KINGSBOROUGH COMMUNITY COLLEGE

2026-2027

A College of the City University of New York

Kingsborough Community College
2001 Oriental Boulevard
Brooklyn, New York 11235-2398

https://www.kbcc.cuny.edu

A College of The City University of New York

The Board of Trustees of the City University of New York reserves the right to make changes of any nature in the academic programs and requirements of the City University of New York and its constituent colleges. All programs, requirements, and courses are subject to termination or change without advance notice. Tuition and fees set forth in this publication are similarly subject to change by the Board of Trustees of the City University of New York.

NOTE:
Programs and requirements, tuition and fee schedules listed in the catalog, are necessarily subject to change at any time at the discretion of the administration and/or action by Kingsborough Community College, the CUNY Board of Trustees, The City University or the State University of New York.

The Kingsborough Community College Catalog is the official source for academic policies and procedures, requirements, and other information critical to academic success. The catalog lists all the courses required for each particular degree, along with course descriptions, to help students decide which electives are of the greatest interest and value to them. The catalog also alerts students to specific college requirements, rules and regulations, academic assistance and support, and the special opportunities available on campus.

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About Kingsborough Community College: Our Mission

Mission

Kingsborough Community College responds to the needs of its diverse community by offering high quality, affordable, innovative, student-centered programs of study that prepare graduates for transfer and the workforce. The college strives for equity and seeks to provide each student with the appropriate resources and supports to foster success. To these ends, we strive to fulfill the following goals:

- To offer a superior general education to all degree students
- To provide programs of study for those intending to transfer and those seeking immediate employment
- To promote critical reading, writing, and thinking
- To develop student competence in information literacy, oral communication, quantitative skills, and technological literacy
- To promote civic engagement, global awareness, civility, and respect for diversity
- To provide life-long learning opportunities in credit and non-credit programs for the non-traditional as well as the traditional student
- To provide comprehensive services that address student needs in order to support academic success
- To respond to the educational, social, cultural, and economic needs of the communities we serve

Vision

Kingsborough Community College encourages students to take an active role in their own learning. The College strives for high quality and continuous improvement in all areas related to student learning, including academic programs, teaching, student services, administration and support, and the campus environment.

Values

Kingsborough Community College values:

Respect	Civility, acceptance, appreciation, and support of individual differences
Diversity	The proactive fostering of greater inclusion and ultimately equity at every level of college life
Integrity	Fair and ethical standards in all policies, procedures, and practices
Excellence	High quality teaching, student services, administration, and community engagement; and high standards for student achievement
Accountability	Taking responsibility for our actions and outcomes
Innovation	Creative thinking and approaches that enhance learning and support continuous improvement

Overview

Founded in 1963, Kingsborough Community College of the City University of New York is a comprehensive community college located on a beautiful 70-acre campus in Manhattan Beach, on the southern tip of Brooklyn, New York. The campus overlooks three bodies of water-- Sheepshead Bay, Jamaica Bay and the Atlantic Ocean.

Kingsborough enrolls approximately 12,000 degree-seeking students annually and serves approximately 30,000 students per year, offering a wide range of credit and non-credit courses in applied fields leading to good jobs, and liberal arts and sciences programs that prepare students to transfer to bachelor's degree institutions. Our students are diverse, representing 113 different countries, with over 56% from racial and ethnic groups traditionally underrepresented in higher education (Black, non-Hispanic - 38.3%, and Hispanic, other - 18.3%). Fifty-three percent are the first in their families to attend college. Seventy-six percent are full-time students, over 30% are 25 years old or older and more than 36% come from households with annual incomes under $20,000. Approximately half work full-time or part-time while attending. Kingsborough ranks among the top community colleges in the United States in associate degrees awarded to minority students.

What We Offer

Kingsborough Community College is a comprehensive community college, offering a broad array of educational opportunities in line with its current mission: to provide students with a well-rounded education, combining liberal arts and sciences programs focused on transfer to a bachelor's program, and educational opportunities in preparation for careers, while fostering personal growth and community engagement. The college provides corequisite model courses to support college-level reading, writing, and math skills and English as a Second Language (ESL) instruction to better prepare all students for academic success.

In addition, Kingsborough offers a number of programs for special populations, including Accelerated Study in Associate Programs (ASAP), College Now, a partnership for "dual enrollment" in college courses with area high schools, the TRiO program, College Discovery, CUNY Edge, Access-Ability Services, Single Parent Students, the Senior Citizen’s Audit for senior citizens, and the Leon M. Goldstein High School for the Sciences, a public school located on the Kingsborough campus. Students also enjoy a wide range of co-curricular and extra-curricular activities, with over 30 active student clubs and organizations and 10 intercollegiate athletic teams.

Academic Calendar

Kingsborough's academic calendar is divided into two major terms each consisting of a 12-week session followed by an optional 6-week module. To view the Academic Calendar visit *http://www.kingsborough.edu/registrar/academic_calendar.html*

Kingsborough – Brooklyn's Community College

As Brooklyn's only community college, Kingsborough sponsors hundreds of community events each year that attract visitors to the campus, including art exhibitions and lectures.

Looking Toward The Future

Kingsborough Community College is committed to enhancing learning opportunities for the Brooklyn community. The college has been recognized as one of the top community colleges in the United States eight consecutive times by the Aspen Institute Community College Excellence Program. Kingsborough Community College is a Leader College of Distinction of Achieving the Dream (ATD), a national network of community colleges focused on the development of committed leadership, use of evidence to improve policies and services, broad campus engagement, systematic institutional improvement, and increasing institutional equity.

Following its long-standing and exemplary record, Kingsborough will continue to anticipate and respond to the ever-changing needs of its dynamic urban area, working to fulfill the needs and expectations of its students and community members.

Supporting Kingsborough Community College

For over sixty years Kingsborough Community College has been a gateway to opportunity, academic excellence, and transformative education for students in Brooklyn and beyond. Recognized nationally as a leader among community colleges, Kingsborough's success is not only driven by strong leadership and innovative programs - it is also made possible by the generosity of our dedicated donors and partners. Philanthropic support plays a critical role in advancing the College's mission. Donations help fund student scholarships, academic and career-readiness programs, emergency grants, and other impactful initiatives that change lives and strengthen our community.

When you choose to support Kingsborough, you have a range of giving options, including:

- Establishing a named or endowed scholarship
- Contributing to existing scholarship or program funds
- Making a bequest or planned gift
- Providing an unrestricted gift to the KCC Foundation
- Naming opportunities
- Donating goods and services
- Giving a gift in any amount
- And many more personalized giving opportunities

To learn how you can make a lasting impact, contact the Office of Institutional Advancement, at 718-368-4539.

Gifts to the College are received through the Kingsborough Community College Foundation, Inc., a tax exempt 501(c)(3) non-profit organization. The Foundation enables individuals, corporations, and philanthropic institutions to make tax-deductible contributions that directly benefit Kingsborough students, faculty, and programs.

The foundation is governed by an independent Board of Trustees comprised of distinguished leaders from a wide range of industries across New York City. Kingsborough alumni and key members of the College administration also serve on the Board, ensuring the mission remains student-centered and community-driven.

The KCC Foundation Office is located within the Office of Institutional Advancement at:

Kingsborough Community College
2001 Oriental Boulevard, M-243
Brooklyn, NY 11235-2398

For more information go to, *https://www.kbcc.cuny.edu/advancement/index.html*

Accreditation

Kingsborough Community College is fully accredited and approved by the Middle States Commission on Higher Education (MSCHE).

All academic programs are registered by the New York State Education Department, The University of the State of New York, Office of Higher Education, 5 North Mezzanine – Education Building, Albany, NY 12234.

Accreditation documentation is available for review in the Office of Academic Affairs, A-218.

In addition, the following program accreditations are in effect:

The *Addiction Studies Program* and the *Certificate in Addiction Studies* are accredited by the National Addiction Studies Accreditation Commission (NASAC), 1001 N. Fairfax, Street Suite 201, Alexandria, VA 22314 and the New York State Office of Addiction Services and Supports (NYS-OASAS), New York City Office, 501 7th Avenue, New York, NY 10018-5903 and Albany Office, 1450 Western Avenue, Albany, NY 12203-3526.

The *Surgical Technology Program* is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) (www.caahep.org) upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) (www.arcstsa.org), 1361 Park Street, Clearwater, FL 33756 or phone (727) 210-2350.

The *Physical Therapist Assistant Program* is accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE), an independent part of the American Physical Therapy Association (APTA), 3030 Potomac Ave, Suite 100, Alexandria, VA 22305-3085; phone (703) 706-3245;

email: accreditation@apta.org. If needing to contact the program/institution directly, please call, (718) 368-4818 or email: steven.skinner@kbcc.cuny.edu.

The *Nursing Program* is approved by the New York State Education Department, Office of the Professions, Division of Professional Licensing Services Nurse Unit, 89 Washington Avenue, Albany, NY 12234-1000 or phone (518) 474-3817, ext. 280, and accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326 or phone (404) 975-5000.

Emergency Medical Services Paramedic (EMS-P) Program has initial accreditation with New York State Department of Health Bureau of Emergency Medical Services, NYS Department of Health, 875 Central Avenue, Albany, NY 12206 or phone (518) 402-0996. The Kingsborough Community College Paramedic Program has initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Education Programs for the Emergency Medical Services Profession (CoA EMSP). Graduates of the Kingsborough Community College Paramedic Program as eligible to take the paramedic examination at the New York State, New York City, and national level. The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, *www.caahep.org.*

The *Polysomnographic Technology Program* has been awarded initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation for Polysomnographic Technologist Education (CoA PSG). The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, *http://www.caahep.org*. The Committee on Accreditation for Polysomnographic Technologist Education (CoA PSG) is located at 1711 Frank Avenue, New Bern, NC 28560 or phone (252) 626- 3238.

In addition to the above accreditations, the College is a member of the American Association of Community Colleges (AACC), the American Council on Education (ACE), the Association of American Colleges and Universities (AAC&U), the Council for Advancement and Support of Education (CASE), the Campus Compact of New York and Pennsylvania, the Brooklyn Chamber of Commerce, the President's Alliance on Higher Education and Immigration, and is a Leader College of Distinction for the Achieving the Dream National Reform Network.

Curricula

The college expects that every Kingsborough student will make consistent and determined progress toward earning a degree, seriously strive to perform well in all courses, spend approximately two hours and five minutes of outside preparation, study, and work, for EACH hour of classroom instruction and be committed to taking full advantage of the opportunities the college offers for a quality education. The administration and faculty are concerned with providing education of the highest level of excellence, building basic skills, which will facilitate and encourage further learning, assisting students to develop their individual potentials to their highest levels and helping students establish a firm foundation upon

which to build their future careers. Students in all programs follow courses of study designed to provide a sound general education and a carefully developed program of occupational or pre-professional education.

Kingsborough strives to provide courses in variety of scheduling formats and modalities that facilitate student success while supporting the most conducive path to timely degree completion. Recognizing the desire to meet the multi-faceted needs of all students, Kingsborough Community College has launched KCC Online to meet the needs of today's busy students. KCC Online offers adult, non-traditional, and stop-out students a combination of alternative and accelerated scheduling options, expedited application and admissions processes, and dedicated enrollment and academic coaches.

KCC Online offers the following fully online degrees, A.A. Liberal Arts, A.A. Criminal Justice, A.S. Accounting, A.S. Addiction Studies, A.S. Business Administration, A.S. Community Health, A.S. Health Sciences, A.S. Mental Health and Human Services, A.S. Speech Communication, A.A.S. The Business of Fashion, A.A.S. Tourism and Hospitality, and Certificate in Addiction Studies. For further information on KCC Online, visit, *https://www.kbcc.cuny.edu/kcconline/index.html*.

In addition to these fully online programs, Kingsborough offers courses for degree completion through a number of scheduling formats and modalities, including fully online, hybrid, day, evening, and weekends. Students enrolled in a degree program other than our fully online degree programs, and who require a flexible schedule will need to work closely with designated advisors to plan for a combination of online, hybrid, day, evening, and/or weekend classes to complete their course of study.

Graduates who successfully complete the courses prescribed for the program of their choice can earn the degree that plan carries: the Associate in Arts (A.A.) degree, the Associate in Science (A.S.) degree or the Associate in Applied Science (A.A.S.) degree. Certificate programs are also offered.

Effective Fall 2013, The City University of New York implemented the Pathways initiative across its undergraduate colleges. Pathways establishes a new system of general education requirements and new transfer guidelines across CUNY, and by doing so reinforces CUNY's educational excellence while easing student transfer between CUNY colleges

The Associate in Arts (A.A.)

Candidates for the Associate in Arts (A.A.) degree must satisfactorily complete required credits from a wide range of Liberal Arts subjects. The college offers two Associate in Arts degrees, one in Criminal Justice (with concentrations in Law Enforcement Studies and Law, Justice and Society) and the other in Liberal Arts (with concentrations in, General Liberal Arts, American Studies, Creative Writing, History, Literary Studies, Music, Philosophy, Political Science, Psychology, Secondary Education, Spanish, Urban Sustainability, and Women's, Gender, and Sexuality Studies).

The Associate in Science (A.S.)

Candidates for the Associate in Science (A.S.) degree follow programs, which closely parallel the A.A. program, but have a greater concentration in a single subject area. These programs include Accounting, Addiction Studies, Biology (with concentrations in Allied Health Transfer Option and Biology Transfer Option), Business Administration, Biotechnology, Chemistry, Community Health (with concentrations in Coordinated Health Care, Health Education and Promotion, and Health Services Administration),

Computer Science, Earth and Planetary Sciences, Education Studies (with concentrations in Birth – 2nd Grade, 1st – 6th Grade, and PreK - 12th Grade Special Education), Engineering Science, Exercise Science, Fine Arts (with concentrations in Art History, Ceramics, Drawing and Painting, Photography, and Sculpture), Health Sciences, Graphic Design and Illustration (with concentrations in Animation, Graphic Design and Illustration, and UX Design), Journalism, Mathematics, Media Arts, Mental Health and Human Services, Physical Education, Recreation and Recreation Therapy (with concentrations in Recreation and Recreation Therapy, Baccalaureate Transfer Options in Sports Management, and Teaching and Physical Education), Physics, Science for Forensics, Speech Communication (with concentrations in Communication Studies and Speech Pathology), and Theatre Arts (with concentrations in Performance and Technical Production).

The Associate in Applied Science (A.A.S.)

Candidates for the Associate in Applied Science (A.A.S.) degree follow programs which concentrate in applied fields. The professional fields in which these programs are offered include Computer Information Systems, Culinary Arts (with concentrations in Baking and Pastry, and Culinary Arts), Fashion Design, Emergency Medical Services – Paramedic, Maritime Technology, Nursing, Physical Therapist Assistant, Polysomnographic Technology, Surgical Technology, The Business of Fashion, and Tourism and Hospitality (with concentrations in Food and Beverage Management, Hotel Management, and Tourism).

Certificate Programs

Kingsborough's certificate programs are designed to provide students with focused in-depth study and professional training. Certificate Programs are available in Addiction Studies and Culinary Arts.

Facilities Supporting Academic Programs

Consistent with its Mission Statement, Kingsborough Community College takes pride in providing comprehensive services that address student needs in order to support academic success. Our facilities support our varied academic programs. The Office of Information Technology Services (ITS), working in collaboration with Academic Affairs, aims to promote the effective integration of technology into teaching and learning. ITS provides students, faculty and staff with access and continual support for the following services: CUNYfirst (for access to the CUNYfirst system, Starfish, Smart eval, Exam Soft, Dynamic forms, Degree Audit and the Blackboard/Brightspace e-learning system), college email accounts, network accounts for access to labs, wireless resources, ePortfolio, audio/visual conferencing technology for remote learning, and door access for labs/computerized classrooms/Special Facilities.

ITS manages the hardware and software for all computer labs with 1,530 desktop computers, including smart boards, podium systems, projector systems, instructor classroom computers, 950 wireless thin clients in 21 computerized classrooms, and introduced in 2021, PTZ camera systems. These labs serve to meet a wide variety of academic needs and are as varied as a diesel lab, a fashion design lab, graphic design lab equipped with Macs, and math and computer science labs. The Language Learning Labs provide students with specialized instruction in Arabic, Chinese, French, Italian and Spanish. In addition, the College opened a STEM (Science, Technology, Engineering, and Mathematics) lab as well as the Kingsborough Learning Center (KLC), which includes reading lounge areas, classrooms and tutoring cubicles.

The 6,550 gallon shark tank, along with five other aquarium tanks containing a host of aquatic species, and other museum quality displays relating to marine and terrestrial biology, support biology courses. There are two research labs for biology and physical sciences that support research scholars programs.

The Nursing Labs are provided with actual hospital beds and equipment simulators as well as medical mannequin simulators (including pediatric, pregnant and adult mannequins). A new state-of-the-art Simulation Center for Emergency Care and the Health Sciences uses the latest high-fidelity human mannequins and actual ambulances for instruction. Surgical technology students are provided with a mock operating room where lectures are given and they receive hands-on training on medical procedures with specialized mannequins.

The award-winning Health, Physical Education and Recreation Center building contains two large gymnasiums with retractable bleachers, indoor tracks, a 26 meter swimming pool (with depths ranging from 3 feet to 12 feet), a racquetball court, a fitness center with state-of-the art cardio equipment, a separate free-weight room, yoga rooms and dance studios. The gymnasiums accommodate basketball courts, tennis courts, and volleyball courts. The exterior tennis courts have been newly refinished and there are two new baseball fields and a soccer field on artificial turf.

Art students are provided with numerous fine art studios, a photography dark room, a ceramics studio with four (4) electric kilns and two (2) gas kilns, and state-of-the-art digital Mac labs for Graphic Design, Illustration, Animation, and Digital Photography classes. The Art Gallery serves the Kingsborough and local communities through rotating exhibits of historical and contemporary artists, as well as annual faculty and student exhibitions.

The Culinary Management Center and the Oceanview Room are fully equipped cooking facilities with a realistic restaurant setting for students training in the culinary arts.

The Tourism and Hospitality program labs house software used to train students. The Opera Property Management System (PMS) Software, an industry leading system, trains students for jobs in hotel management. Virtual Enterprise MarketMaker trains students to create and operate their own virtual business. SABRE GDS (Global Distribution System) is a multi-disciplined reservation system used for making reservations for airlines, car rentals, hotels, etc.

Kingsborough's Radio Station, WKRB 90.3, serves as both an instructional lab and a fully functional station. The state-of-the-art facility incorporates three studios, an Audio Editing suite and a Smart Classroom that accommodates 20 students. The Television Studio functions as an instructional lab with a tapeless HD workflow, incorporating three full-HD cameras, a Grass Valley video switcher, graphics and theatrical lighting system. The Multimedia Editing Lab provides opportunities for students to practice skills in remote camera operation, lighting for remotes, and editing for both video and audio. Adjacent space serves as a new distribution hub for remote/field equipment for camera and lighting instruction and practicum.

The Lighthouse Theater serves as the primary production laboratory for the theatre arts program where students practice the skills that they have learned in acting, design, technical theatre, voice, musical theatre, history and general theatre coursework. The Scene Shop is a technical theatre and theatrical design classroom and laboratory where students practice skills in lighting and scenic design, as well as

electrics, carpentry, stage management, and other areas of technical theatre. The Acting Studio provides a space for students to learn the crafts of acting, voice, movement and musical theatre, serving as the theatre program's main rehearsal space.

The College has several boats (including the "CUNY 1") that are used for training and hands-on experience. They are accessible from the College's Marina, located at the north seawall on campus. A multi-million dollar Marina reconstruction project is anticipated to commence during the Spring of 2024.

The Robert J. Kibbee Library and Media Center contain collections of books and publications that are made available to students in support of their academic goals.

Kingsborough also offers a computerized testing facility with 167 systems (107 systems in T-610, 22 systems in T-611, 28 systems in T-612, and 10 accessibility stations in T-605).

Kingsborough's open computer labs are designed for multidisciplinary use by registered students and provide a comfortable study and research lounge area. Student Help Desks support students' varying technological needs and are an ever-present access point for students to use and receive assistance with technology for academic purposes. Staff members in these locations provide assistance with general information, computer and Wi-Fi access, student email access and password reset, and free on-campus printing. To facilitate access to education materials and programs, online assistance is available to students for log-in to, password retrieval for, and navigation to Inside Kingsborough, the mobile access site for all web-enabled devices, KBCC Mobile, Kingsborough's mobile app, KBAM, access management for self-services-tools, the CUNY portal, the University portal, CUNYfirst, the student information system, and Blackboard/Brightspace, the learning management system.

In January, 2020, Kingsborough inaugurated a brand new Student Conference Center on the second floor of the College Center (U) building, next to the Hall of Flags. The space can be divided in half, with floor to ceiling partitions, but when fully open, it contains 7,720 square feet of floor area that can be used for multiple purposes, including lectures, distance learning classes, fashion shows and a host of other cultural events that enhance academic programs. This $2.49 million renovation revitalized this space with new acoustical ceilings, new electric operated partitions, new LED lighting and ITS technology, new flooring, new interior and exterior doors, and new window louvers.

Our spaces support the infrastructure for teaching and learning, scholarship and research. Although the list above is not a totally inclusive listing, it is indicative of the range of facilities we provide to support our academic endeavors.

Enrollment and Student Services

Admission One Stop Center

Room V-100, Ext. 4600

The Admission One Stop Center, Kingsborough's one-stop for all of the enrollment areas, provides assistance and direction with admission, financial aid, registrar processes, directions, and more.

Application Processing Dates

Applicants are urged to file an admission application as early as possible. Applicants who wish to enroll at Kingsborough Community College must apply online at *www.cuny.edu* and list Kingsborough as their first choice on the admission application. Applications that are complete by the suggested application deadline dates will receive first consideration. Application deadline dates are rolling.

Non-degree applicants should apply directly at the Admission One Stop Center. Deadlines vary based on enrollment trends. Inquire at the Admission One Stop Center before submitting an application.

NOTE

A. Application deadline dates may vary slightly from year to year. Inquire at the Admission One Stop Center at 718-368-4600 about possible deadline changes or extensions.
B. Applications received after the deadline date will also be considered, but some programs may close early. Applicants should contact the Admission One Stop Center if filing after the application date.

Degree Seeking Applicants (Matriculated)

Applicants who plan to earn a degree should apply for matriculated status and may attend either weekdays during the day or evening and/or on weekends. However, not all majors can be completed exclusively or totally during evenings or weekends only or online.

Non-Degree Seeking Applicants (Non-Matriculated)

Applicants who wish to earn college credit without working toward a degree may request a non-degree status. Non-matriculants may, if they wish, change to matriculated status in a future term must file a new admissions application and are subject to the college's admissions requirements. Non-degree students are not eligible for financial aid.

Direct On-the-Spot Admission

Applicants who currently hold a U.S. high school diploma, or have received a state High School Equivalency (HSE) diploma through the General Education Development (G.E.D.) or Test Assessing Secondary Completion (TASC™) by virtue of satisfactory scores on the examinations, or currently attend

or have previously attended an accredited U.S. college, may be eligible for preliminary acceptance to Kingsborough. For further information call the Admission One Stop Center at 718-368-4600.

Freshman Applicants

All applicants who have never attended any college, university, or other post-secondary institution such as a trade, technical, business or health profession school, should apply as a freshman. Applicants who are high school seniors currently attending a New York City public school or a parochial or private school, should apply online for admission at *www.cuny.edu* Freshman applications must include the student's official high school transcript with date of graduation, General Education Development (G.E.D.) scores, or Test Assessing Secondary Completion (TASC™) scores.

CUNY does not accept high school certificates, Individual Education Plan (IEP) diplomas, online, correspondence or virtual high school diplomas/credentials, or transcripts from unaccredited high schools as proof of high school graduation. Refer to the admission application for specific details.

Transfer Applicants

All applicants who have attended a college or other college-level post-secondary school must submit a Transfer Application. Applicants who have attended a post-secondary institution such as a hospital school of nursing, secretarial science school, non-college degree granting technical institute or LPN training school must file a Transfer Application; they are not eligible for transfer of credits. The application, along with an official transcript from **each** college or post-secondary school attended, must be included. An official high school transcript with date of graduation or original, General Education Development (G.E.D.) or Test Assessing Secondary Completion (TASC™) is required for all transfer applicants, even if the applicant has earned a bachelor's degree.

Military and Veteran Affairs Office (MAVA)

Room C-106, Ext. 5472

The Military and Veteran Affairs Office (MAVA) serves the needs of prospective and enrolled active military personnel, reservists, veterans, and their dependents, spouses and survivors. MAVA aids in the application and certification for students who are eligible to receive education benefits under various Department of Veteran Affairs (DVA) programs. In this role, the MAVA team facilitates a smooth transition and reintegration into the college community. MAVA provides supplemental recruitment and retention efforts, various counseling and one-on-one advisement services, priority registration, academic program information, and certify eligible students to receive DVA education benefits while maintaining productive relations with the Veterans Administration and other agencies serving veterans. All active military personnel, reservists, veterans and their dependents, spouses and survivors receive priority enrollment at the College each semester.

The MAVA Team works closely with many campus departments and have created a Point of Contact (POC) bridge. The list of support offices and POC appointed for any inquiries can be found at *https://www.kbcc.cuny.edu/veteranaffairs/index.html*

International Applicants

Applicants are encouraged to file a completed application by the **September 15** priority deadline for **Spring** admissions and by the **February 1** priority deadline for **Fall** admissions.

Applicants educated outside of the United States may choose to have their record(s) evaluated by:

1. One of the approved evaluation services listed below **or**
2. By the University Application Processing Center.

All transcripts and associated documents must be translated (see Translation Guidelines below).

Option 1: Send your transcript to any one of the CUNY/KCC Approved Evaluation Services listed below:

- Josef Silny & Associates, Inc., International Education Consultants
- Transcript Research
- Academic Credentials Evaluation Institute, Inc.
- Scholaro
- Global Language Services
- International Education Evaluations (IEE)
- International Education Research Foundation
- Institute of Foreign Credential Evaluations (IFCS)
- The Evaluation Company
- World Education Services, Inc.
- Educational Credential Evaluators
- Foreign Credentials Service of America
- Foreign Credential Evaluations, Inc.

If using one of the above services, you must request: an official course-by-course evaluation report which includes a Grade Point Average (GPA) based on all secondary school course work and any external examination certificates earned. Be sure to request that the evaluation service includes certified copies of all documentation used for the evaluation.

Option 2: Send your transcript to CUNY's University Application Processing Center (UAPC):

If you opt to have your records evaluated by UAPC, you'll need to provide the following documents along with word for word translations for all documents not issued in English. Please be advised that this process takes 6 to 8 weeks.

For Freshman Applicants:

- Official high school transcript **and** copy of diploma

For Transfer Applicants:

- Official high school transcript **and** copy of diploma
- Official transcripts from **ALL** post-secondary institutions, colleges, or universities attended

For further information, contact the Office of Admissions and Recruitment.

Applicants who have completed less than one year of full-time university-level studies, will need to provide the following:

- Secondary School Record: an official course-by-course evaluation report which includes a Grade Point Average (GPA) based on all secondary school course work and any external examination certificates earned.
- University Record: an official course-by-course evaluation report which includes a Grade Point Average (GPA) based on all university course work.

Applicants who have completed more than one year of full-time university-level studies, will need to provide the following:

- Secondary School Record: proof of secondary school graduation and an official document-by-document evaluation report.
- University Record: an official course-by-course evaluation report which includes a Grade Point Average (GPA) based on all university course work.
- We will **only** accept evaluations that are sent directly from the evaluation service.

Translation Guidelines

Translations are required for the following documents:

- Copies of complete secondary school record
- Secondary school graduation diploma
- Any external examination certificates earned
- An official transcript of university work, sent directly from the issuing institution

Official translations may be obtained from the following:

- Consulate or embassy of the country that is issuing the document
- Translation agency
- Immigrant or refugee association in the U.S. representing the country issuing the document
- The institution where the student studied
- Faculty member of U.S. high school, college, or university (must signify their academic department and rank)

All translations must meet the following conditions:

- Complete and literal (word-for-word) with no attempts to interpret or evaluate the credential
- Prepared in same format as the original document
- Typed on business or school letterhead stationary
- Signed by a translator attesting to familiarity with the foreign language

CUNY does not accept translations from the following:

- The student or members of their family
- Individuals not affiliated with any of the organizations listed under the CUNY/KCC Approved Evaluation Services

English as a Second Language (ESL) Placement

Applicants who have spent at least six months or more in an institution where English is not the primary language of instruction, or took ESL classes in high school, are flagged as potential ESL via the CUNY admissions process. ESL applicants who meet the CUNY benchmark scores on the New York State Regents will be deemed proficient in English and/or math, regardless of where they attended high school. ESL applicants who do not meet the benchmark scores in math will be assessed via the proficiency index in math; for English proficiency, ESL applicants will be evaluated in the following way:

- ESL applicants who do not have a New York State English Regents score will not be assessed via the English proficiency index. Applicants will be required to take Accuplacer ESL to determine reading and writing proficiency and appropriate course placement. At Kingsborough, student placement based on the ESL Accuplacer supersedes proficiency in Reading and Writing gained through a bachelor's degree earned outside the United States.
- ESL applicants who have a New York State English Regents score will be assessed via the English proficiency index. Applicants who do not meet the English proficiency index benchmark score will be required to take Accuplacer ESL to determine appropriate course placement.

Once you are accepted to Kingsborough Community College, the Testing Office will contact you with information on when to come in for the Accuplacer ESL. Refer to the CUNY Website for further information regarding ESL Applicants and placement into English and Math courses.

International Students (F-1 visa/status)

International students are defined as a non-immigrant with F-1 status. International students are required to obtain F-1 student visa/status. For further information, contact the International Student Affairs office at isa@kbcc.cuny.edu.

Students in the U.S. on another type of non-immigrant status such as A, B, G, H, J or M or who are not sure about their status, should contact the International Student Affairs Office at isa@kbcc.cuny.edu.

Note: If you are a U.S. citizen or permanent resident, you are not considered an international student.

Kingsborough Community College is authorized by the Student and Exchange Visitor Program (SEVP) to issue the Form I-20 to non-immigrant students looking to apply for the F-1 visa or continue F-1 status. International students are required to obtain F-1 student visa/status and may not commence studies until they have an approved F-1 status and must be registered as full-time students of at least 12 equated credits each semester.

New American Center

Room T8-108C, Ext. 5600

The New Americans Center is a one-stop citizenship center offering free immigration services at Kingsborough Community College and the Brooklyn community at large, including confidential one-on-one consultations with an immigration attorney and/or paralegal. The Center provides assistance with citizenship application, issues relating to student visas, spousal visas, renewal of alien cards, and family deportation petitions, and general legal counseling relating to maintaining and acquiring immigration status in the United States.

CUNY Proficiency Requirements

The City University of New York (CUNY) requires all students to demonstrate proficiency in English (reading and writing) and Math in order to enroll in credit-bearing courses in the associated subject. Students may establish proficiency in a variety of ways, including, but not limited to, meeting benchmark scores on the SAT, ACT, and New York State Regents exams, or demonstrating proficiency through Exemption.

Beginning Spring 2020, students who do not meet benchmark scores will no longer be administered a placement test; rather, CUNY will use a Proficiency Index to determine English and Math placement. The Proficiency Index combines overall high school grade point average with SAT and/or Regents exam scores. There are separate Proficiency Indexes for English and Math.

CUNY Proficiency Requirements for Associate Degree Programs

Candidates for freshman admission to an associate degree program do not have to demonstrate proficiency in English or Math based on the SAT, ACT, New York State Regents, or CUNY's proficiency index to be admitted. Students who do not meet the proficiency requirement in one or more areas have several options:

- Enroll in a free summer/winter immersion program.
- Participate in CUNY Start, Math Start, or CLIP
- Enroll in the necessary corequisite courses, which incorporates the college-credit course with built-in supports to strengthen their skills in any areas in which they have not demonstrated proficiency,

Once enrolled in an associate degree program, students may be required to take one or more corequisite courses to build their skills in any area in which they have not demonstrated proficiency.

Information is available on the CUNY Website concerning CUNY's Proficiency requirements.

English as a Second Language (ESL)

Applicants who have spent at least six months or more in an institution where English is not the primary language of instruction, or took ESL classes in high school, are flagged as potential ESL via the CUNY admissions process. ESL applicants who meet the CUNY benchmark scores on the New York State Regents will be deemed proficient in English and/or math, regardless of where they attended high school. ESL applicants who do not meet the benchmark scores in math will be assessed via the proficiency index in math; for English proficiency, ESL applicants will be evaluated in the following way:

- ESL applicants who do not have a New York State English Regents score will not be assessed via the English proficiency index. Applicants will be required to take Accuplacer ESL to determine reading and writing proficiency and appropriate course placement. At Kingsborough, student placement based on the ESL Accuplacer supersedes proficiency in Reading and Writing gained through a bachelor's degree earned outside the United States.
- ESL applicants who have a New York State English Regents score will be assessed via the English proficiency index. Applicants who do not meet the English proficiency index benchmark score will be required to take Accuplacer ESL to determine appropriate course placement.

Once you are accepted to Kingsborough Community College, the Testing Office will contact you with information on when to come in for the Accuplacer ESL. Refer to the CUNY Website for further information regarding ESL Applicants and placement into English and Math courses.

NOTE:

Accommodations for a required test based on disabilities are granted to students in compliance with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Students who wish to seek such an accommodation must be registered with the College's office serving students with disabilities.

Health Regulations

New York State Public Health Laws 2165 and 2167 dictate that there are certain immunization requirements that must be met prior to registration:

NYSPHL #2165 requires all students who were born after December 31, 1956 to submit to the College proof of immunity against measles, mumps and rubella (MMR).

NYSPHL #2167 requires the College to distribute information to students on meningococcal disease (or meningitis) along with a meningococcal meningitis vaccination response form. Upon receipt of the above, students must complete the response form and submit it to the College.

NOTE

Students will not be allowed to register unless the above requirements are met.

All medical records and examination reports should be forwarded to the Office of Health Services, A-108.

ADDITIONAL NOTE

1. The College will not release medical records without signed authorization from the student. Students who are under 18 years of age will need a parent or legal guardian to authorize the release.
2. First aid, emergency treatment, psychological counseling and referral, educational, preventive and advisory services are available. Registered Nurses are in attendance whenever classes are in session.
3. The College does not monitor individual student participation in physical education or athletics. Students are responsible for following the advice of their physicians or health care providers in these matters. The College will take no responsibility whatsoever for any injury which may be suffered should a student participate without advice or against medical advice and for any injury sustained as a result of physical incapacity.

CUNY Permit Students

Students from CUNY colleges other than Kingsborough may submit a permit request online using their CUNYfirst student self-service. Applications must be filed well in advance of the deadline date established by Kingsborough since several areas must approve the permit. Students who register and subsequently cancel their permit without deleting their course(s) are subject to penalty grades from Kingsborough. These students may also be subject to tuition liability for the permit course(s). Students on permit to Kingsborough from another CUNY college will pay tuition for the permit course(s) at their home college. For more information, refer to *https://epermit.cuny.edu*

Senior Citizen's Audit

Ext. 5079

New York State residents over 60 years of age can audit undergraduate courses at Kingsborough Community College tuition free on a space-available basis.

Proof of age and New York State residency must be submitted with the admission application. No high school diploma is required for enrollment in the program. An admission application must be submitted and a registration fee, paid each term (Fall/Winter and Spring/Summer), is required. Contact the Senior Citizen's Audit for application deadlines and program information, call (718) 368-5079, or visit *https://www.kbcc.cuny.edu/senioraudit/.*

Second Degree Applicants

Students returning for a second degree must apply as a transfer applicant using the CUNY admission application. For further information you may access the CUNY website at *cuny.edu,* or you may call 718-368-4600, or go to V-100.

Readmission

A former student who wishes to return to Kingsborough should complete an online Readmission Form at *https://www.kbcc.cuny.edu/registrar/readmission.html* (see bottom of website). United States veterans are exempt from the readmission fee.

Consult the College's web page for readmission deadlines; applications should be filed early since readmission deadlines are well before the start of the upcoming term.

NOTE

Students who have received their degree from Kingsborough should refer to the section above, *Second Degree Applicants.*

Students are **not** readmitted into Degree programs (Plans)/Concentrations (Sub-plans) that have been submitted for closure. It is recommended that you speak with an Academic Advisor to discuss alternative options if you were previously enrolled in a now closed Degree program (plan)/Concentration (Sub-plan).

Readmission After Academic Dismissal

Former students who were academically dismissed from Kingsborough Community College may apply for readmission according to the guidelines provided in their dismissal letter. A letter of appeal should be addressed to the College Committee on Admission and Academic Standing. Students should consult the Academic Recovery Policies web page for full details regarding the process and here for deadline dates. Appeals should be submitted ***well before*** the start of any term.

Change of Status from Non-Degree to Degree

Non-degree students who wish to change their admission status from Non-Degree (non-matriculated) to Degree (matriculated), must complete a new application for admission at *https://www.cuny.edu/admissions/undergraduate/.*

Programs for New Students

CUNY Baccalaureate for Unique and Interdisciplinary Studies

The City University of New York Baccalaureate for Unique and Interdisciplinary Studies (formerly the CUNY Baccalaureate Program) allows academically able students the opportunity to design individualized programs of study that complement their academic, professional, and personal goals. The program is well-suited for students who wish to pursue areas of study not available as majors at either their home college or elsewhere within the University. This is CUNY's most flexible, versatile degree, making it particularly beneficial for working adults; the program also offers a comprehensive transfer policy.

Working one-on-one with CUNY faculty mentors, students create their own single or double "areas of concentration" (e.g. single or double majors), many of which are often interdisciplinary. Recent examples include Engineering Psychology, Marketing Anthropology, Urban Sustainability, International Human Rights, Environmental Biology, Community Development and Technology, and Food Studies and Entrepreneurship. Students may take courses at any CUNY college, including the Graduate Center, School of Professional Studies, and City College Center for Worker Education, and are encouraged to pursue independent research, fieldwork, study abroad, and other academic opportunities.

CUNY BA, as it is commonly known, accepts up to 68 transfer credits earned at the community college level, and up to 90 credits in total. Qualified Kingsborough students can be in the program while working towards their associate degree (and will be able to take courses at the senior colleges at the same time). To be eligible for admission, students must have completed at least 15 college credits with at least a 2.50 grade point average, and must have an idea for an interdisciplinary or otherwise unique area of concentration. For more information visit *http://cunyba.gc.cuny.edu/*

New Start Program

The New Start Program assists students who have experienced academic difficulty at participating senior colleges. Eligible students are admitted to Kingsborough in good academic standing and may enroll in one of Kingsborough's degree programs* on a full- or part-time basis. Up to 30 previously earned college credits can be applied toward an associate degree at Kingsborough, with no prior grades carried over. Graduates of the program are guaranteed admission to a CUNY senior college they have not previously attended. Graduates of the program may also apply for admission to any non-CUNY college or appeal readmission to a previously attended college.

***Note:**

> Some degree programs may have their own admission requirements and grade regulations for enrollment and/or continuation in the program. A review of degree requirements occurs during registration and advisement.

Tuition and Fees

Bursar's Office
Room A-205, Ext. 5416

TUITION AND FEES SET FORTH IN THIS PUBLICATION ARE SUBJECT TO CHANGE BY THE BOARD OF TRUSTEES OF THE CITY UNIVERSITY OF NEW YORK.

Tuition is charged each term* and is payable at registration. New York State TAP Awards (where the student can prove eligibility with an Award Certificate) reduces or eliminates the student's liability on the day of registration.

No student will be permitted to register for a new term unless, and until, any indebtedness to the college is resolved. Payments may be made with cash, personal check, or money order made payable to

Kingsborough Community College. Credit card payments (Visa, MasterCard, Discover, or American Express) can be made only online. Registration is not complete until all fees are paid.

KINGSBOROUGH COMMUNITY COLLEGE, UNDER THE JURISDICTION OF THE CITY UNIVERSITY OF NEW YORK, PROVIDES FOR REDUCED TUITION RATES FOR NEW YORK CITY AND STATE RESIDENTS. PLEASE REFER TO THE RESIDENCY REQUIREMENTS BELOW.

Matriculated New York City Residents

Students must have at least 12 consecutive months of residency in New York State which includes six (6) months of consecutive residency in New York City immediately preceding the first day of classes.

FULL-TIME:

* 12 or more credits^{+} or 12 or more equated credits^{++}
* $2,400 plus non-refundable required fee of $226.45

PART-TIME:

* Less than 12 credits^{+} or less than 12 equated credits^{++}
* $210 per credit^{+} or equated credit^{++} plus non-refundable required fee of $121.45

NON-DEGREE - NEW YORK CITY RESIDENTS:

* $265 per credit^{+} or equated credit^{++} plus non-refundable required fees

NON-DEGREE - NON-RESIDENTS:

* $420 per credit^{+} or equated credit^{++} plus non-refundable required fees

NOTE

Students who reside in counties outside New York City but within New York State must present a valid certificate of residence from their county fiscal office in order to complete the registration process. Contact the Bursar's Office for more information.

Matriculated Non-Certificate Eligible Out-of-City Residents, Out-of-State Residents and International Students (F1 Visa Status)

The flat, full-time tuition rate has been eliminated for nonresidents. Non-resident students must pay per credit rates for all terms (including modules).

FULL-TIME:

* 12 or more credits[+] or 12 or more equated credits[++]
* $320 per credit or equated credit plus non-refundable required fees

PART-TIME:

* Less than 12credits[+] or less than 12 equated credits[++]
* $320 per credit[+] or equated credit[++] plus non-refundable required fees

International students who have an alien registration card must present it to the Admission Office. Prior to paying their tuition and/or on the first day of classes, the Admission Office determines residency status for tuition purposes.

NOTE

*A term consists of both the fall session and winter module or the spring session and summer module.
+ The number of credits for each course is indicated with course title and description.
++ Equated credits pertain to non-credit developmental courses. See course descriptions.

Required Fees (NOT Refundable)

Consolidated Services Fee (ALL students)		$15.00
Student Activity Fee Per Term (including University Senate Fee, Technology Fee and Consolidated Services Fee):		
	Full-Time Students	$226.45
	Part-Time Students	$121.45
Application (Freshman Students)		$65.00
Application (Transfer Students)		$70.00
Readmission to the College (Contact Admissions at 718-368-4600, V-100)		$20.00
Infrastructure Fee (to cover administrative costs for students enrolled in fully Online degree programs)		$75.00
Transcripts to other than CUNY schools (each)		$7.00
Duplicate Receipt Fee (each)		$10.00
Replacement ID Card Fee		$10.00
Senior Citizens (60 years old or over as of the first day of classes with proof of age and NYC/NYS residence) pay an administrative registration fee plus a Consolidated Services Fee (per term)		$80.00
New York City Department of Education Cooperating Teacher (includes Consolidated Services fee) per term		$40.00

Penalty Fees

A. Late Registration	$25.00
(to enroll after last day of regular registration)	
B. Program Change	$18.00
This fee is waived when:	
1. the college initiates the change	
2. a course is dropped without replacement	
C. Non-payment/Late Payment Service Fee	$15.00
D. Payment Reprocessing	$20.00
(payment with a personal check which is not honored by the bank)	
E. Reinstatement Fee	$25.00

IMPORTANT NOTE

All tuition and fee schedules are subject to change without prior notice, at any time, upon action of the Board of Trustees of the City University, The City and/or State of New York. Should fees or tuition be increased, payments previously made to the College will be counted as partial payment. Notification of additional amounts due, time, and method of payment will be sent to individuals involved.

Tuition Refund Policy

In general, no portion of the Student Activity, Miscellaneous, Penalty or Special Fees will be refunded. A student who withdraws after the scheduled opening date of the session, or during the term, will receive tuition refunds according to the schedule below.* Full-time students who decrease their credit load will be charged per credit.

* Students entering Military Service may qualify for a refund other than as listed. The Registrar should be notified of the military status at the time of withdrawal.

Date of Formal Withdrawal from Course(s) or College	**Fall and Spring Sessions**	**Winter and Summer Modules**
Before scheduled opening date	100%	100%
Within six (6) calendar days after scheduled opening date	75%	50%
Between seventh and twelfth calendar days after scheduled opening date	50%	25%
Between thirteenth and seventeenth calendar days after scheduled opening date	25%	NONE
Beyond seventeenth calendar day after scheduled opening date	NONE	NONE

Federal Refund Policy for Title IV Federal Aid Recipients

All Kingsborough students who are Federal Financial Aid recipients and totally withdraw within the sixty (60) percent point of the term may be required to repay a portion of any Federal aid received.

For Financial Aid information go to Financial Aid

College/Course Withdrawal

Registrar's Office
Room A-101, Ext. 5136

Withdrawal from the College

Students who find it necessary to withdraw from the college may do so using self-service in CUNYfirst. The date that the withdrawal is completed in CUNYfirst is considered the official date of withdrawal from the college. No portion of the Student Activity, Special, Penalty or Miscellaneous Fees is refundable except when a student's registration is cancelled or when the college cancels courses.

From a Course

After consultation with an academic advisor, a student may withdraw from a course using self-service in CUNYfirst. The date that the withdrawal is completed in CUNYfirst is considered the official date of withdrawal from the college, *NOT the last date of class attendance*.

If a student withdraws from a course during the first 17 days of the Fall or Spring session (or the first seven [7] days of the Winter or Summer module), that course will be deleted from the student's transcript.

If a student withdraws from a course after the deletion period, but before a deadline that approximately coincides with completion of 2/3 of the session (see Academic Calendar for specific date), the student will receive a "W" grade for that course.

If a student registers for a course, does not attend, and fails to participate in an academically related activity, the student will be assigned a "WN" grade for that course.

Registrar

Room A-101, Ext. 5136

Kingsborough Community College's Registrar's Office maintains an inventory of approved academic programs. The Registrar's Office maintains academic records for all students and protects the integrity of academic regulations and records management policies. The Registrar's Office maintains an inventory of approved courses including changes, additions, and deletions that are pertinent to academic records and

transcripts as well as administers and publishes the college's schedule of classes for each term. In conjunction with the Faculty and Administration, it establishes dates in the Academic Calendar for enrollment and student records' processes.

The following services performed by the Registrar's Office are available upon application:

- Certification of enrollment to outside agencies
- Change of:
    - Address, name and/or social security number
    - Major (Plan)*
    - Grades
    - Matriculation Status (Degree/Non-Degree)*
- Graduation*
- Permit to attend other CUNY colleges; see CUNY Portal for filing dates
- Records access
- Transcripts
- Withdrawal from college and/or course(s)*

*The latest Academic Calendar, with information on filing dates and deadlines, is available on the college's website.

Change of Plan (Major)

For any plan (major) change, except Emergency Medical Service/Paramedic, Nursing, Physical Therapist Assistant, Polysomnographic Technology, and Surgical Technology* which have special admission requirements, students must file Change of Plan (Major) Form found on the Office of the Registrar Forms web page. Filing deadlines can be found on the Online Academic Calendar.

The new plan goes into effect the current term if the application is filed on or before the last date to drop classes as noted on the Academic Calendar. Change of plan applications filed after the deadline will be processed for the following term. The most recent information on college policy, and all proper forms, can be found on the Registrar's Office website.

**Please refer to the Admission Criteria located under the degree program.*

Kingsborough Permit-Out Students

Kingsborough students may submit a permit request online using their CUNYfirst Student Self-Service. Applications must be filed well in advance of the deadline date established by the other CUNY college (host college) since several areas must approve the permit. Students who register and subsequently cancel their permits without deleting their course(s) at the CUNY host college are subject to penalty grades. These students may also be subject to tuition liability for the permit course(s). Kingsborough students on permit to another CUNY college will pay tuition for the permit course(s) at Kingsborough. For more information, go to *http://kingsborough.edu/registrar/e-permit.html*

Academic Advisement

Academic Advisement Center

Room M-F123, Ext. 4911

The Academic Advisement Center provides new, continuing and transfer students with guidance throughout their education journey. Advisors offer students a personalized experience that integrates academic, transfer and career planning to support students with achieving their short and long-term goals.

Through a collaborative partnership, advisors and students will establish a supportive relationship that encourages informed decision-making, student success and personal development. The Advisement Center is committed to empowering students with the knowledge, resources and support needed to navigate their educational pathways and successfully complete their studies.

The Advisement Center offers a specialized Health and STEM Advisement Office located in E-102 to provide support for students pursuing majors in STEM and health-related fields. STEM Advisors assist students with academic planning, applying to application-based programs, and transfer and career exploration specific to STEM.

Accelerated Study in Associate Programs (ASAP)

Room M-233, Ext. 5616

CUNY's Accelerated Study in Associate Programs (ASAP) assists students in earning their associate degree within three years by providing a range of financial, academic, and personal supports including comprehensive and personalized advisement, career counseling, tuition scholarships, MTA transportation benefits, and additional financial assistance to defray the cost of textbooks. ASAP also offers block programming options to ensure that our students enroll in the classes they need and attend classes at times that accommodate their work and personal schedules to facilitate timely degree completion. Our advising team also works with students to develop individualized transfer and career plans that support their academic and professional goals. For more information on ASAP visit: *https://www.kbcc.cuny.edu/asap/*

College Discovery (CD)

Room L-516, Ext. 5520

The College Discovery Program (CD) is a CUNY Higher Education Opportunity Program for students who demonstrate college potential, but who might otherwise be excluded because of academic or economic circumstances. CD students receive financial assistance, academic and career counseling, and tutorial services. The CD program offers students a unique opportunity to continue to a baccalaureate program by transferring to CUNY (SEEK), SUNY (EOP), and private college (HEOP) programs in 96 colleges across the New York State area, where they continue to receive financial and academic assistance. Prospective students must apply before entering the college by completing the Special Program section of the CUNY Admission Application. In addition, they must complete the Free

Application for Federal Student Aid (FAFSA), available at *www.fafsa.ed.gov* and New York State Tuition Assistance Program (TAP) application, available at *www.tapweb.org*. Students are accepted into the program only during the fall term.

For additional information about College Discovery go to *https://www.kbcc.cuny.edu/cd/Homepage.html* and to sign-up for an info session go to *https://www.kbcc.cuny.edu/cd/DiscoveryOrientation.html.*

Center for Career and Transfer Services

Room C-102, Ext. 5115

The mission of the Center for Career and Transfer Services is to provide equitable access to career and transfer services that empower students to explore pathways, develop professional and academic plans, and make informed decisions about their futures. Through personalized guidance, resources, and programming, we support students in achieving meaningful employment and successful transfer outcomes.

Career Advisors assist students in career planning and in the development of skills needed in the job search. The Career Center's recruitment events, such as Job Fairs and On-Campus Recruitment, bring representatives from major corporations, government, and social service agencies to the campus. Job search assistance is offered to all students from résumé writing to interview technique workshops. Listings of part- and full-time jobs, as well as internships, are available to students via the KCC Online Jobs Board (Handshake). Log onto Handshake with your KCC student credentials here: *https://kingsboroughcc.okta.com/*

The Center also offers a variety of early exposure and transfer planning opportunities, including college exploration, transfer credit planning, application assistance, transfer workshops, and information sessions.

Academic Assistance

The Kingsborough Learning Center (KLC)

Room L-219, Ext. 5118 & 5405

The Kingsborough Learning Center fosters the potential of each student by having a comprehensive tutoring program that empowers students to cultivate the skills, strategies and behaviors of confident, independent, and lifelong learners. The Center provides an array of tutoring services free of charge for all Kingsborough students.

Tutoring: Small group appointment based tutoring in almost all KBCC courses where the tutor can provide individual attention. For certain subjects, walk-in tutoring is available.

English/Writing Tutoring: students develop their own academic skills in essay writing, rethinking and revising papers, or identifying and correcting their own mistakes in writing. Walk-in tutoring & one-on-one tutoring is available.

Supplemental Instruction: with funding from a Carl. D. Perkins grant, we offer specialized tutoring for students in the following courses: Biology 1100, Biology 1200, Science 2500, Accounting 1100, and Accounting 1200.

Nursing TEAS Workshops: workshops are available in English, Math, and Science to assist students in preparing for the Nursing TEAS exam and entrance into the Clinical Nursing Program.

For more information on The Kingsborough Learning Center, go to *https://www.kbcc.cuny.edu/KLC/*

Immersion Program

Room D-106, Ext. 5358

The Immersion Program is a CUNY-wide initiative offering tuition-free workshops to prepare for their Gateway English and Math courses. Offered during winter and summer sessions, these short, intensive workshops provide focused academic support to build the skills and confidence needed for success in college-level coursework. Day and evening sections are available to accommodate a variety of schedules. While enrolled, students have access to campus facilities and supports services.

For more information go to *www.kbcc.cuny.edu/immersion*

Academic Honors

Dean's List

Room A-228

The Dean's List at Kingsborough Community College recognizes the academic excellence of our matriculated students each academic term. In order to qualify for the Dean's List, students must meet the following criteria for a given term (defined as 12-week session and 6-week module):

1. Earn 12 credits or more (not including developmental courses);
2. Achieve a grade point average (GPA) of 3.50 or higher for the term;
3. Not have grades of " D," " F," " FIN," " INC," " R," or "WU" at the time the list is produced; and
4. Be in good academic standing

Attainment of the Dean's List becomes part of students' permanent record and appears on their transcript.

Students who meet the above criteria will automatically be placed on the Dean's List. Students do not need to apply to be consider for this honor.

Dean's List Scholarship

The Dean's List Scholarship Award is available to a select number of Dean's List students as a way to further honor their achievement and encourage them to continue to pursue academic excellence. Students who have been on the Dean's List for their first two semesters and enroll full-time for a third semester are

eligible for the Dean's List Scholarship award of $300. Upon eligibility, students are then selected based on their GPA. A total of 60 awards are given each year. If there are more than 60 eligible students, students will be selected by the highest ranking cumulative GPA.

Transfer students and students who receive the WAVE scholarship are not eligible.

Students do not need to apply to be considered for the award. If eligible, they will be automatically contacted.

Honor Societies

Chi Alpha Epsilon

College Discovery
Room L-516, Ext. 5781

Chi Alpha Epsilon National Honor Society was founded at West Chester University of Pennsylvania in 1989. The Delta Pi Chapter at Kingsborough Community College was established in May 2012. The honor society was formed to recognize the academic achievements of students admitted to the college through non-traditional criteria and who are admitted to opportunity programs such as College Discovery, TRiO, and many others. The eligibility requirements are completion of ENG 1200 and maintaining a 3.00 or higher cumulative grade point average for two consecutive terms. In addition, member's permanent transcript will note that they are a member of the Chi Alpha Epsilon National Honors Society. Students are expected to engage in civic engagement activities, expand on leadership skills and always strive for excellence. For additional information go to *https://www.chialphaepsilon.org/*

Mu Alpha Theta

Mathematics & Computer Science Department
Room F-309, Ext. 5931

Sponsored by the Mathematical Association of America, Mu Alpha Theta is the national two-year college mathematics honor society (*www.mualphatheta.org*). It is dedicated to inspiring keen interest in mathematics, developing strong scholarship in the subject, and promoting the enjoyment of mathematics in two-year college students. Membership is open to students who complete eight (8) or more credits in mathematics courses numbered 1500 or higher and/or in computer science courses while maintaining at least a "B" grade in those courses, and receive the recommendation of the Mathematics Department faculty.

Phi Theta Kappa

Room M-377, Ext. 5365

The Phi Theta Kappa International Honor Society of the Two-Year College was established in 1918. Today, it's the largest honor society in American higher education, with more than 1.5 million members and 1,200 chapters located in all 50 states and abroad. The Phi Theta Kappa Chapter at Kingsborough

Community College, Xi Kappa, was established in 1965, shortly after the College was founded. In March 2006, Kingsborough's chapter was awarded the Phi Theta Kappa "Horizon Award" for the most revitalized chapter and in 2015 it was recognized as one of the Top 100 Chapters nationwide. Xi Kappa is a very positive force in the lives of Kingsborough students and offers tremendous opportunities for members to enrich their education while at Kingsborough by participating in a rich menu of co-curricular, on- and off-campus activities and events.

The purpose of Phi Theta Kappa is to nurture academic excellence at the college by promoting an intellectual climate and a special sense of community among the college's highest achieving students. The hallmarks of Phi Theta Kappa to which members pledge fidelity are scholarship, leadership, fellowship and service. Phi Theta Kappa affords numerous benefits to its members including thousands of dollars in transfer scholarships offered by many four-year colleges and universities. For a complete listing of scholarships for Phi Theta Kappa members go to *https://www.ptk.org/scholarships/how-our-scholarships-work/.*

To be eligible for Xi Kappa chapter membership, a student must have:

1. Earned 12 or more credits (beyond developmental courses)
2. Achieve a grade point average of 3.50 or higher with no grades of "D," "F," "FIN," "INC," "R," or "WU" and
3. English Proficient as per the CUNY Proficiency Index or Exemptions.

Membership in Phi Theta Kappa requires a one-time $65 lifetime membership fee, which is sent to the international headquarters of Phi Theta Kappa. In return, members receive a membership package containing a membership certificate, ID number, and the Society's gold pin of excellence. In addition, members' permanent transcript will note that they are a member of the Phi Theta Kappa Honor Society, and at graduation, they will be eligible to purchase and wear the Society's gold silk stole and tassel and be seated in a special section.

If you are eligible to join Xi Kappa, an email is sent at the beginning of each fall and spring term with details regarding the online application and payment.

There is a symbiotic relationship between the Xi Kappa Chapter and the Honors Program at Kingsborough. Both are housed in the Honors House in M-377, providing Honors students with an intellectual gathering place. For additional information go to *https://www.kbcc.cuny.edu/honors/student_organizations.html.*

Sigma Alpha Pi

Center for Career and Transfer Services
Room C-102, Ext. 5115

Sigma Alpha Pi (National Society of Leadership and Success) is a lifetime membership in one of the largest college leadership honor societies in the United States. The society is by invitation only for students with a grade point average of 3.00 or higher. Eligible students will receive a registration code in the invitation to register for the fall or spring session. If students do not receive an invitation but have a

grade point average of 3.00 or higher, they are encouraged to nominate themselves through the society's website at *https://www.nsls.org/* To receive more information email *leadershipsociety@kbcc.cuny.edu*

Honors Program

The Honors Program

Room M-377, Ext. 5365

The Honors Program offers a challenging and rewarding educational experience for academically-minded students. The program provides a platform for students to explore their scholarly interests through honors-level academic work open only to honors students. Honors work emphasizes independent research, critical thinking, and analytical writing and argumentation skills. Honors work may be transferable to a variety of four-year colleges and universities as well as open up opportunities for selective transfer scholarships. The Honors Program strives to nurture excellence in leadership and service in addition to excellence in academics. The ultimate goal of the Honors Program is to support students as they become active and engaged citizens and scholars while building strong academic and co-curricular resumes.

Honors Program Eligibility

Eligibility for Incoming Students:

- High school average of 85 or better
- CUNY Proficient in Math and English
- Combined SAT score of 1160 or higher, an ACT score of 24 or higher; **or**
- 80 or above on English Regents and 85 or above on Algebra I Regents; **or**
- by special permission of the Honors Program
- Completed Honors Program application

Eligibility for Continuing and Transfer Students:

- 3.2 GPA or better after 12 completed credits; maximum 30 credits completed towards degree*
- CUNY Proficient in Math and English
- B+ or better in ENG 1200 and/or ENG 2400
- A letter of Recommendation from a Kingsborough Community College faculty member
- Completed Honors Program application

*Special permission from the Honors Program may also be considered.

The Honors Office in M-377 serves as a one-stop shop for all Honors needs and services. For more information visit *www.kbcc.cuny.edu/honors*.

Department of Student Affairs

Room A-216, Ext. 5563

The mission of the Department of Students Affairs is to provide an inclusive environment in which students engage in innovative, stimulating, and high quality learning opportunities designed to facilitate personal growth and academic success. Our students will exemplify the core values of leadership, civic engagement, civility, and responsible global citizenship while moving forward successfully toward their academic and career goals.

Areas under the Department of Student Affairs include, Access-Ability Services, Athletics, Child Development Center, Community Standards/Student Conduct, CUNY EDGE Program, Men's Resource Center, New Student Orientation, Office of Military and Veteran Affairs, Office of Student Life, Scepter Newspaper, Student Handbook, Student Union and Intercultural Center, Student Wellness Services, TRiO, and Women's Center.

Student Development Course Offerings

SD 1000 - Freshman Seminar

1 Credit(s) Hours: *1 hr.*

This freshman seminar course assists incoming students in their college transition, facilitates interactive learning, and helps to develop knowledge and skills important for attaining academic success. In order to provide students with an opportunity to develop personally, academically, and socially, the course addresses the topics of learning styles, skills for academic success such as note taking and time management, career exploration, academic policies and procedures, information literacy and diversity. Students are encouraged to think critically, to develop an academic plan, and to learn outside of the classroom through out-of-class experience events such as slam poetry, yoga, and cultural diversity workshops. The class also promotes the development of a strong bond between students and their instructor as well as with the college community. This course supports Learning Communities.
Department: Student Affairs

SD 1100 - Career and Life Planning

1 Credit(s) Hours: *1 hr.*

Students have an opportunity to explore careers with emphasis on their interests, abilities, aptitudes and college experiences. They learn how to plan for future work and leisure time. Topics include the nature of work, contemporary changes in careers and work ethic, self-assessment, jobs, and changing lifestyles. Current labor market information is introduced followed by intensive, individual research and exploration of occupations. Instruction and practical assignments explore the dynamics and techniques of job-seeking, decision-making, goal-planning and priority-setting.
Department: Student Affairs

SD 1200 - Strategies for College Success

1 Credit(s) Hours: *1 hr.*

This course examines typical problems encountered in college and the strategies to overcome these difficulties. It offers an assessment of personal academic strengths and weaknesses and an examination of the internal and external barriers to academic success. Students are assigned a counselor/advisor to explore issues that often correspond to the course curriculum.
Department: Student Affairs

Student Life Office

Room C-123, Ext. 5597

The Department of Student Affairs' co-curricular activities program, coordinated by the Office of Student Life, is designed to enrich students' total college experience. The mission of the Office of Student Life is to provide programs and services that support the activities of student organizations to sponsor and support extra- and co-curricular activities designed to supplement students' classroom (both in-person and online) experiences, contributing to their personal and intellectual development.

Students, faculty, and staff work together to make decisions in areas of college governance and leadership training. Opportunities are available for students to participate on College Council, including participating on the College Council Standing Committees, the Kingsborough Community College Association, and many other college-wide committees.

Over 30 student organizations, organized and administered by students with assistance from faculty and staff advisors, develop academic, cultural, educational and social programs. Included are special interest groups, academic, cultural, religious and social groups, a literary and arts journal, radio station, newspaper, and yearbook.

Student Life organizes many events throughout the academic year in order to foster a sense of belonging and campus life. These events are open to all students. Events include films, cultural festivals, trivia, awareness programs, welcome back breakfast and lunches, and opportunities to win various prizes. Dates and campus locations of events are published on the Student Life web page, posted on easels and fliers around campus, the KCC events calendar, and on Instagram. Students can follow the Student Life Instagram page @kccstudentlife for upcoming events and IG Lives. To learn more about Student Life, visit, *http://www.kbcc.cuny.edu/studentlife*.

Student Government Association (SGA)

Room C-/D-201

Student Government Association (SGA) works with Kingsborough senior staff, faculty, and students to make sure student interests and needs are reflected in college decisions. SGA students sit on campus and university-wide committees and boards to address everything from student complaints and curriculum

changes to campus policies and how tuition/fees are spent. SGA also collaborates with and supports the programming efforts of other student clubs and organizations on campus through mentoring, volunteering, and event co-sponsorships. SGA hosts a variety of events to entertain, educate, and build community on campus. Past events have included trivia, live performances, trips to see Broadway shows, raffles/giveaway events, and more. SGA also works with the CUNY University Student Senate (USS) and CUNY administration to drive change, and support lobbying efforts with the NYC local and NYS state government. Membership in SGA is limited and is based on election, as set forth in the SGA Constitution. Follow @kccsga on Instagram for Office Hours, in-person and virtual events, and updates on how SGA is serving you. To learn more about SGA, visit, *http://www.kbcc.cuny.edu/studentlife/studentgovernment.html.*

Clubs and Organizations

Room C-123, Ext. 5597

From academic and social, to identity-based and special interests, the more than 30 student organizations at Kingsborough Community College reflect the diverse interests and activities of all students. Student organization involvement can introduce a student to new cultural experiences, help develop valuable leadership and organizational skills required in all aspects of life, and can lead to lasting friendships and community building. The number and types of student organizations change constantly as students' interests and concerns change. Student life hosts Involvement Fairs every Fall and Spring semester specifically for interested students to interact with the student organizations. To learn more about Clubs and Organizations, visit, *http://www.kbcc.cuny.edu/kccclubs/index.html*.

Radio Station WKRB

Room U-227, Ext. 5817

The college's student-operated FM station, WKRB-FM, broadcasts on 90.3 MHz and covers South Brooklyn and major portions of Queens and Staten Island and webcasts at *http://www.wkrb.org/* Serving approximately 200,000 listeners each week, WKRB provides entertainment, public affairs and community-oriented programming 365 days a year. Students in the Broadcast curriculum use the newly refurbished station as the lab in which to learn every aspect of radio broadcasting.

Student Handbook

Room A-216, Ext. 5563

The *Student Handbook*, an important resource and guide, provides students with information on all aspects of college life - campus rules and regulations, academic standards, counseling and related services, special programs, student activities, and more. Published in PDF format, *The Student Handbook* is available for download on the Kingsborough website.

Student Publications

Room M-230, Ext. 5603

Student publications provide an outlet for the expression of ideas, opinions, creativity and talent.

- *Scepter,* the college newspaper, prints college news, reviews college activities and sports, carries letters, opinions, commentary and items of interest to Kingsborough students and faculty.
- *Antheon*, the college literary and arts journal, encourages the expression of student poetry and fiction and the visual arts.
- *Odyssey,* the college yearbook, offers students an opportunity to produce an overview of the academic year and its graduates.
- *Orenda Comics*, the college comic book.
- *Kingsloop*, the college online magazine.

All publications are written, produced, managed and distributed by Kingsborough students with a faculty advisor. They are supported by the KCC Association and have been cited for excellence.

Athletic Activities

Room G-110, Ext. 5737

The Office of the Vice President for Student Affairs offers a program of intramural, recreation, and athletic activities geared to promote a variety of interests and skills.

Intramurals

The intramurals program is designed to enable students to participate in a wide variety of athletic and recreational activities on a voluntary basis.

The program consists of individual and team events such as touch football, volleyball, 3-man basketball, soccer, ping pong, handball, 5K run, and chess. In many of these intramural tournaments, Kingsborough students compete against each other with the winner representing the college in the CUNY-wide intramural championship. All events are co-educational.

Recreation

The recreation program offers students an opportunity to participate, at their own convenience, in sports and physical fitness activities including basketball, swimming, tennis, handball, racquetball, and training with weights, ping-pong and run/walk fitness hours.

Athletics

The Athletic Program is renowned in the northeastern part of the United States, offering men and women the opportunity to participate in a wide range of sports. Emphasis is placed upon promoting enjoyment, fitness, skill development, athletic and scholastic knowledge, and sportsman-like competition.

For women, the growing program includes varsity basketball, cross country, soccer, track (indoor and outdoor) and volleyball teams. The women's program is sanctioned by the local conference and by Region XV District of the National Junior College Athletic Association (NJCAA) on the regional, district and national levels.

Male varsity team programs include baseball, basketball, cross country, track (indoor and outdoor), soccer, and volleyball teams.

The men's program is sanctioned by The City University of New York Athletic Conference (CUNYAC), the local conference, and by Region XV District of the National Junior College Athletic Association (NJCAA) on the regional, district and national levels.

E-sports are offered for both men and women and we are members of the NJCAAE. Kingsborough fields teams in various E-sport titles such as Madden, NBA2k, FIFA, League of Legends, Valorant, Hearthstone, and Call of Duty.

Kingsborough is a member of The City University of New York Athletic Conference (CUNYAC), Region XV District of the National Junior College Athletic Association (NJCAA). There are 24 regions and 10 more encompassing districts geographically within NJCAA.

Victorious teams in the Regional structure compete against each other to determine District champions in each sport. Many of Kingsborough's teams and individual athletes have won national and regional awards and gone on to win scholarships to four-year colleges in their sports.

The College will not monitor student participation in physical education, open recreation, intramurals, or athletics. Students are responsible for following the advice of their physicians in these matters. The College will take no responsibility whatsoever for any injury students may suffer should they participate without medical advice, or against medical advice, or for any injury suffered as a result of any physical incapacity.

Student Support Programs

Access-Ability Services (Students with Disabilities)

Room D-205, Ext. 5175

Access-Ability Services (AAS) is committed to ensuring equal access and opportunity for students with disabilities at Kingsborough Community College (KCC). Our mission is to promote equity and inclusion by facilitating reasonable academic accommodations that support student success and full participation in college life. AAS serves as a resource for students with disabilities by providing guidance, advocacy, and individualized support. Students seeking academic accommodations are encouraged to complete an application and submit appropriate supporting documentation. To learn more about Access-Ability Services, including eligibility requirements and the application process, please visit: *https://www.kbcc.cuny.edu/access-ability/homepage.html.*

If you have questions or would like assistance, contact Access-Ability Services at (718) 368-5175 or aas@kbcc.cuny.edu.

Access Resource Center (ARC)

Room E-115 & E-116, Ext. 5411

Access Resource Center (ARC) connects Kingsborough students and campus community to government entitlements and resources. Whether it's childcare, SNAP, clothing or housing assistance, you can receive a referral for services available to you. ARC also provides, financial, legal and tax preparation services.

To learn more about ARC services visit, *http://www.kingsborough.edu/arc/homepage.html.* Students can also complete an intake form to be contacted by a coordinator through the following link, *http://www.kingsborough.edu/arc/intake.html.*

Child Development Center

Room V-105, Ext. 5868

As a service for students who are parents, Kingsborough's Child Development Center accepts a limited number of children, ages two (2) years through ten (10) years (school age for after care only) each term. The children receive low-cost professional care and an enriched educational program, which also includes breakfast, lunch, and snacks, at this licensed facility.

All Kingsborough students are eligible to apply for a slot for their child, according to their class schedule. Priority is given to full-time matriculated students. Fees are based on the number of hours children are enrolled; when possible, subsidized rates available through public funding are offered to parents who qualify. To apply, parents are encouraged contact the center for further information.

The Center also offers 3K and Pre-K For All, which are free full-day pre-school programs through the New York City Department of Education and are taught by licensed, certified teachers. Children must be three (3) years old (or turning three [3] in the current year) to participate in the 3K For All Program, and four (4) years old (or turning four [4] in the current year) to participate in Pre-K for All.

CUNY EDGE

Room T4-216, Ext. 4660

CUNY EDGE (Educate, Develop, Graduate and Empower) formerly known as the COPE program, is funded and operated in partnership between the New York City Human Resources Administration (HRA) and the City University of New York (CUNY) to provide matriculated CUNY students receiving public assistance with the supports they need to succeed in college, secure sustainable employment, and to become civically engaged members of society.

The program provides ongoing individualized academic, personal, and career advisement services as a means of promoting a culture of academic excellence to support students to persist to graduation and secure meaningful and sustainable employment.

CUNY EDGE manages the HRA Fellowship Program (FP), which offers on-campus paid work opportunities that provide students invaluable professional experience. HRA determines HRA Fellowship Program eligibility and CUNY EDGE ensures the appropriate assignments that align with students' majors, interest, and level of experience

Men's Resource Center

Room U-218, Ext. 5864

The Men's Resource Center provides academic and peer support to self-identified men of color to help empower them and improve their college experience. Services provided to help students achieve their goals include professional and peer mentoring, intensive academic support, networking with other students, career exploration, and cultural and educationally-focused trips and activities.

TRiO Student Support Services

Room D-124, Ext. 4850

Affiliation with TRiO increases the chances of persistence leading to graduation. We address the academic and vocational needs of students with disabilities, first-generation and low-income students; only one status is necessary. The program provides advisement, counseling, assistance with the selection of a major, technology and academic workshops, transfer assistance, and other initiatives such as academic coaching. Intakes are available throughout the calendar year.

KCC Urban Farm

Between T8 and T2, Ext. 6578

Established in 2011, the mission of KCC Urban Farm is to grow a variety of produce organically and to catalyze thought, dialogue, and action around food system issues. Managed by staff, students, and faculty, the quarter-acre site includes approximately 7,000 square feet for cultivation and learning experiences for the entire Kingsborough community. The Farm produces approximately 4,000 pounds of fresh vegetables each year most of which are distributed to students for free in partnership with Single Stop. KCC Urban Farm is an outdoor laboratory for examining how a wide range of issues intersect with our food system. KCC's Urban Farm has become a place for Kingsborough students to explore sustainability issues in an engaging, hands-on environment.

Student Wellness Services

Student Wellness Services (SWS) is dedicated to supporting the physical, emotional, psychological, and social well-being of Kingsborough Community College students. Our mission is to foster student success by providing compassionate, student-centered care, connecting students with campus and community resources, and promoting a healthy and supportive campus environment.

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Through direct services, outreach, education, consultation, and prevention initiatives, SWS works to increase awareness of health and wellness issues, encourage help-seeking behaviors, and reduce stigma surrounding physical and mental health concerns. By creating safe spaces for dialogue and engagement, we empower students to develop the skills and resources needed to thrive both academically and personally.

SWS includes four integrated programs: the Counseling Center, Health Center, Wellness Center, and Women's Center. All currently enrolled Kingsborough students are eligible to receive free and confidential services. Our team of licensed health and mental health professionals provides care in a welcoming, inclusive, and judgment-free environment through both in-person and remote service options.

For more information about Student Wellness services and its programs, visit *http://www.kbcc.cuny.edu/sws/*.

Counseling Center

Room D-102, Ext. 5975

The Counseling Center supports students' mental health, personal growth, and overall well-being through free, confidential services. Students can meet with a counselor in a supportive, nonjudgmental environment to discuss personal, academic, or life challenges, develop coping strategies, and connect with campus and community resources. Services include short-term individual and group counseling, crisis intervention, and referrals to specialized or longer-term care when needed. Faculty and staff may also consult with Counseling Center professionals regarding students who may benefit from additional support. To learn more or schedule an appointment, call 718-368-5975, email Counseling.Center@kbcc.cuny.edu, or visit *www.kbcc.cuny.edu/sws*.

Wellness Center

Room A-108 E and F, Ext. 5300

The Wellness Center promotes student well-being through education, prevention, and community engagement. Taking a holistic approach to health and mental health, the Center offers workshops, wellness events, outreach programs, and referrals to campus and community resources. Students can explore strategies for self-care, stress management, healthy relationships, and overall wellness while building skills that support academic and personal success. To learn more about Wellness Center programs and services, call 718-368-5975, email Counseling.Center@kbcc.cuny.edu, or visit *www.kbcc.cuny.edu/sws.*

Health Center

Room A-108, Ext. 5684

The Health Center supports students' physical health and well-being through health assessments, education, prevention, and referral services. The Center assists students with immunization and health compliance requirements and helps address health-related concerns that may affect academic success. A Registered Nurse is available while classes are in session to provide first aid, emergency care, health education, and referrals to community providers when needed. In addition, the Health Center provides a respite space for students experiencing medical concerns and a lactation space for breastfeeding students. To learn more or speak with a member of the Health Center staff, call 718-368-5684, email Health.Center@kbcc.cuny.edu, or visit *www.kbcc.cuny.edu/sws*.

The Women's Center

Room M-382, Ext. 4700

The Women's Center provides a welcoming and inclusive space where students can connect, build community, and access resources that support their personal, academic, and professional growth. Students can utilize the Center for studying, connecting with peers, receiving support, and participating in workshops, educational programs, and special events. The Center also offers a dedicated lactation space for breastfeeding students. While the Women's Center focuses on issues that impact women, it welcomes all students seeking community, resources, and opportunities for learning and connection. To learn more, call 718-368-4700, email Womens.Center@kbcc.cuny.edu, or visit *www.kbcc.cuny.edu/sws*.

Transfer Policies and Procedures

The consideration of transfer credit is determined by course equivalencies, including expected learning outcomes, with those of the College's curricula and standards. Kingsborough Community College applies the guidelines listed below in order to award academic credit for prior learning.

Transfer Policies:

Advanced Standing Credit

A maximum of 30* credits will be accepted toward degree completion through the combined options of testing and course transfer, provided that each course was completed with a satisfactory grade; the course content is equivalent to a Kingsborough course; and the course is appropriate to the student's graduation requirements.

> **45 credits for students who are enrolled in Kingsborough Community College's Department of Education (DOE) - approved fully online Liberal Arts program.*

Awarded Credit

Credit will be awarded for courses from a regionally accredited non-CUNY college in which the grade earned was "C" or better. In those cases where a grade of "C-" carries two quality points on a four point scale, transfer credit will be granted. Courses with a grade value of "pass" or "satisfactory" will be accepted as transfer credits when the transcript states that a "pass" or "satisfactory" is equivalent to a "C" or above. All passing grades are accepted from CUNY colleges.

Transfer courses will be awarded credit with no grade value (quality points) assigned. Transfer credits approved by Kingsborough Community College are counted towards attempted and completed credits. Transfer credits are not counted towards the grade point average (GPA).

Credit for Prior Learning (CPL)

Students may also earn academic credit through nationally recognized standardized examinations consistent with the CUNY Policy on Credit for Prior Learning (CPL). Students must meet required minimum passing scores in order for credit to be awarded.

Standardized Examinations

- Advanced Placement (AP)
- Advanced International Certificate of Education Program (AICE)
- Defense Activity for Non-Traditional Education Support (DSST) (formerly DANTES)
- Defense Language Proficiency Test (DLPT)
- College Level Examination Program (CLEP)
- International Baccalaureate (IB) Organization Diploma Program

Awarding of credit for the above Standardized Examinations will count towards the transfer credit maximum of 30 credits.

Students requesting transfer credit should contact the Admissions Office, V-101, or email Transfer.Evaluations@kbcc.cuny.edu.

Note: Credit from Standardized Exams will not be accepted for courses that are part of the Admission Criteria for the Nursing and Allied Health Programs.

Credit for Non-Collegiate Learning

Students may also earn academic credit through engagement in non-collegiate learning, which is learning acquired outside of a college or university. This includes non-collegiate learning through Kingsborough's Workforce Development/Continuing Education programs (see Internal Transfer Agreements) as well as licenses and certifications. Awarding of credit for non-collegiate learning will count towards the transfer credit maximum of 30 credits.

Military Transfers

Kingsborough offers credit for knowledge and experience gained through military service, taking under advisement the credit recommendations from the American Council on Education (ACE) Military Guide, Joint Services Transcript (JST), and the following Standardized Examinations, the nationally recognized Defense Activity for Non-Traditional Education Support Credit-by-Exam Program (DSST) and Defense Language Proficiency Tests (DLPT). Awarding of credit for military credit will count towards the transfer credit maximum of 30 credits.

American Council on Education

The American Council on Education (ACE) has faculty who review, evaluate and recommend college credit for courses and training offered at a wide range of institutions. The ACE website lists the participating organizations and the specific courses they recommend for college credit. To request the application of ACE recommended credits to your degree, have the institution where you took the course(s) send an official transcript which details the ACE recommendations. ACE credit recommendations are taken under advisement when evaluating credit for non-collegiate learning.

Documents from outside of the United States

Kingsborough does not evaluate foreign school documents or make admission decisions for international students; all foreign school documents are evaluated by the University Application Processing Center (UAPC). Once they have evaluated foreign documents, the Admission's Office at Kingsborough can conduct an evaluation of earned credits.

Pathways Transfer Policies for Common Core Courses

Once given, Common Core credit cannot be taken away, but a subsequent CUNY receiving college can designate additional completed courses as meeting Common Core requirements.

For within-CUNY transfers, the sending college will designate which of a student's completed courses have fulfilled Common Core requirements on their campus. Receiving colleges cannot subtract from a student's list of completed courses that fulfill the Common Core. Courses that were not included in the Common Core at the sending college but are equivalent to courses that fulfill Common Core requirements at the receiving college will be coded as fulfilling the requirement upon transfer. The receiving college may also evaluate additional courses not designated by the sending college as fulfilling Common Core requirements regardless of course equivalency based on an evaluation of whether the course meets the Pathways learning outcomes. In consultation with the student, the receiving college may change the Pathways requirement designation for a course to a different Pathways requirement designation, if doing so would be in a student's best interest, and if the receiving college finds that the course meets the learning outcomes of the other Pathways area.

For transfers from outside CUNY, receiving colleges will evaluate courses in the context of the Common Core learning outcomes. Courses evaluated as fulfilling Common Core requirements by the first CUNY receiving college will maintain that designation if the student later transfers to another CUNY college. The second (or later) CUNY receiving college must accept Common Core designations as determined by the first CUNY college, but may also evaluate any additional courses not designated by the sending college as fulfilling Common Core requirements to assess whether these courses meet the second (or later) CUNY receiving college's own requirements.

The rules above apply only to the evaluation of courses for the Common Core and not to any courses taken for the major or as electives. In the evaluation of credits for the major, each CUNY college will evaluate the courses if there are multiple transfers. Exception: Courses that have been designated as Gateway Courses into majors will be accepted for major credit and/or credit as prerequisites for that major at all CUNY colleges that offer that major. That designation will be accepted at any CUNY college to which the student might subsequently transfer.

Pathways Appeals

Students can appeal to the Pathways Appeals Officer, located in A-228, for course reevaluation, following denial or restriction of transfer credit(s) for courses determined through their transfer credit evaluation.

If the appeal is denied by Kingsborough, the student can file an appeal to the CUNY Office of Academic Affairs (OAA). Information concerning appeals to the CUNY Office of Academic Affairs (OAA) can be found at the following website:*https://www.cuny.edu/academics/initiatives/pathways/rightsandresponsibilities/appealsprocess.html*

Course Age

In general, courses will be considered for transferability regardless of their age. However, the Nursing program restricts the age of Biology courses to be less than 10 years.

Change of Curriculum

When submitting a Change of Status Application form to change your Plan/Major, you should also file an Application for Advanced Standing for the new Plan/Major to have your credits re-evaluated to fit the requirements of your new degree. These forms must be submitted to the Registrar's Office, A-101.

Developmental Courses

Developmental courses are not accepted as transferred courses. However, Math courses equivalent to Kingsborough's Elementary Algebra, MAT M200, course are shown on the transcript, with no credits earned, to ensure proper Math placement.

Second Degree Students

Students who have received an associate's degree from Kingsborough may apply for a second degree from the College. Second degree applicants must file a transfer application at the Admissions Office. Applicants may be required to pay the application fee. Students pursuing a second degree are required to complete a minimum of 30 credits towards the current associate's degree in residence.

Certificate Programs

Matriculated students may request transfer credits be evaluated. At least one-half of the total number of credits needed for the certificate must be taken in residence.

Transfer Procedures:

Transfer of Credits

Transfer students who have previously attended a college or other college-level post-secondary school must submit a Transfer Application along with an official transcript from **each** college or post-secondary school attended. An official High School transcript with date of graduation, or High School Equivalency (HSE) diploma is also required.

Only official transcripts or score reports sent directly to Enrollment Services from the issuing institutions/organizations or delivered in a signed, sealed envelope will be reviewed. Facsimiles and/or unsealed documents are not considered official. Official documents for credits earned prior to admission should be submitted no later than the end of the first session or module of attendance to meet subsequent course prerequisites and provide for accurate academic planning for degree completion. External courses and exams completed while currently in attendance should be submitted as soon as possible.

Students who have transferred from Kingsborough Community College without earning an associate degree or certificate may complete program requirements by transferring back two (2) courses or eight (8) credits that have been successfully earned at other institutions and are approved as equivalent to the degree requirements of a program of study at the College, in accordance with the 30 credit maximum transfer credit policy noted above.

Appeal Procedures

It is possible that errors in the articulation of coursework or prior learning can occur. In the event a student believes that this has occurred, he or she should contact the Transfer Evaluation Team to discuss the evaluation results with a transfer evaluator and provide any additional documentation needed to assist with the review (e.g., an updated transcript or college catalog, syllabus, or other documentation from the sending institution). Appeals can be emailed to Transfer.Evaluations@kbcc.cuny.edu.

If this issue has not been resolved, then the student can appeal to the Chairperson of the individual academic department to which the course belongs.

Transfer to Four-Year Colleges and Universities

CUNY Transfer Policy

If you have graduated from a CUNY community college and would like to apply to a CUNY four-year college, you must complete a Transfer Admission Application. Admission to a CUNY four-year college is guaranteed, although not necessarily to the program or college of your first choice, if you have earned an Associate in Arts, Associate in Sciences and Associate in Applied Sciences degree with a 2.00 cumulative grade point average or higher.

If you have graduated or will graduate as a part of the CUNY Justice Academy, you do not need to fill out a Transfer Admission Application; for more information visit *http://www.jjay.cuny.edu/cuny-justice-academy*

SUNY Transfer Policy

The SUNY Transfer Guarantee Program pledges that "A New York State resident who wishes to transfer from a State University of New York two-year college, including all community colleges throughout the state, and who possesses, or who will have, an Associate in Arts or Associate in Science degree at the time of transfer, is guaranteed an opportunity to continue education on a full-time basis at a senior campus of the University." All other students, with or without a degree, may apply for admission to SUNY units but the guarantee does not extend to them. For more information visit *www.suny.edu.* The SUNY Transfer Guarantee Program Policy can be found at the following link, *https://www.suny.edu/sunypp/documents.cfm?doc_id=345#Policy*

Private College Transfer Policies

Students who wish to transfer to a private college should check the websites, catalogs, and directories of the college they wish to attend.

Articulation Agreements

A transfer articulation agreement is a written contract between Kingsborough Community College and a four-year college or university that contains agreed upon courses or programs that will transfer over to that particular four-year institution. This is an assurance that if students complete courses or academic programs at Kingsborough with satisfactory grades (as specified by the receiving institutions), apply and are accepted to the four-year institution, those completed courses or programs will be applied toward the baccalaureate degree before transferring to a four-year college.

Kingsborough maintains, and continually updates and expands, its transfer articulation agreements; visit A-228 for further information about articulation agreements or go to the college website at *https://www.kbcc.cuny.edu/transartic/transfer_agreements.html*

Financial Aid

Office of Financial Aid

Room U-201, Ext. 4644

Financial assistance is available to students to help pay for their educational costs. Kingsborough Community College participates in the Federal and State financial aid programs as well as other aid programs.

All matriculated students who wish to be considered for financial aid must complete the Free Application for Federal Student Aid (FAFSA) or the FAFSA Renewal Application annually by visiting *https://studentaid.gov/h/apply-for-aid/fafsa.* By completing the FAFSA, a student may be eligible to receive Title IV aid such as Pell, the Federal Supplemental Education Opportunity Grant (FSEOG), the Federal Work Study Program (FWS), and the Federal Direct Loan Program. Before completing the FAFSA application, all students and their contributors must create an FSA ID by visiting *https://studentaid.gov/fsa-id/create-account/launch*. A contributor refers to anyone who is required to provide information on the FAFSA form. A student's or parent's answers on the FAFSA form will determine which contributors (if any) will be required to provide information. For more information on contributors, students and parents can visit *https://studentaid.gov/apply-for-aid/fafsa/filling-out/help/contributor-information-list.* The FAFSA must be completed for each academic year a student is enrolled in college.

Legal New York State residents must also complete the New York State, Tuition Assistance Program Application (TAP) with New York State Higher Education Services Corporation (NYSHESC) to be considered for TAP. The TAP Application can be completed electronically at *https://www.tap.hesc.ny.gov/totw/*.

To receive maximum consideration for the different financial aid programs it is suggested that students submit their applications for the next academic year as soon as possible. The FAFSA is available beginning October 1st of each year.

IMPORTANT NOTES

A. All currently enrolled students who have applied for financial aid must check their "To-Do-List" in the CUNYfirst portal to verify whether additional documents and/or actions are required by the Office of Financial Aid to complete their financial aid application.

B. The award year at Kingsborough Community College consists of two terms, Fall and Spring. The Fall term includes a 12-week Fall session and a 6-week Winter module. The Spring term includes a 12-week Spring session and a 6-week Summer module. In order to receive full-time financial aid for any term, a student must register/(preregister) for at least twelve (12) equated credits for both the session and module (Fall/Winter or Spring/Summer) by the seventh day of the 12-week session, e.g. by the seventh day of either the Fall or Spring session.

C. In some cases, financial aid is paid close to the beginning of the Fall or Spring session and covers both that session and the module (Fall/Winter or Spring/Summer). If a student fails to attend the module (either Winter or Summer), they may have to repay a portion of their aid.

Federal Student Aid Programs

To be eligible for Federal Financial Aid, a student must:

1. Be a citizen or eligible non-citizen of the United States.
2. Have a valid Social Security Number.
3. Have a high school diploma or High School Equivalency (HSE) diploma, either through passing the General Education Development (G.E.D.) exam or Testing Assessment Secondary Completion (TASC™) or the student must pass an independently administered test approved by the U.S. Department of Education, or meet other standards that New York State establishes that are approved by the U.S. Department of Education.
4. Be enrolled in an eligible program as a regular student seeking a degree or certificate.
5. Maintain academic progress (as defined in the Satisfactory Academic Progress Requirements for Federal Aid Programs section).
6. Not owe a refund on a federal student grant or be in default on a federal student loan.

The Pell Grant

The Pell grant is available to eligible matriculated full-time or part-time students. Students must meet federal academic standards to receive this grant. The award amount is based on need, which is determined by the FAFSA.

IMPORTANT NOTES

A. There is a limit to the total amount of Pell a student may receive in his/her lifetime, which is equal to 600%. Pell may be awarded for a maximum of 30 equated/developmental credits, excluding English as a Second Language (ESL) courses.

B. Non-degree students and those holding foreign student visas are NOT ELIGIBLE to receive federal financial aid.

The Supplemental Educational Opportunity Grant (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) is a federally sponsored program, administered by the College and is available to exceptionally needy students. In order to receive FSEOG, a student must be a Pell grant recipient. The FSEOG is an extremely limited fund, which is generally awarded to the earliest FAFSA applicants. The maximum grant awarded annually is based on the availability of funding.

Federal Work-Study (FWS) Program

The Federal Work Study (FWS) Program provides part-time jobs to students with financial need, allowing them to earn money to help pay for their educational expenses. The program encourages community service work and work related to the student's course of study. Employment may be located on, or off-campus, and may take place during the academic year (including vacation periods) and/or during the summer months. Students are paid by the hour. Wages for the program are at least equal to the current federal minimum wage. The amount earned by the student cannot exceed the total FWS award. When assigning work hours, the employer/supervisor and work study coordinator will consider the student's award amount, his/her class schedule and the student's academic progress. Recipients are required to maintain Satisfactory Academic Progress (SAP). The FWS is an extremely limited fund which is generally awarded to the earliest FAFSA applicants. Eligibility for this program is based on need. Need is determined by the FAFSA.

NOTE: Acceptance of the FWS award does not guarantee employment.

For Previous Recipients of the Federal Perkins Loan Program (FPL)

Although the Federal Perkins Loan Program (FPL) is no longer funded, any student who previously received a loan is expected upon completion of study, withdrawal from the college, or upon falling below half-time (6 credits), to complete an Exit Counseling Session. There will be a nine-month grace period before repayment of the loan begins at a 5% simple interest rate for up to a 10-year repayment period.

The Federal Direct Loan Programs

The William D. Ford Federal Direct Loan (Direct Loan Program) provides Federal student loans, including Direct Subsidized Loans, Direct Unsubsidized Loans, and Direct Parent PLUS Loans, through the U.S. Department of Education (ED) to help eligible students and parents pay for higher education expenses.

1. **Direct Subsidized Loans:** Direct subsidized loans are for students who have demonstrated financial need. The federal government subsidizes these loans, so the loans do not accumulate any interest until the student begins repayment. Subsidized student loans are interest-free loans that are backed by the federal government.

2. **Direct Unsubsidized Loans:** There is no requirement to demonstrate financial need. Interest accrues from the time the funds are disbursed until the loan is paid in full. A borrower can choose either to pay the interest or allow it to accumulate until repayment begins. The government guarantees the loan, but does not subsidize the interest, which means the government does not pay the interest while the student is in school.

In order to receive any of the above federal loans, an applicant must attend at least half-time (six credits), be in good academic standing, and maintain satisfactory academic progress toward their degree. The loan amount borrowed cannot exceed the Cost of Attendance minus the Student Aid Index (SAI) minus Other Financial Assistance. Loan proceeds cannot be disbursed until 30 days after the first day of class, and will

be disbursed in two separate installments. Loan repayment begins six months after the student is no longer in attendance, falls below six credits per semester, or the student graduates. Direct Loans have a six-month grace period before payments are due. Borrowers can take up to 10 years to repay the loan.

> **NOTE:** All loan recipients who complete their degree requirements, withdraw from the college, or fall below six (6) credits must complete an Exit Counseling Session by visiting *https://studentaid.gov/*.

IMPORTANT NOTES

A. All loans are subject to an origination fee before they are disbursed. The origination fee for the corresponding year in which a student requested federal student loans can be found by visiting *https://studentaid.gov/understand-aid/types/loans/interest-rates*

B. Federal student loan Interest rates are set annually, with new rates taking effect on July 1st of each year. Interest rates for all federal student loans and for the corresponding year in which a student requested federal student loans can be found by visiting *https://studentaid.gov/understand-aid/types/loans/interest-rates*

Annual Loan Limits for Subsidized and Unsubsidized Loans

	Subsidized	***Unsubsidized***	***Total Subsidized & Unsubsidized***
Dependent Students			
1st Year	**$3,500**	**$2,000**	**$5,500**
2nd Year	**$4,500**	**$2,000**	**$6,500**
Independent Students			
1st Year	**$3,500**	**$6,000**	**$9,500**
2nd Year	**$4,500**	**$6,000**	**$10,500**

Aggregate Undergraduate Loan Limit

Dependent students: $31,000. No more than $23,000 of this amount may be subsidized loans.
Independent Students: $57,500. No more than $23,000 of this amount may be in subsidized loans.

The Direct Parent PLUS Loan: These loans are made to parents of dependent undergraduate students to help pay for educational expenses not covered by other financial aid. The Parent PLUS loan is not need-based, but requires credit approval.

Consolidation Loan

A Direct Consolidation Loan allows students to consolidate (combine) multiple Federal education loans into one loan. The result is a single monthly payment instead of multiple payments. Loan consolidation gives access to additional loan repayment plans and forgiveness programs. There is no application fee to consolidate your loans. A Direct Consolidation Loan has a fixed interest rate for the life of the loan. Loans must be in repayment (or have entered the grace period) before they can be consolidated. If the

loan is in default, the loan can be consolidated only if, before applying for consolidation, satisfactory repayment arrangements have been made with the holder of the loan. You can apply for a Direct Consolidation Loan by visiting *https://studentaid.gov/loan-consolidation/*. You can complete and submit the application online, or you can download and print a paper application for submission by U.S. mail.

NOTE:
Consolidation does not increase existing loan limits.

Alternative Loans

Alternative loans, also known as private student loans, may be used by KCC students and their families when a student is not eligible for Federal Direct Loans because they do not meet Federal eligibility requirements or when a student has received the maximum Federal Direct Loan amount available for a particular loan period but still needs additional funds to help meet the cost of attendance. The costs, interest rates, fees, repayment terms, and eligibility requirements for alternative loans vary by lender. Private lenders generally review the borrower's credit history and may require a co-signer. Some alternative loan programs may also have enrollment requirements, such as a minimum number of credits or matriculation in a degree program. The KCC Office of Financial Aid does not endorse or recommend any particular alternative loan program or private lender. Students and their families are encouraged to carefully compare interest rates, fees, repayment terms, eligibility requirements, and other loan conditions before selecting a private lender.

Changes to the Federal Direct Loan Program starting July 1, 2026

On July 4, 2025, the One Big Beautiful Bill Act (OBBBA) was signed into law, resulting in significant changes to federal student aid programs, including changes to federal student loan limits. Student maximum loan amounts for the term will now be based on their current enrollment. Students are encouraged to carefully review these changes by visiting *https://studentaid.gov/announcements-events/big-updates/definitions#loan-limits*.

Return of Title IV Funds

A student is awarded Title IV Federal Aid with the assumption that they will complete the entire period for which they were awarded. The Higher Education Act of 1965, as amended, requires a student to earn Title IV funds on a pro rata basis. When a student ceases enrollment in all courses in a given session or module after the session or module begins, the U.S. Department of Education requires the college to determine if the student earned some portion of the federal aid awarded.

Depending on a student's eligibility, federal financial aid awards, such as the Pell Grant, FSEOG, or Direct Loans, are awarded based on the student's Enrollment Intensity as of the end of the add/drop period. Enrollment Intensity is the percentage of full-time enrollment at which a student is enrolled, rounded to the nearest whole percent (see chart below).

Enrolled Credits	Enrollment Status	Enrollment Intensity
12 (or more)	Full-Time	100%
11	Three-Quarter Time	92%
10		83%
9		75%
8	Half-Time	67%
7		58%
6		50%
5	Less Than Half-Time	42%
4		33%
3		25%
2		17%
1		8%

The last day to add/drop courses is the seventh day of classes of a term, which is the Financial Aid Certification of Enrollment Date. On the Financial Aid Certification of Enrollment Date, the Office of Financial Aid will lock in a student's Enrollment Intensity for the entire term (this includes the 12-week session and 6-week module).

For example, if a student starts the term with 12 or more equated credits, but drops courses to 6 equated credits by the end of the add/drop period, then the student's financial aid awards will be down to the new Enrollment Intensity based on eligibility. This means that the student may incur a balance and will be required to repay Kingsborough Community College a portion of the refunds or financial aid awards he/she may have received.

On the seventh day of the 12-week session, a student's Enrollment Intensity is locked for the term, which means financial aid award amounts will be based on enrollment at the time the Office of Financial Aid locks it in. Courses that are dropped after the seventh day of classes, but before the official withdrawal period begins, will be assigned a grade of "WD" for financial aid purposes. A student who receives all "W" type grades ("W," "WA," "WD," or "WU") in a given session or module will have the federally mandated Return of Title IV Aid (R2T4) calculation performed. Based on this calculation, a portion of the aid might need to be returned to the Federal Government and the student might incur a balance due to Kingsborough Community College.

Failure to Attend Registered Courses ("WN" Grades)

To qualify for Federal or State financial aid, one of the requirements, is that a student must complete registration and begin attending their classes. If a student receives a financial aid payment (made to the college or made to the student as a refund) for classes, he/she never attended a "WN" grade is assigned to the student and the student must return the payment immediately to Kingsborough Community College.

To avoid receiving an overpayment of financial aid, it is important that a student drops any courses well before the first day of classes if they will not be attending Kingsborough Community College. Students will be held responsible for any charges and over payments of financial aid they have received and do not return due to failure to start attendance at Kingsborough Community College.

For further details regarding financial aid go to *https://www.kbcc.cuny.edu/financialaid/homepage.html*

Satisfactory Academic Progress (SAP) for Federal Financial Aid Programs

Satisfactory Academic Progress (SAP) is defined as the successful completion of coursework toward an eligible degree or certificate. Federal regulations require the Office of Financial Aid to monitor the academic progress of students receiving financial aid. Students must remain in good academic standing to receive funding under the Federal Student Aid Programs.

Kingsborough Community College's SAP Standards:

1. Applies to all students who wish to establish or maintain financial aid eligibility.
2. Applies to the student's entire academic record, whether or not financial aid was received for prior terms of enrollment.
3. Includes a minimum grade point average, minimum completion rate, and total number of credits earned and/or semesters enrolled.

Federal regulations require the College to establish and apply reasonable standards of Satisfactory Academic Progress for the purpose of the receipt of financial assistance under the programs authorized by Title IV of the Higher Education Act. The programs subject to this rule include, but are not limited to the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work-Study (FWS), Federal Direct Loans (Subsidized and Unsubsidized), and Federal PLUS (Parent) loans. Failure to meet the requirements listed below will result in the suspension of financial aid eligibility.

There are three components to maintaining SAP:

Grade Point Average (GPA), Pace of Progression (Completion Rate), and Maximum Timeframe.

These standards are all cumulative, meaning that the Office of Financial Aid looks at a student's entire academic record. Each of the components is further discussed below.

1. **Minimum GPA:** To be in good academic standing a student at Kingsborough Community College must earn a minimum grade point average based on the number of credits they have attempted. The table below shows the minimum GPA standards required for students to maintain eligibility for federal student aid:

Credits Attempted	Required Cumulative GPA
0.5 – 12	a minimum GPA of 1.50
12.5 – 24	a minimum GPA of 1.75
24.5 and over	a minimum GPA of 2.00

2. **Pace of Progression (Completion Rate):** A student is also required to maintain a pace that will enable them to successfully complete a percentage of all attempted credits each academic year. To maintain "pace" requirements, a student at Kingsborough Community College must earn a certain percentage of the total number of credits they attempt according to the table below.

Attempted*	**12**	**18**	**24**	**30**	**36**	**42**	**48**
Earned	0	2	4	6	13	19	23
%	0	10	15	20	35	43	46

Attempted*	**54**	**60**	**66**	**72**	**78**	**84**	**90**
Earned	27	33	39	44	49	55	61
%	50	54	58	60	62	65	67

*Attempted credits and credits earned are accumulated at the end of each term. Attempted credits include

- All credits from courses for which a student is registered as of the first day of the term (this includes credits taken during enrollment as a non-degree student).
- All credits for courses in which the student registered, but subsequently withdrew from or failed.
- Transfer credits from another school that are accepted and applied towards a degree/major by Kingsborough Community College.

Earned credits include:

- All credits completed with grades of **"A," "B," "C," "D," "CR"** or **"P"**.
- Transfer credits that are accepted and applied towards a degree/major by Kingsborough Community College

Grades of **"F," "FIN," "W," "WA," "WD," "WU," "INC," "NC"** or **"Z"** count as attempted credits, however, they do not count as earned credits.

Incomplete Grades (INC): Incompletes are counted as attempted credits. A student can make up an "INC" grade by the end of the 10th week of the following session. Only then will the course/credits be counted towards the grade point average calculation and completed credits. If a student does not complete that course by the end of the 10th week of the following 12-week session, the "INC "will change to a failing grade (**"FIN"**) which negatively affects the GPA.

Developmental (Remedial) Courses: Developmental hours are not counted towards the grade point average, attempted credits, or completed credits. A student will not receive federal student aid for more than 30 developmental hours.

Transfer Credits: Transfer credits approved and applied towards a degree/major by Kingsborough Community College are counted towards attempted and completed credits. Transfer credits are not counted towards the grade point average.

Repeated Courses: All repeated courses affect the financial aid Satisfactory Academic Progress calculations. A repeated course, along with the original attempted course, will be counted as attempted credit hours. For further information on repeated courses reference the *Grades* section of this catalog.

Readmission Under the Forgiveness Policy:

Federal Student Aid does not consider the Forgiveness Policy when determining if students are maintaining Satisfactory Academic Progress (SAP). The Financial Aid Office counts all attempted and completed credits since a student's first semester at Kingsborough Community College. The total number of attempted and completed credits is used to determine if students are maintaining SAP. Additionally, students' cumulative grade point average (GPA) is used to determine if they are maintaining SAP. A student readmitted under the Forgiveness Policy may not meet the SAP standard in their first semester of re-enrollment.

Readmission Under the Forgiveness Policy and the Academic Plan:

Students who are readmitted under the Academic Forgiveness Policy and placed on an academic plan must meet and maintain the GPA required by their academic plan. The GPA requirement will be based on the requirements of the student's new academic program. Students will receive their academic plan by email after their SAP appeal has been submitted and approved.

Maximum Timeframe: A student must complete their degree or certificate within a maximum timeframe, which is equal to 150% of the published length of their chosen degree program or certificate measured in academic years. For example, if the length of an A.A., A.S., or A.A.S. degree program is 60 credits, the maximum period to receive Financial Aid may not exceed 90 (60 X 1.5 = 90) attempted credits. Students who have reached the maximum time frame will become ineligible for financial aid.

IMPORTANT NOTES

A. Repeated courses can generally be counted towards degree requirements. However, each time a student attempts courses, they are included as part of the attempted credit record.
B. Readmitted, transfer, or second degree students may have special situations that impact their SAP calculation.
C. Students readmitted to Kingsborough Community College under the Forgiveness Policy should meet with a SAP counselor to discuss the impacts of the Forgiveness Policy as it relates SAP standards.

Time of Evaluation

In order to determine students' compliance with the SAP standards, the Office of Financial Aid reviews academic records once per year; at the end of each academic year (Spring term) once grades have been posted and finalized by the Registrar. SAP review includes all terms of the student's attendance, including summer and winter modules. Students attending classes during the summer module, will have their SAP *re-evaluated* after summer grades have been posted and finalized by the Registrar.

Students who are meeting SAP will be eligible to receive federal student aid. Students who fail to meet SAP will not be eligible to receive federal student aid.

Readmission:

A student who is readmitted to Kingsborough Community College must be considered a matriculated (degree seeking) student to be eligible for federal student aid. Readmitted students must meet all SAP requirements upon readmission to be considered for federal student aid.

Financial Aid Suspension

If a student fails to meet one of the SAP criteria, they will be placed on financial aid suspension for the following academic year and will be ineligible to receive federal student aid, such as the Pell grant, FSEOG, Federal Work Study, and Federal Direct Student Loans.

Students who lose financial aid eligibility due to not meeting SAP requirements may:

1. Earn the necessary GPA or credits to meet the minimum requirements while not receiving federal financial aid
2. Submit a SAP Appeal.

Satisfactory Academic Progress Appeal

When a student becomes ineligible for financial aid due to a failure to meet SAP standards, an opportunity is given to appeal for further financial aid consideration. In some cases, a student's failure to be in compliance with one or more areas of the SAP policy is due to events beyond their control. If such extenuating circumstances can be documented for the specific term(s) when the SAP standards were not met, a student may submit a SAP Appeal with supporting documentation to a SAP Counselor in the Office of Financial Aid. Appeals are considered on an individual basis; depending on the nature of the appeal, the number of appeals the student has submitted and/or the student's academic record.

SAP appeals must be based on extenuating circumstances, which affected the student's academic performance. Examples of possible extenuating circumstances are:

- serious illness,
- severe injury,
- death of a family member, or
- other similar situations.

SAP appeals are reviewed on a continuous basis. The student will be notified as to whether the appeal is approved or denied. If the appeal is approved, the student becomes eligible to receive federal student aid.

Examples of Circumstances Behind SAP Failure	**Examples of Supporting Documentation (Must be on Letterhead)**
The student's own illness	Medical bill or letter from physician(s)
Death of a family member	Copy of death certificate
Illness or accident of a close relative	Physician's statement, police report, documentation from a third-party professional

Other personal circumstance or work-related issues	Detailed personal statement. For work-related issues, letter from employer is needed with hours worked per week, etc.
Failing pace or maximum attempted because of excessive transfer units, change of major, or academic performance	Personal statement, proof of academic advisement consultation or other as advised by SAP Specialist.

Additionally, an appeal will only be approved if the student can meet SAP standards by the end of the academic year for which the appeal is being submitted. Please note there are **no limits** in which an appeal can be submitted, however, students cannot use the same extenuating circumstances as prior appeals. In addition, approval for students submitting more than one appeal is not guaranteed.

IMPORTANT

Submission of a SAP appeal does not guarantee an adjustment to a student's award nor prevents the accrual of late fees of any unpaid tuition balances. Students are responsible for their tuition and any late fees they may receive regardless of their appeal.

SAP Probation

A SAP appeal must be submitted and approved before a student can be placed on SAP probation. The student is given specific requirements that must be met in order to maintain financial aid eligibility in the future. **IF** SAP requirements are still **not** met within the probationary term the student will again become **ineligible** for financial aid and may need to submit another SAP appeal.

Academic Plan

If it is determined that the student will require more than one semester to meet SAP, the student will be placed on probation with an Academic Plan. At the end of the term, the student must meet SAP or meet the requirements of the Academic Plan.

NOTE:

Students whose financial aid eligibility has been reinstated under an academic plan and are making progress under that plan are considered to be eligible students for Title IV purposes.

New York State Aid Programs

The Tuition Assistance Program (TAP)

Sponsored by the State of New York, TAP provides tuition assistance for New York State residents who are matriculated and enrolled full-time, i.e., a minimum of twelve (12) credits and/or chargeable hours in the major, a minimum of six (6) credits must be in credit-bearing courses, and recipients must be income-eligible, as defined by TAP. A student must reapply for TAP on an annual basis. The application may either by completed by clicking on the TAP link which is displayed on the confirmation page once the FAFSA is submitted or by visiting New York State Higher Education Services Corporation (NYS-HESC)

directly at: *https://www.tap.hesc.ny.gov/totw/*. Like the FAFSA, the TAP application may be completed beginning October 1st each year. For further details go to *https://www.hesc.ny.gov/*

A TAP award year at Kingsborough Community College consists of the fall session and winter module ("Fall Term") as well as the spring session and summer module ("Spring Term"). For additional information regarding TAP eligibility requirements, visit *www.hesc.ny.gov* and/or the Kingsborough website, *https://www.kbcc.cuny.edu/financialaid/index.html*.

A student whose application for TAP is approved will receive an award certificate from NYS-HESC. The amount of the TAP award is scaled according to the level of study, tuition charges, the verified net-taxable income, and the number of TAP payments previously received. For 2026-2027 the maximum TAP award a student attending Kingsborough Community College may receive is $4,800.

A community college student is limited to three (3) years of TAP eligibility, or six (6) full-time TAP payments for a total of thirty-six (36) TAP points.

If a student receives the award certificate prior to registration, tuition will be reduced by the amount stated on the certificate. If a certificate is received after registration, a student must pay the tuition at the time of registration and will receive a refund of the TAP award during the 12-week session.

Eligibility for TAP

To be eligible for TAP, a student must be:

1. A New York State resident,
2. A U.S. citizen or permanent resident and apply for and be approved for TAP through a traditional TAP application, the Alternative Eligibility Path, or qualify through the Senator Jose Peralta NYS DREAM Act TAP application.
3. Matriculated,
4. Income eligible,
5. NOT be in default of any Title IV Student Loans
6. Enrolled full-time (a minimum of 12 credits/chargeable hours required in the student's major) by the seventh day of the 12-week session.
7. Able to meet minimum standards of satisfactory academic standing, academic progress, and program pursuit as defined by NYS-HESC.
8. Must have a U.S. high school diploma, earned a high school equivalency diploma through Test Assessing Secondary Completion (TASC™), formally known as G.E.D., or pass a federally approved Ability to Benefit test (ATB). The ATB test must be taken and passed prior to the twenty-first (21) day of classes of the 12- week session.
9. And, enrolled for a minimum of twelve (12) credits, at least one course must be required for their degree/major, if they are graduating at the end of the term and enrolled for a minimum of twelve (12) credits with at least six (6) credits required for their degree/major if they are in the semester prior to their graduating semester.

Satisfactory Academic Progress for New York State Financial Aid Programs

To receive payments under New York State Tuition Assistance Programs (TAP) a student must maintain good academic standing. The good academic standing requirement for New York State financial aid programs consists of two components: **academic progress** and **pursuit of program**. This requirement applies to all students receiving payments from either TAP, Part-Time TAP, and certain NYS Scholarships.

A student who fails to pursue a program of study or who fails to make satisfactory academic progress will lose TAP eligibility for the following semester. Additional information/explanation is available from the TAP Certification Office, U-201.

To be in good academic standing for TAP, a student should be aware of the following:

- The need to attain a minimum grade point average as specified in the charts below for each payment requested.
- A student uses six (6) TAP points for every full-time TAP payment received. A student can receive a maximum of six (6) semesters or 36 points of TAP while seeking an associate degree. For some special programs a student can earn an additional year of TAP.
- A student must be enrolled full-time, that is, enrolled for at least twelve (12) credits that meet the requirements of their degree/major.
- In a student's first TAP term, they must take at least three (3) degree credits as part of their full-time course load. A minimum of six (6) degree credits must be taken every term after the first TAP payment.
- If a student repeats a course that was previously passed, the repeated course cannot be counted towards full-time enrollment for TAP purposes. If repeating a course that was previously failed, that course can be included towards full-time enrollment for TAP purposes.
- If a student fails to meet good academic standing requirements for NYS financial aid purposes, the College's Forgiveness Policy for Academic Standards does not necessarily restore the student's eligibility.
- Developmental courses can be counted for TAP purposes. However, to qualify for TAP a student must always be registered for a minimum of twelve (12) credits and/or chargeable hours that apply toward their degree/major to qualify for a full-time payment; refer to the charts that follow.
- To receive TAP payments, you must make academic progress towards a degree/major. The minimum academic requirements are indicated in the charts that follow.

IMPORTANT NOTES

A. A student who withdraws from all courses during a term will lose eligibility for TAP in the subsequent term.

B. A student on probation or continued probation who makes satisfactory academic progress during this probationary period and continues to maintain their academic standing will regain their eligibility for TAP.

C. A repeated credit course cannot be included as part of a student's minimum full-time or part-time course load for New York State financial aid purposes, except in the following cases: (1) when the repeated course was previously failed, (2) when the course was previously passed, but with a grade too low to be accepted in the enrolled degree/major, or (3) when a course may be repeated and credit earned each time.

D. A repeated non-credit (developmental) course **cannot** be included as part of a student's minimum full-time or part-time course load for New York State financial aid purposes if: (1) a student has already received two payments for that course or (2) a student has previously received passing grades for that course.

E. **Loss of TAP eligibility**: A student who fails to meet the standards of academic program pursuit, academic progress, and/or attendance will lose their TAP eligibility. In addition, a student who registers for courses without having met these standards will be liable and billed for the full amount of their TAP award retroactively.

F. A transfer student or a student planning a change of curriculum/major should first review their status with an Academic Advisor and a Financial Aid Counselor in order to ensure their continuing TAP eligibility status at Kingsborough Community College.

G. **Waiver Policy:** A student who can demonstrate that exceptional circumstances beyond their control caused them to have a substandard academic record may be eligible for a one-time, undergraduate waiver of the TAP regulations. A waiver will be granted to a student in these exceptional cases only when (1) there is a reasonable probability that a student will regain good academic standing, (2) full documentation of the circumstances is presented, and (3) the waiver is recommended and approved by the Office of Financial Aid after the student has applied for the waiver and provided necessary documentation.

   A student who wishes to apply for a TAP waiver must submit an appeal to the Financial Aid Office, U-201. There are two types of TAP waivers: (1) one-time good academic standing waiver, or (2) "C" average waiver based on undue hardship.

Satisfactory Academic Progress Tables for New York State Financial Aid Programs

Refer to the chart that applies to you; First TAP Award received:

1. after 7/1/2010
2. between 7/1/2006 and 6/30/2010
3. before 7/1/2006
4. ADA TAP eligible student

First NYS TAP Award received AFTER July 1, 2010

Meeting the Academic Progress Standard requires that a student:

- accumulates at least fifteen (15) degree credits by the end of the 2nd TAP-supported term and at least fifteen (15) credits each term thereafter, and
- attain the minimum grade point average as specified in the table below for each payment requested.

To receive TAP payment #:

	1	2	3	4	5	6***
Have earned at least this # of credits	**0**	**6**	**15**	**27**	**39**	**51**
With at least this GPA:	**0**	**1.30**	**1.50**	**1.80**	**2.00**	**2.00**

*** Each TAP payment is equivalent to six (6) TAP points. A student is only allowed thirty-six (36) points or six (6) payments at a two-year institution.

First NYS TAP Award received BETWEEN July 1, 2006 and June 30, 2010

Meeting the Academic Progress Standard requires that a student:

- accumulates at least nine (9) degree credits by the end of the 2nd TAP-supported term and between nine (9) and fifteen (15) credits each term thereafter, and
- attain the minimum grade point average as specified in the table below for each payment requested.

To receive TAP payment #:

	1	2	3	4	5	6***
Have earned at least this # of credits	**0**	**3**	**9**	**18**	**30**	**45**
With at least this GPA:	**0**	**.50**	**.75**	**1.30**	**2.00**	**2.00**

*** Each TAP payment is equivalent to six (6) TAP points. A student is only allowed thirty-six (36) points or six (6) payments at a two-year institution.

First NYS TAP Award received BEFORE July 1, 2006

Meeting the Academic Progress Standard requires that a student:

- accumulates at least six (6) degree credits by the end of the 2nd TAP-supported term and between twelve (12) and fifteen (15) credits each term thereafter, and
- attain the minimum grade point average as specified in the table below for each payment requested.

To receive TAP payment #:

	1	2	3	4	5	6***
Have earned at least this # of credits	**0**	**0**	**6**	**18**	**31**	**45**
With at least this GPA:	**0**	**0**	**1.00**	**1.20**	**2.00****	**2.00**

** A student who has two (2) years of TAP or the equivalent must have a 2.00 GPA or higher to remain eligible for TAP.
*** Each TAP Payment is equivalent to six (6) TAP points. A student is only allowed thirty-six (36) points or six (6) payments at a two-year institution.

ADA Students and ADA TAP Eligibility

Based on New York State Higher Education Services Corporation (NYS-HESC) regulations, an Americans with Disability Act (ADA) student may attend part-time, taking at least three (3) credits/hours, but less than twelve (12) credits/hours in their degree/major per semester, to be considered for a partial TAP award.

Associate Program 2015-2016 Semester and Thereafter ADA Part-time Students

Meeting the Academic Progress Standard requires that a student:

- attain the minimum grade point average as specified in the table below for each payment requested.

Before being certified for payment #:

	1	2	3	4	5	6	7	7
Have earned at least this # of credits	**0**	**3**	**9**	**18**	**30**	**42**	**51**	**60**
With at least this GPA:	**0**	**1.30**	**1.50**	**1.80**	**2.00**	**2.00**	**2.00**	**2.00**

Part-Time Tuition Assistance Program (PT-TAP)

Part-Time TAP (PT-TAP) is a New York State program implemented in the 2007-2008 academic year. It allows a student to receive partial TAP payments for taking at least three (3) but fewer than twelve (12) degree-applicable credits of undergraduate coursework. This program is available to CUNY students who meet the specified requirements. Because PT-TAP is a grant, it does not have to be paid back.

To be PT- TAP eligible a student must meet the following requirements:

1. Be a New York State resident,
2. Must apply for and be approved for TAP through a traditional TAP application, the Alternative Eligibility Path, or NYS DREAM Act TAP application.
3. Be admitted into a degree program,
4. Maintain a cumulative grade point average of 2.00 or higher (**Good Academic Standing Waivers cannot be used** to qualify students who do not meet the "C" Average requirement),
5. Be enrolled for at least three (3), but fewer than twelve (12) credits in the degree/major or enrolled full-time (twelve [12] credits or more) with only three (3) to eleven (11) credits (three [3] to eleven [11] credits for ADA students) in the degree/major.
6. Maintain Good Academic Standing in accordance with New York State's rules and regulations, and
7. Meet all of the TAP eligibility requirements.

IMPORTANT NOTES

- Students must be pre-registered for Winter and/or Summer sessions by the 7th day of the Fall and/or Spring Term. For Part-time TAP, students must be enrolled in at least one course that runs the length of the 12-week Fall and/or Spring sessions.
- Students taking **remedial courses** may be eligible for PT- TAP, provided the student takes **at least one 3-credit course** for the term.
- The "Last Semester" and "Semester Prior to Last Semester" leniency for course applicability does not apply to part-time TAP. This provision is only for full-time study.

The Excelsior Scholarship

Enables many New York State residents to attend a CUNY college tuition-free. The Excelsior Scholarship provides full in-state tuition for eligible CUNY students up to $5,500 minus any amounts received from TAP, Pell, or other scholarships.

For 2026-2027 the combined household federal adjusted gross income must be less than $125,000 to qualify for the award.

Recipients of this award must:

1. File the FAFSA and the TAP applications,
2. Attend full-time, and
3. Complete 30 credits per year.

Awardees must also agree to reside exclusively in New York State and not be employed in any other State for a continuous number of years equal to the duration of the award received. The Excelsior Scholarship will be applied to each qualifying student's financial aid package after all other aid, including Pell, TAP, City Council Scholarship, college scholarships, and other grants or scholarships have been applied.

For additional Excelsior Scholarship eligibility requirements, visit, *https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/the-excelsior-scholarship.html*.

For information about other New York State Grants, Scholarships and Loan Programs, visit: *https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid.html#horizontalTab2*

Other Aid Programs

Peter F. Vallone Academic Scholarship

The Peter F. Vallone Academic Scholarship (formally known as the New York City Council Merit Scholarship) rewards New York City high school graduates who have proven their ability to succeed academically while they were in high school. Students may receive $700 per year ($350 per semester). Funding is determined by the New York City Council and the Scholarship award amount is subject to change based upon an allocation provided each academic year. Once a college has reached their allocation amount, no additional recipients can be awarded.

There is no separate application for the scholarship. Students are automatically considered for the award when they apply for admission to CUNY.

To qualify a student must:

1. Be a U.S. citizen or eligible non-citizen
2. Be a Resident of New York City
3. Graduate from a New York City high school with at least an 80(B)
4. Enroll at a CUNY college as a full-time student within one year of graduating from high school
5. Register as a full-time student (12+ credits) each semester (except summer) and maintain at least a 3.00 cumulative grade point average (GPA)
6. Attend CUNY before attending any other post-secondary institution

To satisfy Progress and Pursuit requirements, students must:

1. Maintain continuous full-time (12+ credits) enrollment within the City University of New York (CUNY) system
2. Maintain a cumulative grade point average (GPA) of at least 3.00 that is calculated once a year at the end of the Spring semester.

Students pursuing an associate degree may receive the Peter F. Vallone Academic Scholarship for a maximum of six (6) semesters. The award is not restored once it has been lost.

For information about other additional scholarships that may be offered to CUNY students, visit: *http://www2.cuny.edu/financial-aid/scholarships/new-york-city-scholarships/*

Military and Veteran Affairs Office (MAVA)

Room C-106, Ext. 5472

The Military and Veteran Affairs Office (MAVA) serves the needs of prospective and enrolled active military personnel, reservists, veterans, and their dependents, spouses and survivors. MAVA aids in the application and certification for students who are eligible to receive education benefits under various Department of Veteran Affairs (DVA) programs. In this role, the MAVA team facilitates a smooth transition and reintegration into the college community. MAVA provides supplemental recruitment and retention efforts, various counseling and one-on-one advisement services, priority registration, academic program information, and certify eligible students to receive DVA education benefits while maintaining productive relations with the Veterans Administration and other agencies serving veterans. All active military personnel, reservists, veterans and their dependents, spouses and survivors receive priority enrollment at the College each semester.

The MAVA Team works closely with many campus departments and have created a Point of Contact (POC) bridge. The list of support offices and POC appointed for any inquiries can be found at *https://www.kbcc.cuny.edu/mava/index.html.*

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent nor delay the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities.

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Contact the Military and Veteran Affairs (MAVA) Office with any additional questions by phone at 718-368-5472 or by email at MAVA.KCC@kbcc.cuny.edu.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at: *www.benefits.va.gov/gibill*

Academic Information, Examinations, and Grades

Academic Information

Developmental Courses

Developmental courses are specifically designed and required for students who initially fail to meet the minimal proficiency level in English and/or Math based on the CUNY Proficiency Index. Developmental courses are non-credit (zero credits).

Corequisite Model Courses

Beginning Fall 2022, CUNY eliminated standalone developmental courses and replaced them with a corequisite model that incorporates the college-credit course with the built-in supports that were typically found in the standalone developmental course. This approach provides students with the necessary contextualized developmental information in order to be successful in the college-level course while ensuring students maintain academic momentum. Students who fail to meet the minimal proficiency level in English and/or Math based on the CUNY Proficiency Index are placed in a corequisite course, examples include ENG 12A0, MAT 500, and MAT 9010.

Basic Courses

Basic courses are courses that individual Kingsborough departments feel are essential for college students so that they may learn the fundamental and basic concepts of a discipline. Some basic courses require prerequisite courses or departmental permission. This is indicated within the course description.

Advanced Courses

Advanced courses are courses that individual Kingsborough departments feel are important as follow-up courses to explore, either in breadth or depth, the areas of knowledge to which students have been introduced while taking the basic courses.

Cross-Listed Course

A cross-listed course is one that is offered by more than one discipline or department, but has the same content and in which students should expect to have the same or similar experience. An example is MAT 9100 - Biostatistics/BIO 9100 - Biostatistics.

Equated Credits

Weekly class hours in developmental courses for which credit is not given are, for certain purposes, counted as equated credits. For example:

MAT M100	4 hours 0 credits AND 4 equated credits
MAT M200	4 hours 0 credits AND 4 equated credits

Credits

Credits are points granted for courses taken at the college. The number of credits is usually based on one credit for each weekly class hour. In some cases, the number of required hours may exceed the number of credits granted (e.g., science and physical education courses). For example:

CHM 1200	6 hours 4 credits
HIS 1100	3 hours 3 credits
PEC 2000	2 hours 1 credit

Course Load

Matriculated students register for a specific degree in a particular curriculum or plan. To be considered a full-time student, a student must enroll in a program of study carrying a minimum of 12 credits and/or 12 equated credits during the fall and spring terms. Part-time students carry fewer than 12 credits and/or equated credits.

While it is possible to carry a full-time evening program, not all Kingsborough degree programs are available for full-time evening study. Non-department required degree courses can be used for necessary basic courses and credits before completing department requirements in the day session. Advisors are available for consultation.

Prerequisite Requirements

A course, test, or index that one must pass, or skills-set that is required, before enrolling in a basic course or more advanced course.

Corequisite Requirements

A course that must be taken at the same time that you enroll in a particular course and in conjunction with that course.

Pre-/Co-requisite Requirements

Courses that can be completed before enrolling in a particular course, or at the same time as a particular course.

Student Attendance Policy

A student who has been absent 15% of the total number of instructional hours that a class meets during a session or module *may* be considered excessively absent by the instructor. The instructor *may* consider excessive absences as a factor in the assignment of a student's grade.

Assessment of Student Learning Outcomes

Instructors usually distribute a syllabus on the first day of class that identifies student learning outcomes, goals, and objectives, and lists the requirements of the course. They will choose approaches to teaching that are designed to help you meet these outcomes, and will assess how well you have achieved them through exams and/or assignments, as appropriate to the course.

Types of Courses

Independent Study

The college offers students the opportunity to take a limited number of credits outside the traditional course structure as Independent Study, designated by the course number "81XX." Students registering for such courses undertake a prescribed program of individual and/or group research and may attend seminars or workshops dealing with their field of study. All work will be conducted under the supervision of the assigned instructor and will be evaluated and graded by the instructor.

Successful completion of the "81XX" courses generally requires from one (1) to three (3) hours per week and earns from one (1) to three (3) credits per term. These courses are open ONLY to upper freshmen and sophomore students who have an overall "B" average (3.00 grade point average) in the subject area, with departmental approval. Students will be permitted to take no more than six (6) credits of Independent Study in any one area and no more than 12 credits toward the degree.

Learning Communities

Learning Communities, cohorts of 25 or fewer students, enroll during a term in anywhere from two to five courses that are linked together. These courses are linked around a common theme and students are encouraged to think in an integrative way. Faculty teaching these courses collaborate with each other, as well as with advisors, librarians, and tutors, in order to offer students additional support.

Research has shown that students who participate in learning communities are more successful in completing courses and obtaining their degrees, and students report better connections to faculty and with each other. Kingsborough offers a variety of learning communities, which may include a Freshman Year Seminar (SD 1000) or an Integrative Seminar. For English as a Second Language (ESL) students, the

accelerated College English program (ACE) offers students a year-long learning community experience in which students can earn eight (8) credits in the first session.

Topical and Pilot Courses

In addition to the courses described in the catalog, the college offers a group of courses that meet the immediate needs and interests of various members of the student population or gauge the appropriateness or popularity of new subject areas. These topical and pilot courses are designated by the course number "82XX." These courses appear as listed in CUNYfirst for the term in which they are offered.

College Credits Assigned for Instructional Hours

Kingsborough Community College complies with New York State Department of Education, Middle States Commission on Higher Education (MSCHE) and U.S. Department of Education definitions and standards of credit hours assigned to instruction. The College assigns credits based on the hours and mode of instruction (whether instruction is delivered as a lecture, in a classroom, laboratory or studio setting, or through an out-of-classroom field or clinical experience). In all cases where the hours assigned per credit differ from the standards of practice, the hours exceed the number of credits, and are based on the practice of a particular discipline and subject matter at this college or are compliant with individual professional or accreditation standards.

The College utilizes the Carnegie Unit to define one semester credit. The Carnegie semester credit is equivalent to a minimum of one hour (defined as 50 minutes) of instructional work plus two hours (100 minutes) of individual work per week per semester. This is based on a 15-week semester. Based on its 12-week semester, Kingsborough Community College defines a credit hour as 60 minutes per week plus a session (typically two hours) for a final examination in the 13th week. In a 12-week semester out of class time is two hours and five minutes per credit per week. Thus, for example, a three credit course would require six hours and fifteen minutes of individual work per week.

Kingsborough Community College encourages experimentation and innovation in the delivery of instruction, which may result in occasional variations in credits assigned for instructional hours of a course. Additional instructional hours may be assigned in coursework identified to be critical for academic progress. The rationale for assigning credits for instructional hours for every course offered for college credit is reviewed and approved by College Council.

College Credits Assigned by Instructional Mode

Lecture

Courses that meet to engage multiple students in various forms of direct faculty instruction. For example:

Credits Awarded	1 credit
Minimum Instructional Time (60 minutes per week):	
Per 12-Week Session	720 minutes
Per Final	120 minutes
Session Total (12 weeks + Final):	840 minutes
Credits Awarded	3 credits
Minimum Instructional Time (180 minutes per week):	
Per 12-Week Session	2160 minutes
Per Final	120 minutes
Session Total (12 weeks + Final):	2280 minutes

Laboratory

Courses that focus primarily on experiential activities that support student learning and are under the direct supervision of a faculty member in a laboratory setting. Minimum contact time is based on two (2) times the amount of contact time of a lecture (2:1). For example:

Credits Awarded	1 credit
Minimum Lab Instructional Time (120 minutes per week):	
Per 12-Week Session	1440 minutes
Per Final	120 minutes
Session Total (12 weeks + Final):	1560 minutes
Credits Awarded	4 credits
Minimum Lab Instructional Time (480 minutes per week):	
Per 12-Week Session	5760 minutes
Per Final	120 minutes
Session Total (12 weeks + Final):	5880 minutes

Laboratory hours per credit in health care related disciplines are assigned according to the standards for these disciplines at this college or to comply with accreditation requirements.

Independent Study

Courses that permit a student to study under an instructor's guidance a subject or topic in depth beyond the scope of a regular course. The instructor regularly interacts with the student and directs student outcomes with periodic and final evaluation by the instructor. Minimum credit hours (corresponding to one [1] to three [3] credits) are determined based on faculty instructional contact minutes and student outside work. Such courses match the amount of time and work using the examples above.

Studio

Courses taught as applied study on a private or semi-private basis. In the visual arts, instructional hours in studio settings are assigned four (4) hours of work per week for three (3) credits in recognition of the experiential, creative, skills-building nature of the work. In performance disciplines, hours are assigned according to the demands of the specific work, such as work on theatre, video or digital productions.

Professional Field/Clinical Placement

Courses developed for job related or practical skills in a particular discipline. These courses allow for observation, participation, and field work, and are generally offered off-campus at an approved site. Components of this type of instruction include a combination of supervised time by approved experts outside the college, student assignments, and time supervised by a college instructor.

Where the work takes place in out-of-classroom professional field or clinical settings, credits are assigned to instructional hours in order to accommodate the requirements of each field. At least one (1) classroom hour per week is assigned to out-of-classroom courses for work with the course instructor.

Accelerated Courses

Courses offered outside a standard 12-week session in which the credit hours offered are the same as the standard session courses. The content and substantive learning outcomes are the same as those in the standard session.

Accelerated courses must meet the total amount of instructional and student work time as the examples above even if delivered in an accelerated format.

Modes of Instruction

Kingsborough Community College offers a number of instructional modalities aimed at providing students with flexible scheduling options. The below table provides descriptions for the different modes of instruction. Please note, not all courses are offered in every modality.

Modality		Description
In-Person		In-Person classes require all contact hours to take place **on campus or a designated location during scheduled times**. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). Student complete readings, assignments, projects etc. outside of class time. An In-Person class where material is provided online, via a learning management system or website, does not displace any of the required contact hours that would normally occur in a scheduled In-Person class. All class meeting days/times are listed in the schedule of classes for students at the time of enrollment
Online	Online Asynchronous	Online Asynchronous classes **require all contact hours be held online asynchronously**. Instruction takes place online asynchronously. The modality allows students to access materials and assignments on a **flexible** schedule in accordance with deadlines set by the professor. All required instructional hours are online. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). All the class work, examinations, quizzes, writing assignments, lab work etc. are fully online. Assessment activities/exams can be conducted In-Person. This information is indicated in the schedule of classes for students at the time of enrollment.
	Online Synchronous	Online Synchronous courses resemble on-campus In-Person ones in that students must be (virtually) present at the same time. **All required instructional hours are online**. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). All the class work, examinations, quizzes, writing assignments, lab work etc. are fully online. All Synchronous class meeting days/times are listed in the schedule of classes for students at the time of enrollment. Assessment activities/exams can be conducted In-Person. This information is indicated in the schedule of classes for students at the time of enrollment.
	Online Mix	Online Mix classes offer a **combination of online synchronous meetings and asynchronous online work**. It is recommended that at least 25% and at most 75% of classes in Online Mix courses are scheduled to meet at a set time online. Students attend some classes on designated online synchronous days, with the remainder of the course being delivered via asynchronous, deadline-based instruction and assignments. **All required instructional**

Modality		Description
		hours are online. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). All the class work, examinations, quizzes, writing assignments, lab work etc. are fully online. All Synchronous class meetings days/times are listed in the schedule of classes for students at the time of enrollment. Assessment activities/exams can be conducted in-person. This information is indicated in the schedule of classes for students at the time of enrollment.
Hybrid	Hybrid Asynchronous	Hybrid classes offer a **combination of In-Person and online instruction/contact hours**. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). Exclusive of exams, it is recommended that at least 25% and at most 75% of classes in hybrid courses are scheduled to meet at a set time on campus, in-person and campuses may set their own meeting schedules and guidelines within these parameters. **Online portions of the course are offered asynchronously**. Students participate in online portions of the course via asynchronous, deadline-based assignments. All In-Person meeting days/times are listed in the schedule of classes for students at the time of enrollment.
	Hybrid Synchronous	Hybrid classes offer a combination of In-Person and online instruction/contact hours. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). Exclusive of exams, it is recommended that at least 25% and at most 75% of classes in hybrid courses are scheduled to meet at a set time on campus, in-person and campuses may set their own meeting schedules and guidelines within these parameters. **Online portions of the course are offered synchronously**. Students participate in online portions of the course via designated online synchronous days. Synchronous class sessions will take place at an assigned class time(s). All In-Person Synchronous Online class meeting days/times are listed in the schedule of classes for students at the time of enrollment.
	HyField	HyField classes offer a combination of In-Person instruction hours that occur off campus doing field-based experiential learning (e.g., primary research, museum visits, local or international team-based projects for a nonprofit or company) during scheduled times and online instruction hours that may be asynchronous and/or synchronous. **HyField classes do not require classroom access—all in-person instruction occurs off-campus**. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). Synchronous class sessions will always take place at the assigned class time(s).

Modality		Description
		All class meeting days/times/locations are listed in the schedule of classes for students at the time of enrollment.
HyFlex		A HyFlex course provides students multiple learning paths and is distinguished from other mixed modality courses by relying on individual student choice from session to session, rather than having the instructor determine the modality for any given lesson. **The number of formats available to students will vary from course to course**. **HyFlex courses are In-Person with option of synchronous online, and/or asynchronous online contact hours**. Contact includes instruction, learning activities, and interactions (both student-student and/or student-instructor). All class meeting days/times are listed in the schedule of classes for students at the time of enrollment.

Examinations

Mid-Term

Mid-term status is provided orally by instructors and it is not entered on the permanent record.

Final

Students are responsible for meeting examination schedules. The final examination schedule is available on the college's website by approximately the ninth week of the session or the fourth week of the module. Students who have a conflict with a final examination schedule must immediately contact the instructors involved for rescheduling. Students can access their final grades online via their CUNYfirst account.

Makeup Final

Students who miss final examinations for legitimate reasons may apply for makeup examinations. Generally, permission is granted only to students who maintain passing grades up to the final examination period. Students should contact their instructors to make arrangements for makeup finals.

Grades

Grades indicate how well a student is doing academically. They deserve careful attention as evidence of good progress and as an indication of the need for counseling and/or for increased effort.

Standard Grades

Students receive an official grade for each course at the end of each session and module. This becomes part of the permanent record. The standard grades are:

Kingsborough Community College

OFFICIAL GRADING SYSTEM

The college interprets alphanumeric grading equivalencies, with certain exceptions noted below, according to the following general guidelines:

Grade	Numeric Equivalencies	Definition
A+	97 - 100	Excellent
A	93 - 96	
A-	90 - 92	
B+	87 - 89	Good
B	83 - 86	
B-	80 - 82	
C+	77 - 79	Satisfactory
C	73 - 76	
C-	70 - 72	Passing
D+	67 - 69	
D	60 - 66	
F	0 - 59	Failure

It should be noted that the above alphanumeric equivalencies apply to the *final course grades*; instructors may choose to assign a D- grade to particular assignments, exams, or other elements of coursework, but the college does not permit the use of a D- grade for the final course grade.

Departments or programs with external accreditation criteria reserve the option of publishing department- or -program specific guidelines, and individual instructors reserve the option of publishing course-specific guidelines. However, any departures from the above equivalencies must be published in the course syllabus and distributed to students at the start of the semester.

Grade	Quality Points	Grade	Quality Points
A+	4.0	C+	2.3
A	4.0	C	2.0
A-	3.7	C-	1.7
B+	3.3	D+	1.3
B	3.0	D	1.0
B-	2.7	F	0.0

INC	Doing passing work, but missing an assignment or an examination; changes to a "FIN" if work is not made up by the 10th week of the next 12-week session
FIN	Failure as a result of an Incomplete
NC	Minimum level of proficiency not met for certain specific compensatory courses.
P	Passed, but course not counted in computing cumulative average
R	Minimum level of proficiency not met for developmental courses
PEN	Grade Pending
S	High-level of proficiency in MAT M200 course in effect prior to Fall 2018
W	Withdrew Officially
WA	Withdrawn Administratively due to immunization noncompliance
WD	Withdrew Drop, a grade assigned when a student who has attended at least one class session drops a class after the Financial Aid Certification Date during the program adjustment period
WN	Withdrawn/Never attended; student never participated in an academically related activity; a non-punitive grade
*WN	Withdrawn/Never attended; counts as failure (in effect prior to Fall 2010)
WU	Withdrew Unofficially; student participated at least once in an academically related activity; counts as failure. **Effective Fall 2021, the WU grade will no longer count as a failure.**
Y	Yearly course; grade assigned at the end of year
AUD	Audit
Z	Instructor did not submit a final grade in effect prior to Fall 2018
#	This course has been successfully completed in a subsequent semester and is not calculated in the cumulative average (Examples: #F, #WU)
	As part of The City University of New York's response to the COVID-19 pandemic, during the **Spring 2020 term**, all students shall have the option to convert any or all of the (A-F) letter grades they earn in their classes to Credit/no Credit (CR/NC) grading. Please refer to the "Special COVID-19 Flexible Grading Policy for Spring 2020 Term"
	The City University of New York has extended the Special COVID-19 Flexible Grading Policy - also known as the Credit/No Credit Policy - to the **Fall 2020 term**.
CR/NC	At Kingsborough, for the Fall 2020 A and B (winter 2021) terms, students have the option to convert earned grades of B+ through D into a Credit (CR) grade and an earned grade of F into a No Credit (NC) grade.
	Certain classes, are excluded from this option due to licensure, accreditation and/or pre-requisite requirements.

Incomplete ("INC") Grade

The grade of "INC" (Incomplete) is assigned only when the course requirement has not been completed for good and sufficient reasons, the students is doing passing work, and there is a reasonable expectation that the student can complete the requirements for the course. The "INC" grade will change to a "FIN" grade if work is not completed by the 10th week of the following semester (see the College's Academic Calendar for the specific date).

Withdrawal ("W") Grade

The grade of "W" (Withdrawal Without Penalty) is assigned when the student officially drops the class using self-service in CUNYfirst by the due date listed on the College's Academic Calendar.

Repeat ("R") Grade

The grade of "R" does not count in computing the scholastic index. It is given to a student in a developmental course who does not meet the minimum requirements at the completion of the session or module. A student who receives the "R" grade in the same developmental component three (3) times will NOT be permitted to repeat that course again.

"PEN" Grade

The "PEN" grade is a temporary grade awarded when the disposition of the final grade requires further evaluation and when the absent or incomplete grades are inappropriate. "PEN" is also use to facilitate the implementation of the Procedures for Imposition of Sanctions whereby colleges must hold a student's grade in abeyance pending the outcome of the academic review process. The PEN grade will not lapse to FPN; final determination of a grade will depend on final evaluation by the instructor or the outcome of the college's academic review process.

"S" Grade

The "S" grade does not count in computing the scholastic index. It was assigned when a student had a minimum grade of 88 on the CUNY Elementary Algebra Final Exam (CEAFE). The student must also have had an overall class average of 85 (Grade no longer assigned).

Effective Summer 2021, the "S" grade when assigned to an UIP ENGRW course indicates English placement into ENG 12A0.

"Special COVID-19 Flexible Grading Policy for Spring 2020 Term"

As part of The City University of New York's response to the COVID-19 pandemic, during the Spring 2020 term, all students shall have the option to convert any or all of the (A-F) letter grades they earn in their classes, to Credit/No Credit (CR/NC) grading. The full policy can be found here, "Special COVID-19 Flexible Grading Policy for Spring 2020 Term"

"Special COVID-19 Flexible Grading Policy for Fall 2020 Term"

The City University of New York has extended the Special COVID-19 Flexible Grading Policy - also known as the Credit/No Credit Policy - to the **Fall 2020 term**.

At Kingsborough, for the Fall 2020 A and B (winter 2021) terms, students have the option to convert earned grades of B+ through D into a Credit (CR) grade and an earned grade of F into a No Credit (NC) grade. **Certain classes, are excluded from this option due to licensure, accreditation and/or pre-requisite requirements.**

Information concerning the City University of New York's Special COVID-19 Flexible Grading Policy for the Fall 2020 term can be found here, Special COVID-19 Flexible Grading Policy for Fall 2020 Term.

Grade Change Appeals

Students may appeal a final grade to the Committee for Academic Review NO LATER than the end of the term following the term in which the grade was given*. The term is defined as fall/winter or spring/summer. For example, students wishing to appeal grades assigned during the fall/winter term must file an appeal no later than the end of the following spring/summer term. Likewise, students wishing to appeal grades assigned during the spring/summer term must file an appeal no later than the end of the following fall/winter term.

Earned grades (A-F) received in a class cannot be changed by the Committee. Requests to evaluate earned grades should be made first to the instructor and then, if necessary, to the Department Chairperson. If resolution is not reached through the Academic Department, requests for further exploration can be made with the Dean of Student Success Programs in A-228 or via email at Student.Success@kbcc.cuny.edu.

Appeals by students who have not been in continuous attendance will be considered on a case-by-case basis.

Decisions concerning the Grade and Tuition Adjustment Appeal are made by committee. All decisions are **final**.

**Special consideration given to term effected by COVID.*

Students should complete the *Appeal for Grade and Tuition Adjustment form* and include accompanying documentation. The form as well as additional information concerning the process can be found at the following link, *https://www.kbcc.cuny.edu/registrar/directionsappeaform.html.*

Calculating the Grade Point Average

The grade point average (GPA) is obtained by multiplying the grade point value by the number of credits for the course, then totaling the grade points and dividing by total credits. See the Official Grading System above for grade point values.

Course	Grade	Point Value		Credits	Grade Points
English	A-	3.7	X	4	= 14.8
French	D	1.0	X	3	= 3.0
Music	C+	2.3	X	3	= 6.9
Physics	B+	3.3	X	4	= 13.2
History	F	0.0	X	3	= 0.0
		TOTAL 10.3	**TOTAL 17**		**GRADE POINT TOTAL 37.9**

Grade Point Average (37.9 quality points divided by 17 credits) equals 2.23, or almost a "C+" average.

Repeating Courses

Students may register to repeat a course if they received an "F," "W," "R," "NC," "WN," or "WU" grade. Effective September 1, 1990, if a student repeats a course in which an "F" or an administrative failing grade ("WU") was originally earned and subsequently earns a passing grade of "C" or better in the same course, the original failing grade will remain on the student's transcript but will no longer be computed into the grade point average. The total number of failing credits earned during enrollment in CUNY which may be excluded is 16. Students who wish to replace an "F" grade earned before September 1, 1984 must first receive approval from the Committee on Academic Review.

A course in which a grade of "C-" or below was received may be repeated **only** if a more advanced course in that discipline has **not** been completed. Students who receive a "C" grade or better in any course offered at the college MAY NOT REPEAT that course. The grade of "C-" is placed alongside grades in the "D" range to alert students to the fact that while "C-" is a passing grade, courses in which students earn the grade of "C-" typically do not transfer, and students typically need to retake these courses upon transfer to another institution.

The regulations above do NOT apply to students in the EMS-Paramedic, Nursing, Physical Therapist Assistant, Polysomnographic Technology, or Surgical Technology programs. These programs have their own grade regulations.

Maintenance of Academic Standards

Scholastic Standing

Maintenance of Good Academic Standing is necessary to progress toward degree completion. Students do so by achieving a minimum grade point average (GPA) based on the number of credits they have attempted.

The following table is used when evaluating a student's academic progress.

Effective *through* Fall 2021	
Attempted Credits or Equated Credits	**Minimum Cumulative GPA**
12 to 23.5	1.50
24 to 35.5	1.75
36 and over	2.00

Effective *beginning* Spring 2022	
Attempted Credits or Equated Credits	**Minimum Cumulative GPA**
.5 to 12	1.50
12.5 to 24	1.75
24.5 and over	2.00

Attempted credits are defined as credits for registered courses for which the students received any of the following: an earned grade (A - F), CR/NC, W/WU/WA/WN/WD/FIN or a temporary grade of INC. Developmental courses and workshops, which have zero credits assigned, do not affect Academic Standing.

Students who fail to achieve these standards will be placed on probation as described below. If unable to correct their academic deficiencies during their time on probation (see below), they will be dismissed from the college. Students who receive financial aid must maintain these standards. The normal academic appeals procedure of the college will continue to consider individual cases and to make such exceptions to the implementation of these guidelines as unusual circumstances may warrant.

Academic Recovery

Students who fail to meet the minimum GPA standards will be placed on academic recovery for one term. This serves as a warning of academic jeopardy and not as a punishment. Students are notified by the Office of the Registrar concerning their academic recovery status. Students are expected to raise their cumulative GPA to meet the minimum academic standards to continue at the College.

Continued Academic Recovery

After one term on academic recovery, students whose cumulative GPA remains below the minimum academic standards at the end of the term, will be placed on continued academic recovery. At the end of the second term, if the cumulative GPA remains *below* the minimum academic standards, students may be subject to academic dismissal and must wait a minimum of three (3) years before reapplying.

Appeal for Reinstatement

Academically dismissed students may apply for reinstatement according to the guidelines provided in the dismissal letter. A letter of appeal and accompanying documentation should be addressed and submitted to *The College Committee on Admission and Academic Standing* with all relevant supporting documentation through the online reinstatement form. Students should consult the Academic Recovery Policies web page for details on the reinstatement process and the Readmission web page for dates and deadlines.

If the Committee determines a student may be able to make satisfactory academic progress, the student will be reinstated on academic recovery for the upcoming term. If at the end of the academic year following reinstatement, the student's academic level has not been raised to the minimum academic standards, nor has adequate progress in achieving academic standards been demonstrated the student will be academically dismissed from the College. The College reserves the right to revise the academic dismissal policy as deemed necessary.

Satisfactory Academic Progress (SAP)

Students who do not maintain Satisfactory Academic Progress (SAP), will be placed on financial aid suspension for the following academic year and will remain on suspension until all SAP requirements are met. if SAP compliance is not met due to extenuating circumstances, a SAP appeal may be filed for consideration. More information on filing the appeal can be found here.

Forgiveness Policy

Students who have been out of Kingsborough for a period of three (3) years or more and whose grade point average was below 2.00 may be readmitted in good academic standing by appealing to the Committee on Admissions and Academic Standing. Any prior failing grades, while still reflected in their record, would not be calculated in their grade point average to determine their standing. The forgiveness policy will be applied only once to a student's academic record.

Graduation Requirements and Awards

Graduation Requirements

To satisfy the requirements for the associate degree a variety of requirements must be satisfied. Eligibility for graduation requires the completion of one of the programs of study as outlined within the *Academic Programs* section of this catalog. Some departments also require a minimum grade point average for specific courses, refer to the *Academic Program and Course Description* sections of this catalog.

In general, the requirements include:

1. **College Requirements**
    a. English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).
    b. Writing Intensive Course - One (1) course
    c. Civic Engagement - One (1) Civic Engagement experience
2. **CUNY Common Core Pathways**
    a. Required Core - Depending on the major, courses in English Composition, Mathematical and Quantitative Reasoning, and Life and Physical Sciences
    b. Flexible Core - Depending on the major, courses in World Cultures and Global Issues, U.S. Experience in its Diversity, Creative Expression, Individual and Society, and Scientific World
3. **Requirements of the Major and Elective Credits**
    Specified courses as required for the major by the academic department for each degree program as well as any electives
4. **Cumulative Grade Point Average (GPA)**
    A minimum cumulative grade point average of 2.00 on Degree and Certificate programs
5. **Matriculated Status**
    Must be matriculated during the last term of attendance at Kingsborough
6. **Residency**
    30 credits must be completed in residency at Kingsborough
7. **Minimum Credits for the Degree**
    A minimum of 60 credits is required for all degree programs. However, some programs require additional credits. Consult this catalog for credit information on each major.

Note:

Some degree programs may have their own grade regulations for course enrollment and/or continuation in the program. A review of degree requirements occurs during registration and advisement and can be verified on the Student Advisement Degree Audit.

Students can review their progress towards graduation on-line anytime by checking the Student Advisement Degree Audit by accessing *https://www.kbcc.cuny.edu/registrar/degree_works.html*

Filing for Graduation

Each of the three graduation filing periods (for an August, January, or June degree) has a deadline. **In order to graduate and be issued a diploma, all students must file an application for graduation by the filing period deadline listed on the Academic Calendar so their records can be reviewed.** The student must be matriculated during their last term of attendance at Kingsborough Community College. Students **cannot** matriculate for the winter or summer modules. An online application, via CUNYfirst, is available ***only*** to students currently enrolled. To file online, once the filing period opens, go to CUNYfirst, Academics, Student Center.

Note:

A student's official CUNYfirst major (plan) **must match** the Kingsborough degree they intend to earn. A mismatched major (plan) in CUNYfirst will render a student **ineligible** for graduation.

Winter coursework does **not** count towards a January degree nor does Summer coursework count towards a June degree. Module courses **always** count **forward** to the next degree filing period. For example, students enrolled in the Winter Module will file for **June** graduation, students enrolled in the Summer Module will file for **August** graduation.

In order to receive a Kingsborough degree, a student is required to have completed the final 30 credits toward that degree while enrolled at Kingsborough (in residency). Where one or more credit-bearing courses to be included in this sum are to be earned at another institution, prior permission must be obtained from the Committee on Academic Review. Each request for permission will be considered case-by-case on the merits of the individual circumstances. No permission will be granted if the total of the course credits results in less than 30 Kingsborough credits completed for the degree.

A graduate whose cumulative grade point average is between 3.50 and 4.00 shall be graduated with honors. The term "With Honors" will be inscribed on the student's diploma and noted in the commencement program.

Writing Intensive Courses

Many faculty across Kingsborough teach courses that are designated "Writing Intensive." Faculty who teach these courses recognize that writing about texts we've read is the best way to process our thinking about those texts. That is, writing about texts helps us generate, evaluate, and clarify our thinking and recognize where texts are confusing, biased, unclear, and so on. To help students recognize how crucial writing is to the processing of their thinking, Kingsborough implemented a policy whereby students who entered Kingsborough **must** complete at least one (1) Writing Intensive course before graduation. While there are a variety of options for fulfilling the Writing Intensive requirement, because students might need more time to write about the texts they read in class, Writing Intensive sections are **only** offered in the **Fall** and **Spring** sessions (12-week semester).

To find the courses in all the different departments that are designated as Writing Intensive follow these steps:

- Log on to **CUNYfirst**
- Select **Search for Classes**

- Select the **Institution** from the drop-down menu (i.e., **Kingsborough CC**)
- Select the **Term** from the drop-down menu in which you are looking for a Writing Intensive course.
- Select the **Course Attribute** drop-down menu and choose **Writing Intensive**
- Select the **Course Attribute Value** drop-down menu and choose **Writing intensive**
- Keep the box labeled **Show Open Classes Only** checked
- Finally, click the **Search** button - the list that results from your search includes all of the writing intensive courses available in the term that you chose

Writing Intensive courses are available in many departments. The key is to look at what courses you need to complete your degree and then enroll in a Writing Intensive course section that satisfies one (1) of your degree requirements.

Civic Engagement

Kingsborough accepts as a fundamental principle that education requires social awareness, an acceptance of social responsibility and active participation in meeting the challenges of a modern society. Through civic engagement, we recognize our mutual responsibility to care for each other in the college, in our communities, and on our planet. This responsibility may be accomplished through political activity, community service, engagement in leadership roles, advocacy, or becoming informed on issues that relate to social change. Therefore, civic engagement at Kingsborough seeks to foster civic awareness while providing the skills needed for our students to actively participate in their communities.

Civic Engagement Learning Outcomes

Civic Engagement consists of three domains – Political Knowledge, Civic Knowledge, and Social Responsibility. Below are the definitions for each domain and their accompanying Course Embedded Learning Outcomes:

Civic Engagement Domain	Definition	Course Embedded Learning Outcomes
Political Knowledge	Fundamental understanding of the structures and processes by which laws and policies are created	1. Demonstrates understanding of how the process, principles, and structure of governments and political institutions affect individuals in society. 2. Examines the importance of key historical struggles and social movements that sought/seek to encourage change
Civic Knowledge	Understanding of the diverse forces that shape political systems and civic life	1. Connects knowledge from one's own academic study/field/discipline to civic engagement 2. Analyze and discuss the role that race, ethnicity, class, gender, language, sexual orientation, belief or other forms of social differentiation play in world culture or societies.

Social Responsibility	Framework of obligations and actions by individuals or organizations in the interest of working towards an equitable society	1. Recognizes that different attitudes and beliefs are as valuable as one's own. 2. Examines the importance of behaving ethically and with due sensitivity towards social, cultural, economic, environmental, and academic issues. 3. Understands the individual's role in working towards equity.

Civic Engagement Assessment

The common assessment measure for all civic engagement experiences is a reflective assignment with an accompanying rubric.

How Students Will Satisfy the Civic Engagement Requirement

Beginning Fall 2019, students are required to have a minimum of **one (1) civic engagement experience** before graduation. No additional courses are needed to fulfill this requirement. Please see an academic advisor before registering. There are three ways to satisfy this requirement:

1. **Certified Civic Engagement (CE) Course**
   Certain courses required for the major, and/or to fulfill the CUNY Core, include civic engagement as essential and integral to their learning outcomes. In such a course, a student must pass the course to satisfy one of their CE experiences. These courses are indicated on CUNYfirst.
2. **Component Civic Engagement (CE) Course**
   A portion of some courses' contents—particular topics, chapters, activities, field trips—is devoted to civic engagement. Such a course offers students an opportunity to link academic concepts and a commitment to the community. ***Please note this option is not currently available.**
3. **Non-Course Related Civic Engagement (CE)**
   Students who wish to satisfy a civic engagement experience independent of a Kingsborough course must obtain prior approval. Non-course-related experiences will be publicized as they become available. ***Please note that this option is only available for limited non-course related experiences such as Service Learning opportunities (for further information go to** *https://www.kbcc.cuny.edu/service_learning/home.html* **) or participation in select campus events such as ECO-Fest.**

All of the above options go through a Civic Engagement Certification process. For additional information concerning Civic Engagement, visit *https://www.kbcc.cuny.edu/civic_engagement/Homepage.html;* for certification please visit: *https://www.kbcc.cuny.edu/aa/forms.html*

Annual Awards

Annual awards are given to graduating students who achieve academic excellence in their various disciplines, and to students who give outstanding service to the college through campus involvement, student government and/or other student activities. The Faculty Committee on Awards administers the annual Awards Program. The Awards Ceremony is part of the two-day Commencement Exercises at Kingsborough Community College. Families and friends of the awardees are invited to the annual Awards Ceremony to share in the celebration of the students' success.

The Faculty Committee on Awards also selects the salutatorian and valedictorian. All graduating students who have achieved a cumulative grade point average of 4.00 and have no more than 12 transfer credits accepted to Kingsborough are invited to be considered for the salutatorian and valedictorian selection.

For students who are graduating and beginning to apply to four-year colleges, speak with your Academic Advisor for information on transfer scholarship opportunities offered by four-year colleges.

Honors and Phi Theta Kappa students are urged to contact the Honor's Office in M-377 or call 718-368-5365 for prestigious scholarships.

Academic Awards

For information about Academic Awards, contact the Department Chair.

Department of Allied Health, Mental Health and Human Services:

Addiction Studies Award
Mental Health and Human Services Program Award
Paramedic Program Award
Physical Therapist Assistant Program Award
Polysomnographic Technology Award
Substance Abuse Counseling Certificate Award
Surgical Technology Award

Department of Art:

Fine Arts Award
Graphic Design and Illustration Award

Department of Behavioral Sciences:

Behavioral and Human Sciences Award
Criminal Justice Program Award
Early Childhood Education Award
Education Studies Award

Department of Biological Sciences:

Biological Sciences Department Award
Biotechnology Award
Dr. Carol Biermann Endowed Scholarship Award for Excellence in Biological Sciences

Department of Business:

Accounting Program Award
Business Administration Program Award
Business of Fashion Award
Fashion Design Award
Jules A. Hager Graduation Award
Mark and Laurie Seruya and Mark and Gina Levy Endowed Scholarship Award
Maxine McGarvey Business and Service Award
Maxine McGarvey Marketing and Service Award
Murray Rothenburg Scholarship Award

Department of Communications and Performing Arts:

Avid Technology Most Promising Video Editor Award
Cliff Hesse Scholarship
Communications Award (Funded in Memory of Amy Bergenfeld)
Hebrew/Yiddish Scholastic Studies Award (Funded in Memory of Professor Louis Milrod)
Joan De Freitas Endowed Scholarship
Journalism and Print Media Program Award
Marion A. Lipton Award for Excellence in Speech Communication
Media Technology and Management Award
Speech Communication Award
Theatre Arts Award

Department of English:

Literary Studies Award
Stephen Weidenborner Memorial Prize

Department of Health, Physical Education and Recreation:

Catherine A. Dachtera Award
Community Health Program Award
Health, Physical Education and Recreation Award
Health Science Award
Patricia Hazlewood Spirit of Community Health Award
Physical Education Program Award
Recreation and Recreation Therapy Award
Robert Lawrence and Karen Denard Goldman Community Health Endowed Scholarship Award

Department of History, Philosophy and Political Science:

Dr. Bernard Klein Memorial Award for Excellence in History, Philosophy, and Political Science
History Studies Award
Lawrence Suss Memorial Award for Excellence in History, Philosophy, and Political Science
Philosophy Studies Award
Political Science Award

Department of Mathematics and Computer Science:

Computer Information Systems Program Award
Computer Science Program Award
Mathematics Program Award
Mu Alpha Theta Scholarship Award (Funded in Memory of Robert Siegel)

Department of Nursing:

Nursing Alumni Scholarship
Nursing Scholastic Award

Department of Physical Sciences:

Chemistry Award
Earth and Planetary Science Award
Engineering Science Award
Physics Program Award
Science of Forensics Award

Department of Tourism and Hospitality:

Borgese Family Graduation Award in Hotel Management
Culinary Arts Program Award
Maritime Technology Award
New York Council Navy League Graduation Award
Tourism and Hospitality Award
Virtual Enterprise Award (Funded In Memory of Jeffrey Ladman)

Liberal Arts

Dr. Frances Kraljic-Curran Liberal Arts Scholarship
Liberal Arts Award

Library and Media Services

Library Award

Additional Awards

Charlotte Keller Marmaros Scholarship for Promising Professionals in Gerontology
David B. Silver Scholarship Award
Dean Marilyn Chernin Student Leader Endowed Service Award
Dr. Frances Kraljic-Curran Liberal Arts Scholarship
Gladys Brooks Foundation Scholarship Endowment for Student Leadership and Academic Excellence
Harry Ritchin Memorial Scholarship for Promising Professionals in Geriatrics
Honors Program Award
Israel and Julia Glasser Scholarship for Political Science
James Goetz Endowed Scholarship
Karlene and Michael Gooding Scholarship Award
Kathleen Pappagallo Ambassador's Scholarship Award
KCC Alumni Association Scholarship Award
Leon M. Goldstein Scholarship Award for Academic Excellence and Community Service
Lucille Nieporent Memorial Award
Maria Ganci-Spinazzola College Now Graduation Award
Millie and Maurice Singer Scholarship Award
New Start Program
Otis Hill Scholarship (Funded by the KCC Alumni Association)
Presidential Honors Scholars Certificate
President's Award for Distinguished Scholarship
Rachelle Goldsmith College Now Program Award
Regina S. Peruggi Endowed Scholarship

Robert and Kristina Newmark Award for Tomorrow's Educators
Salutatorian Award
Science Scholars Award (Funded in Honor of Dean Thelma Malle)
Suzanne Murphy and Jeff Barker Endowed Scholarship
Valedictorian Award (Funded in Memory of Fred F. Addes)
WAVE Scholarship Awards
Yuet Chun & Tai Yee Ma Endowed Memorial Scholarship Fund

Student Services Awards:

Gold Awards
Silver Awards
Bronze Awards
Certificate of Recognition

Special Service Awards:

Anthony F. Russo Student Leadership Service Award
Child Care Center Memorial Service Award (Funded in Memory of Muriel Langsam)
Library Award
Joan De Freitas Endowed Scholarship
Student Ambassador Service Award (Funded by the My Turn Students)
Student Service Award (Funded in Memory of Dr. Max Koch)

General Education Requirements - CUNY Common Core: Pathways

General Education for All Degree Programs

General Education Learning Outcomes:

A student will:

1. Gather, interpret, and assess information from a variety of sources and points of view
2. Evaluate evidence and arguments critically or analytically
3. Produce well-reasoned written or oral arguments using evidence to support conclusions
4. Apply quantitative reasoning skills to solve problems
5. Demonstrate Knowledge of Human Cultures and the Physical and Natural World through the study of:
    - World Cultures and Global Issues
    - U.S. Experience in its Diversity
    - Creative Expression
    - Individual and Society
    - Scientific World
6. Describe civic engagement and its importance in a global society

Readiness for Academic Success

The City University of New York (CUNY) requires that all incoming degree-seeking students, as well as students entering the upper division, demonstrate proficiency in English (reading and writing) and Math in order to enroll in credit-bearing courses in the associated subject. Students may establish proficiency in a variety of ways, including, but not limited to, meeting benchmark scores on the SAT, ACT, and New York State Regents exams, or demonstrating proficiency through Exemption.

Beginning Spring 2020, students who do not meet benchmark scores will no longer be administered a placement test; rather, CUNY will use a Proficiency Index to determine developmental education assignment. The Proficiency Index combines overall high school grade point average with SAT and/or Regents exam scores. There are separate Proficiency Indexes for English and Math. Information is available on the CUNY Website concerning CUNY's Proficiency Index and Exemptions, *https://www.cuny.edu/academics/testing/testing-faqs/*

Beginning Fall 2022, CUNY eliminated standalone developmental courses and replaced them with a corequisite model that incorporates the college-credit course with the built-in supports that were typically found in the standalone developmental course. This approach provides students with the necessary contextualized developmental information in order to be successful in the college-level course while ensuring students maintain academic momentum. Students who fail to meet the minimal proficiency level in English and/or Math based on the CUNY Proficiency Index are placed in a corequisite model course, examples include ENG 12A0, MAT 500, and MAT 9010.

CUNY Pathways Initiative

Approved by the CUNY Board of Trustees in June 2011, the Pathways Initiative, which went into effect September 2013, assures that all three parts of an undergraduate curriculum – general education, major, and elective courses – will count toward graduation requirements among all CUNY colleges. This initiative allows students to experience a broad range of liberal arts courses while assuring the many students who transfer from one CUNY college to another that their credits will transfer, therefore helping them graduate on time.

Pathways will apply to:

- new freshmen
- transfer students starting in September 2013 and thereafter

Students changing majors should meet with their advisors to see how liberal arts credits already earned apply to the new CUNY Common Core.

Current students who continue in the same major can choose to stay with the requirements in place when they entered CUNY, as listed in the college catalog for their start date, or to opt into the new Pathways curriculum.

All CUNY undergraduates will be required to complete the 30-credit CUNY Common Core except students in Associate in Applied Science Programs.

Pathways Components

CUNY's Pathways initiative offers a new framework for general education. It consists of two parts: (1) the Common Core for all CUNY colleges, requiring 30 general education credits and (2) the College Option, requiring students who transfer to a four-year CUNY college to take six (6) to 12 additional credits at the four-year college, as specified by the student's status when they enter the four-year CUNY College.

CUNY Common Core at Kingsborough

The new CUNY Common Core consists of two parts: a "**Required Core**" portion and a "**Flexible Core**" portion. Courses that have been approved for the CUNY Common Core at the time of publication of this catalog are identified in the Course Descriptions Section of this catalog.

Required Core

In the Required Core, **depending on the major**, students must take:

- Six (6) credits in English Composition I and II (ENG 1200/ENG 12A0 and ENG 2400)
- Three (3) credits in Life and Physical Sciences
- Three (3) credits in Mathematical and Quantitative Reasoning

Flexible Core

Depending on the major, students take between three (3) and six (6) three-credit liberal arts and sciences courses from the following five (5) areas, with no more than two (2) courses in any discipline or interdisciplinary field (e.g., no more than two psychology courses):

A. World Cultures and Global Issues
B. U.S. Experience in its Diversity
C. Creative Expression
D. Individual and Society
E. Scientific World

Pathways Approved Courses

Required Core

English Composition

- ENG 1200 - Composition I 3 Credit(s) **or**
- ENG 12A0 - Composition I ALP 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)

Life and Physical Sciences

- BIO 100 - Topics in Biology 3 Credit(s)
- BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)
- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- BIO 1300 - General Biology I 4 Credit(s)
- BIO 1400 - General Biology II 4 Credit(s)
- BIO 1800 - The Biology of the Human Body 3 Credit(s)
- BIO 3300 - Introduction to Modern Concepts of Biology 4 Credit(s)
- CHM 200 - Introduction to Green Chemistry 3 Credit(s)
- CHM 1100 - General Chemistry I 4 Credit(s)
- CHM 1200 - General Chemistry II 4 Credit(s)
- EPS 3100 - Meteorology 4 Credit(s)
- EPS 3200 - Oceanography 4 Credit(s)
- EPS 3300 - Physical Geology 4 Credit(s)
- EPS 3500 - Introduction to Astronomy 4 Credit(s)
- EPS 3600 - Planetology: A Trip Through the Solar System 4 Credit(s)
- EPS 3800 - Introduction to Earth Science 4 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)
- PHY 1400 - Advanced General Physics II 4 Credit(s)
- SCI 3700 - Developments in the Physical Sciences (with Laboratory) 3 Credit(s)
- SCI 5100 - Physical Sciences and the Environment (with Laboratory) 3 Credit(s)
- SCI 7000 - The Science of Nutrition (with Laboratory) 3 Credit(s)

Mathematical and Quantitative Reasoning

- MAT 4A0 - Mathematical and Quantitative Reasoning 3 Credit(s)
- MAT 500 - Introduction to Mathematical Thought 3 Credit(s)
- MAT 700 - Principles of Mathematics 3 Credit(s)
- MAT 800 - Practical Mathematics for Today's World 3 Credit(s)
- MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s)
- MAT 9B0 - College Algebra for STEM Majors 3 Credit(s)
- MAT 900 - College Algebra 3 Credit(s)
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s)
- MAT 1500 - Calculus I 3 Credit(s)
- MAT 1600 - Calculus II 3 Credit(s)
- MAT 2010 - Statistics with Elementary Algebra 3 Credit(s)
- MAT 2000 - Elements of Statistics 3 Credit(s)
- BA 2200 - Business Statistics 4 Credit(s)
- MAT 2200 - Business Statistics 4 Credit(s)
- BIO 9100 - Biostatistics 4 Credit(s)
- MAT 9100 - Biostatistics 4 Credit(s)

Flexible Core

Group A: World Cultures and Global Issues

- ANT 3700 - Introduction to Anthropology 3 Credit(s)
- ANT 3800 - Human Rights 3 Credit(s)
- ARB 100 - Elementary Arabic I 3 Credit(s)
- ARB 200 - Elementary Arabic II 3 Credit(s)
- ART 2200 - Medieval Art 3 Credit(s)
- ART 3000 - Art and Activism 3 Credit(s)
- ART 3300 - Survey of Art History: From Ancient to Renaissance Art 3 Credit(s)
- ART 3400 - Survey of Art History: From Renaissance to 19th Century Art 3 Credit(s)
- ART 3700 - Survey of Non-Western Art 3 Credit(s)
- ART 5000 - Latin American Art 3 Credit(s)
- CHI 200 - Elementary Chinese II 3 Credit(s)
- ENG 3200 - World Literature 3 Credit(s)
- ENG 6900 - Caribbean Literature 3 Credit(s)
- FR 100 - Elementary French I 3 Credit(s)
- FR 200 - Elementary French II 3 Credit(s)
- FR 5700 - Haitian Culture and Civilization 3 Credit(s)
- HEB 100 - Elementary Hebrew I 3 Credit(s)
- HEB 200 - Elementary Hebrew II 3 Credit(s)
- HEB 300 - Intermediate Hebrew I 3 Credit(s)
- HIS 3100 - Europe: Napoleon to Hitler, 1789 to 1945 3 Credit(s)
- HIS 3200 - Modern China 3 Credit(s)
- HIS 3600 - Europe in the Twentieth Century 3 Credit(s)
- HIS 3700 - The Middle East: World War I to the Present 3 Credit(s)
- HIS 4400 - The Nazi Holocaust 3 Credit(s)

- HIS 5100 - The Ancient World 3 Credit(s)
- HIS 5200 - Europe in the Middle Ages: Politics, Culture and Society 3 Credit(s)
- HIS 5300 - Russian History: 1860 to the Present 3 Credit(s)
- HIS 7000 - Historical Geography 3 Credit(s)
- HS 4100 - Global Health Issues 3 Credit(s)
- IT 100 - Elementary Italian I 3 Credit(s)
- IT 200 - Elementary Italian II 3 Credit(s)
- MUS 2700 - Music in World Cultures 3 Credit(s)
- PHI 6800 - Ethical Problems in Business and Society 3 Credit(s)
- PHI 7000 - Introduction to Philosophical Problems 3 Credit(s)
- PHI 7700 - Philosophy of Religion 3 Credit(s)
- PHI 7800 - Philosophy in Asian Traditions 3 Credit(s)
- PHI 7900 - Global Ethics 3 Credit(s)
- POL 5200 - Introduction to Comparative Government 3 Credit(s)
- POL 5900 - Introduction to International Relations 3 Credit(s)
- POL 7500 - Gender and Politics 3 Credit(s)
- POL 9300 - Global Politics 3 Credit(s)
- SOC 3900 - The Sociology of Religion 3 Credit(s)
- SPA 100 - Elementary Spanish I 3 Credit(s)
- SPA 200 - Elementary Spanish II 3 Credit(s)
- SPA 300 - Intermediate Spanish 3 Credit(s)
- SPA 400 - Readings in Hispanic Literature 3 Credit(s)
- SPA 1800 - Proper Models of Spanish Grammar and Conversation for Native Speakers 3 Credit(s)
- SPA 3400 - Spanish America: Culture, Art and Music 3 Credit(s)
- SPE 2600 - Intercultural Communication 3 Credit(s)
- THA 6800 - History of Theatre: From Sophocles to Shakespeare 3 Credit(s)

Group B: U.S. Experience in Its Diversity

- ART 4700 - History of American Art 3 Credit(s)
- ENG 4800 - American Environmental Literature 3 Credit(s)
- ENG 7700 - African-American Literature: Beginnings to the Harlem Renaissance 3 Credit(s)
- ENG 7800 - African-American Literature: Great Depression to Present 3 Credit(s)
- HIS 100 - History of U.S. Cities 3 Credit(s)
- HIS 1100 - U.S. History I: From the Pre-Colonial Period through the Civil War 3 Credit(s)
- HIS 1200 - U.S. History II: from Post-Civil War to the Present 3 Credit(s)
- HIS 1500 - Era of the Civil War: 1828 to 1877 3 Credit(s)
- HIS 1700 - U.S. History in a Global Context: From The Colonial Period Through The Civil War 3 Credit(s)
- HIS 1800 - U.S. History in a Global Context:1865 to Present 3 Credit(s)
- HIS 1900 - Civil Rights and Related Movements 3 Credit(s)
- HIS 2000 - U.S. Immigration History 3 Credit(s)
- HIS 2100 - U.S. Popular Culture 3 Credit(s)
- HIS 5000 - African American History 3 Credit(s)
- HIS 5900 - Modern U.S. History from 1945 to the Present 3 Credit(s)
- HIS 6200 - History of New York City 3 Credit(s)
- HIS 6800 - U.S. Women's History 3 Credit(s)

- POL 5100 - Introduction to U.S. Government 3 Credit(s)
- POL 5400 - The Presidency 3 Credit(s)
- POL 5500 - U.S. Political Parties 3 Credit(s)
- SOC 3200 - Urban Sociology 3 Credit(s)
- SOC 3600 - Race and Ethnicity 3 Credit(s)
- THA 6700 - History of Musical Theatre in the United States 3 Credit(s)

Group C: Creative Expression

- ART 2300 - Asian Art through Religion, Philosophy, and Politics 3 Credit(s)
- ART 2400 - Global Contemporary Art: Diversities and New Expressions 3 Credit(s)
- ART 3100 - Survey of Art History: Prehistory to the Present 3 Credit(s)
- ART 3500 - Nineteenth-Century Art 3 Credit(s)
- ART 3600 - Twentieth-Century Art 3 Credit(s)
- ART 3800 - Renaissance Art 3 Credit(s)
- ART 3900 - History of Women in Art 3 Credit(s)
- ART 9500 - Modern Architecture and the Environment 3 Credit(s)
- ART 9800 - History of Modern Sculpture 3 Credit(s)
- ENG 3000 - Introduction to Literature 3 Credit(s)
- ENG 4000 - Short Fiction 3 Credit(s)
- ENG 4200 - Poetry 3 Credit(s)
- ENG 4300 - Drama 3 Credit(s)
- ENG 5600 - Creative Writing: Fiction 3 Credit(s)
- ENG 5700 - Creative Writing: Poetry 3 Credit(s)
- ENG 5800 - Creative Writing: Nonfiction 3 Credit(s)
- ENG 5900 - Introduction to Creative Writing 3 Credit(s)
- ENG 6000 - Creative Writing: Screenwriting 3 Credit(s)
- ENG 6100 - Digital Storytelling 3 Credit(s)
- ENG 6300 - Shakespeare 3 Credit(s)
- ENG 6500 - Literature and Film 3 Credit(s)
- HEB 3000 - Hebrew Literature in Translation I 3 Credit(s)
- HEB 3100 - Hebrew Literature in Translation II 3 Credit(s)
- HUM 100 - Modern Humanities: Arts and Ideas 3 Credit(s)
- MCF 4000 - Film: The Creative Medium 3 Credit(s)
- MCF 4300 - Film Genre 3 Credit(s)
- MUS 2100 - Introduction to Jazz 3 Credit(s)
- MUS 2200 - Music of the 20th Century 3 Credit(s)
- MUS 2400 - Opera 3 Credit(s)
- MUS 3000 - Introduction to Music Theory 3 Credit(s)
- MUS 3100 - Introduction to Music 3 Credit(s)
- PHI 7500 - Philosophy of the Beautiful - Aesthetics 3 Credit(s)
- SPA 3100 - Readings in Spanish-American Literature in Translation 3 Credit(s)
- SPA 5500 - History and Civilization of Spain 3 Credit(s)
- SPE 1000 - Survey of Communication 3 Credit(s)
- SPE 1100 - Basic Communication Skills and Practice 3 Credit(s)
- SPE 2100 - Effective Public Speaking 3 Credit(s)
- SPE 2700 - Oral Interpretation 3 Credit(s)
- THA 5000 - Foundations in Theatre Arts 3 Credit(s)

- THA 5100 - Scripts Analysis 3 Credit(s)
- THA 5200 - Acting I: Fundamentals of Acting 3 Credit(s)
- YD 3000 - Yiddish Literature in Translation 3 Credit(s)

Group D: Individual and Society

- ANT 3900 - Sexuality and Culture 3 Credit(s)
- BSS 100 - Behavioral and Social Science: The Individual and His/Her World 3 Credit(s)
- CIS 100 - Digital Society 3 Credit(s)
- ECO 1200 - Macroeconomics 3 Credit(s)
- ECO 1300 - Microeconomics 3 Credit(s)
- ENG 5200 - Writing for Public Advocacy 3 Credit(s)
- ENG 6700 - Women Writers 3 Credit(s)
- ENG 6800 - Gothic and Horror Fiction 3 Credit(s)
- ENG 7000 - Queer Literature 3 Credit(s)
- HS 4000 - Drugs: The Individual and Society 3 Credit(s)
- HS 5200 - Human Sexuality 3 Credit(s)
- HS 6000 - Food Systems and Health 3 Credit(s)
- MCM 3000 - Mass Media 3 Credit(s)
- MCF 4400 - Film and Society 3 Credit(s)
- PHI 6600 - Criminal Justice Ethics 3 Credit(s)
- PHI 6700 - Political Philosophy 3 Credit(s)
- PHI 7100 - History of Ancient Philosophy 3 Credit(s)
- PHI 7200 - History of Modern Philosophy 3 Credit(s)
- PHI 7400 - Introduction to Ethics 3 Credit(s)
- PHI 7600 - Ethics and Morality in the Health Professions 3 Credit(s)
- POL 5000 - Introduction to Political Theory 3 Credit(s)
- PSY 3000 - Child and Adolescent Development 3 Credit(s)
- PSY 3200 - Human Growth and Development 3 Credit(s)
- PSY 3300 - Social Psychology 3 Credit(s)
- PSY 3600 - Abnormal Psychology 3 Credit(s)
- PSY 3700 - Psychology of Gender 3 Credit(s)
- SOC 3100 - Introduction to Sociology 3 Credit(s)
- SOC 3300 - Social Problems: Institutions In Crisis 3 Credit(s)
- SOC 3500 - Sociology of the Family 3 Credit(s)
- SOC 3800 - Sociology of Gender 3 Credit(s)
- SPE 1200 - Interpersonal Communication 3 Credit(s)
- SPE 1800 - Health Communication 3 Credit(s)
- SPE 1900 - Family Communication 3 Credit(s)
- SPE 2500 - Small Group Communication 3 Credit(s)

Group E: Scientific World

- BA 2200 - Business Statistics 4 Credit(s)
- MAT 2200 - Business Statistics 4 Credit(s)
- BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)
- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)

- BIO 1300 - General Biology I 4 Credit(s)
- BIO 1400 - General Biology II 4 Credit(s)
- BIO 2800 - Biology of Women 3 Credit(s)
- BIO 3700 - Human Genetics 3 Credit(s)
- BIO 3900 - The Biology of Aging 3 Credit(s)
- BIO 4900 - People and the Environment - Biological Emphasis 3 Credit(s)
- BIO 7000 - The Biology of Nutrition 3 Credit(s)
- BIO 9100 - Biostatistics 4 Credit(s)
- MAT 9100 - Biostatistics 4 Credit(s)
- CHM 1100 - General Chemistry I 4 Credit(s)
- CHM 1200 - General Chemistry II 4 Credit(s)
- CP 1000 - Computer Science Concepts, Tools and Methods 3 Credit(s)
- CP 1100 - Introduction to Computers and Computer Applications 4 Credit(s)
- CS 1200 - Introduction to Computing 3 Credit(s)
- CS 13A0 - Advanced Programming Techniques 4 Credit(s)
- EPS 3100 - Meteorology 4 Credit(s)
- EPS 3200 - Oceanography 4 Credit(s)
- EPS 3300 - Physical Geology 4 Credit(s)
- EPS 3500 - Introduction to Astronomy 4 Credit(s)
- EPS 3600 - Planetology: A Trip Through the Solar System 4 Credit(s)
- EPS 3800 - Introduction to Earth Science 4 Credit(s)
- MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s)
- MAT 9B0 - College Algebra for STEM Majors 3 Credit(s)
- MAT 900 - College Algebra 3 Credit(s)
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s)
- MAT 1500 - Calculus I 3 Credit(s)
- MAT 1600 - Calculus II 3 Credit(s)
- PHI 7300 - Logic: Theories of Argumentation 3 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)
- PHY 1400 - Advanced General Physics II 4 Credit(s)
- SCI 100 - Issues and Adventures in Science 3 Credit(s)
- SCI 3700 - Developments in the Physical Sciences (with Laboratory) 3 Credit(s)
- SCI 5100 - Physical Sciences and the Environment (with Laboratory) 3 Credit(s)

Robert J. Kibbee Library

Room L-Building, Circulation Ext. 5637; Reference Ext. 5632

The Library is the major learning resource facility at the college. We provide students and faculty with a rich variety of materials to support the curriculum, to meet information needs, and to satisfy interests and academic curiosity. The library also assists in study, in research, and in cultural development.

The library offers a number of services to students and faculty. We offer tailored information literacy sessions for all courses in order to teach students how best to use the available print and online research tools. We also offer one-on-one research assistance at the reference desk during all operating hours, both in-person and online. The library also has a live chat service to communicate directly with librarians.

The library's high-quality collection include:

- 176,000 carefully selected reference and circulating books in print
- 400,000 eBooks
- 180,000 online periodicals from 200-plus online databases
- 5,000 print textbooks and more than 100 eTextbooks
- 4,000 print journals
- Hundreds of DVDs and streaming videos
- Special Collections: leisure reading, children's books, and LGBTQIA+ books

Students and faculty can access our materials via OneSearch, the library catalog. With OneSearch, you can look up textbooks for your courses, books, videos, or journal articles for your research. You can sign in to access your library account, renew materials, use electronic collections from off-campus, or request books from other CUNY of SUNY (State University of New York) libraries. Tutorials for using OneSearch are available on our library website. You can also find other resources including academic journals and databases, reserve a study room, find research guides and more via the library's website: *https://library.kbcc.cuny.edu/homepage*.

Students and faculty can also access materials not available at Kingsborough or any other library in the CUNY/SUNY library network through our interlibrary-loan service. For further information, visit *https://kbcc-cuny.illiad.oclc.org/illiad/logon.html.*

Additional services and resources include group study rooms with monitors, computer terminals, library guides to help support course assignments, printers, photocopiers/scanners, rotating displays of new books, and featured exhibits in wall and floor display cases.

The Media Center (L-115, Ext. 5044) has a variety of services. Reservations for technical equipment can be made in-person at the Media Center, online on the library website, or by phone. The "Learning Lab" (L-102G, Ext. 5046) with a 37-carrel audio listening facility, is used to provide instructional classes in the foreign languages. The library also has a Mini-Theater, reservations can be made on the website. For Further information, visit *https://library.kbcc.cuny.edu/mediaservices.*

Information Technology Services

The Office of Information Technology Services (ITS) at Kingsborough, working in collaboration with Academic Affairs, aims to promote the effective integration of technology into teaching and learning. ITS provides students, faculty, and staff with access and continual support to CUNYfirst (for access to the CUNYfirst system, Starfish, Smart eval, Exam Soft, Dynamic forms, Degree Audit and the Blackboard/Brightspace e-learning system), college email accounts, network accounts for access to labs, wireless resources, ePortfolio, audio/video conferencing technology for remote learning, and door access for labs/computerized classrooms/special facilities.

ITS offers faculty and student laptop loaners as well as iPads and Chromebooks. Short-term student laptop loans are available via the laptop kiosk located on the 1st floor of the MAC building and L100D. ITS also provides open lab access for registered students, faculty, and staff.

ITS manages the hardware and software for all computer labs which includes projector systems, instructor classroom computers and (introduced in 2021) PTZ camera systems.

ITS manages 43 systems in the T-6 Testing facility used for placement testing. Housed in T-605E, ITS has a wheelchair accessible station. In addition, ITS also has wheelchair accessible stations in other Computer labs and Computerized classrooms throughout the campus. They also have a dedicated lab for Access Ability students in M-126.

Consistent with CUNY-wide offerings, Kingsborough offers access to the Eduroam wireless network. Eduroam grants WiFi internet access to all students, staff and faculty, both KCC, and non-KCC, as well as participating non-CUNY institutions. Simply log in with your CUNYFirst credentials, or Eduroam credentials provided by your primary university. Eduroam is available campus-wide, with the exception of T1-T8. Please visit any of our helpdesk locations for assistance logging into Eduroam. Instructions for connecting to Eduroam can also be found at *https://www.cuny.edu/about/administration/offices/cis/technology-services/eduroam/*.

ITS provides training to faculty and staff in the use of CUNYfirst, the Microsoft Office programs suite, web conferencing for meetings and distance learning. Additionally, ITS provides phone/voice mail service and manages the public address system for the entire campus. Blackboard/Brightspace Support is available to assist faculty, staff, and students with Blackboard/Brightspace [NOTE: Blackboard/Brightspace support trains the student population only, not staff or faculty in the use of Blackboard.]

ITS manages the ID card system. The system provides access for faculty to labs and computerized classrooms based on their class schedule.

The responsibilities of ITS also covers all aspects of web services including the Kingsborough public website, the college intranet, the hosting infrastructure, as well as a mobile app, which includes updated course schedules, the campus map, and directory information. These components are maintained and updated on a daily/hourly basis. Requests for service include revisions to web page materials, construction of new websites, updating of course schedules, decree of calendar events, correction of all

official college information and policies as reflected on the college website, also connecting to the wider CUNY environment, e.g., CUNYfirst, CUNY-wide events, etc.

ITS manages the Digital Signage Solution throughout the campus, providing maintenance and support for LCD/Plasma Screens, and assisting college departments with the development and distribution of digital slides.

The Office of Information Technology Services also manages Next English Placement system, Dynamic Forms, Smart Eval, Starfish, Scholarchip Smart form, Tutoring Accessibility accommodations, Student Conduct, Nursing Exams, ID Access system, and several desktop applications for the Health Services Department.

Faculty and staff can receive technical assistance either by phoning the Helpdesk at 718-368-6679, visiting the campus offices located in L-117 or M-224 during posted business hours, or by sending an email to helpdesk@kbcc.cuny.edu. A web-based request form is available on the Kingsborough website, *https://inside.kingsborough.edu/it/.*

Students can receive technical assistance (regarding CUNYfirst, email, Brightspace, the CUNYfirst system, and lab hours and schedules) by calling the Helpdesk at 718-368-6679, visiting one of the service offices located in L-104, L-105, L-106, L-107, and L-108 in The Robert J. Kibbee Library, or M- 224 in the MAC Building. Students can also receive help by contacting the Student Helpdesk by sending an email to helpdesk@students.kbcc.cuny.edu. For help with Brightspace, students should email KCC-Brightspace.support@kbcc.cuny.edu.

All computer users (students, staff and faculty of the Kingsborough campus) are responsible for using the facilities in an effective, efficient, ethical and lawful manner. To learn more about the services and policies of the Office of Information Technology Services, visit *https://inside.kingsborough.edu/it/.*

Public Safety

Department of Public Safety

Room L-202, Ext. 5069

Kingsborough's Public Safety staff strives to provide an environment that fosters the opportunity and the freedom for the entire Kingsborough community to grow intellectually while in the pursuit of educational excellence.

Dedicated to a community-oriented approach to policing and campus safety, the department is responsible for many aspects of campus security including crime prevention, law enforcement, subsequent investigation, emergency preparedness, asset protection, and campus access control. Several Public Safety officers are state-certified emergency medical technicians (EMTs) trained to respond to health emergencies on campus.

Anyone concerned about a student and his or her behavior should contact the Public Safety Department Immediately and/or make an Assessment and Care Team (ACT) referral. These referrals were created to identify, investigate, assess, refer, monitor and take action in response to behaviors exhibited by Kingsborough students that may pose a threat to the college community. ACT will assess the situation and make recommendations for action. For more information go to the college website at *https://www.kbcc.cuny.edu/act/homepage.html*

Public Safety escorts are available seven (7) days a week, Monday - Thursday 7:15 a.m. - 11: 00 p.m. and Friday, Saturday, and Sunday 7:15 a.m. - 8:00 p.m. to all students, faculty, and staff on campus. If you are working late on campus call Extension 5069 for an escort to the parking lot or bus stop fifteen (15) minutes before you need to leave.

In case of emergency, call 7777 from any campus phone or (718) 368-4995 from any non-college phone. In addition, you can use one of the many emergency pull-box stations located throughout the campus.

All incidents of a criminal or non-criminal nature should be immediately reported to the Public Safety department. The department will expeditiously respond to the condition reported, investigate and make necessary notifications to campus administrators or if necessary, off- campus resources.

For more information about Kingsborough's Department of Public Safety visit Kingsborough's website at *https://www.kbcc.cuny.edu/campus_security/Homepage.html*

Holidays and Emergency College Closing

CUNY Alert System

Students, faculty, and staff will receive a text or a voice alert of campus emergencies or weather-related closings via cell phone, home phone, and/or email by enrolling in the free CUNY Alert System. To enroll, visit *https://www2.cuny.edu/cuny-alert/*

Emergency Closings

In the event of emergency college closings, due to inclement weather or other unforeseen circumstances, which the college has no control, students can get up-to-the-minute information by listening to the following television or radio stations, by viewing their websites for instructions, or by going to the Kingsborough Community College website at *www.kbcc.cuny.edu*

Radio Stations and Websites
WCBS 880 *https://wcbs880.radio.com/*
1010 WINS *www.1010wins.com*
WKRB 90.3 *www.wkrb.org*

Television Channels and Websites
NY1 *www.ny1.com*
WNBC 4 *www.nbcnewyork.com*

Holiday Closings

The Academic Calendar lists holidays when the college is closed and when classes are not in session. For the Academic Calendar go to *https://www.kbcc.cuny.edu/registrar/academic_calendar.html*

Identification Cards

The Department of Public Safety will issue a photo identification (I.D.) card approximately 72 hours after registering as a student. I.D. cards are updated electronically each semester, thereafter, once tuition and fees have been paid. To access the campus, all faculty, staff, and students, must display and tap their valid Kingsborough I.D. card at either the South or North entrance every time they enter campus, without exception. This includes re-entry after temporarily leaving campus for any reason, such as lunch or running errands. Individuals who do not tap in will not be considered properly signed into campus. While on campus, students are required to carry, and upon request, present a valid I.D. to any Public Safety officer and/or College official. Random I.D. checks are conducted at the south and north entrance and on campus throughout the year.

Students who lose or misplace their Kingsborough identification card must first pay a replacement fee ($10.00) at the Bursar's Office, A-205, and then proceed to the Department of Public Safety with the receipt for a replacement identification card.

Stolen I.D. cards must be reported, by the owner, to the Police Department and to the Department of Public Safety. A replacement card will be issued, at no cost, upon delivery of a Police Department case number or police report.

Lost and Found

Lost and found items should be turned in to the Public Safety Office located in the library, room L-202, for processing. If the property is turned in with identification enclosed, they will make every effort to contact the owner. Illegal contraband or weapons are immediately vouchered with the New York City Police Department.

Community Outreach and Continuing Education

Division of Workforce Development, Continuing Education and Strategic Community Partnerships

Room A-214, Ext. 5051

As an integral part of its mission as a community college, Kingsborough is deeply committed to providing Brooklyn residents with diverse opportunities for personal growth, educational and career advancement, and lifelong learning and enrichment, while advancing diversity, equity, and inclusion for community members. As our vibrant borough resurges economically, with many new businesses and industries, Kingsborough is actively engaging with them to better prepare our residents for current and future jobs. We are also pursuing strategic community partnerships to reduce the borough's significant economic disparities across its highly diverse communities by better preparing residents for middle-income jobs and beyond. Working closely with Academic Affairs, Student Affairs, and Enrollment Management, the Division develops multiple innovative pathways for student recruitment, retention, completion, and career success.

Workforce Development

Room V-226, Ext. 6766

Workforce Development provides New York's under- and unemployed residents with the training and skills needed to advance their current careers and/or pursue higher educational goals. This is accomplished through a series of programs and initiatives in partnership with other CUNY and non-CUNY partners. In addition, the office partners with local businesses to develop training that meets the needs of New York's continually changing economy. Workforce Development is committed to providing our students with the most relevant training, employment-readiness assistance, and access to wrap-around supports that will positively serve their long-term career and educational goals.

The Division assists with management and support staff training by providing needs assessments, course design, instructional services, evaluations, and certificates of completion. Offered at the employer's location or on Kingsborough's campus, these activities provide the business community with cost-effective, comprehensive, high-quality programs to improve competitiveness by upgrading workforce skills and retraining for newly created jobs. The Division also combines resources to deliver credit and non-credit training programs funded by private and public agencies. For example, a Health Coach training program was designed to meet the growing demand at Maimonides Hospital and its network. New York Alliance for Careers in Healthcare (NYACH), Kingsborough's Community Health degree program, and Community Care of Brooklyn (CCB) – the Maimonides-led Performing Provider System (PPS) – developed and launched a health coach training program that began in Summer 2016. The program prepares experienced medical assistants (or the equivalent) or newly hired health coaches to excel in the position. Participants enroll in two (2) college-level courses for a total of six (6) credits: HPE1200 - Concepts of Wellness and COH 1600 - Patient Engagement Techniques in Community Health.

Additionally, the Division offers courses and services for specialized target populations and program providers. Under the aegis of the College and various public agencies, funded programs may serve, for

example, adult learners in need of vocational counseling, literacy and English language instruction, job readiness skills, and job training. The Division also designs and provides courses for the employees of local businesses, industry, and municipal agencies.

Most Popular Programs

English as a Second Language (ESL)

Diagnostic testing and counseling precede placement in appropriate-level instructional classes for adults whose first language is not English. Instructional levels range from survival skills for those with no command of English to advanced skills for employees in fields such as healthcare or business who wish to refine their English.

High School Equivalency (GED®)

Preparation for the GED® examination includes a diagnostic/prescriptive assessment, test-taking practice, instruction in content areas, critical thinking, writing skills development, and counseling for career development and college admission. For adults not yet ready to complete high school, basic education courses are also offered.

Certificate Programs

Certificate programs with carefully designed sequences of courses are offered on a non-credit basis, are exempt from liberal arts general education requirements, and are considerably shorter than degree programs at the College. The Continuing Education certificate programs require commitment to a sustained and rigorous course of study. They are designed for adults seeking entry-level employment requiring skills in disciplines such as business administration, accounting, medical billing and coding, paralegal, alcohol and substance abuse counseling, word processing, pre-licensure, and continuing education requirements for insurance and real estate.

Healthcare Institute Programs

Healthcare is Brooklyn's largest single employer. With that in mind, the division has partnered with the applicable certifying bodies to deliver the best possible training for those interested in entering or advancing in the healthcare field. Certification programs include Emergency Medical Technician, Certified Patient Care Technician, Certified Billing and Coding Specialist, Certified Medical Administrative Assistant, Certified Pharmacy Technician, Certified EKG Technician, Certified Nurse Aide, Certified Phlebotomy Technician, Certified Medical Assistant, Home Health Aide, and many other allied healthcare certifications and recertification courses.

Career Advancement Courses

Tailored to the needs of adults re-entering the job market or seeking to update or upgrade skills for current jobs, career advancement courses build skills in keyboarding, word processing, information technology, customer-service, supervisory skills, and other business office skills. Career planning is facilitated by courses that introduce the adult learner to occupational options.

CUNY Language Immersion Programs (CLIP)

The CLIP Program is designed for students accepted by CUNY colleges whose English skills need refining before they can register with CUNY as matriculated students. CLIP is an intensive 25-hour-a-week immersion program. After completion, students are expected to register with the CUNY college of their choice.

The Taxi Institute

The Division is an approved citywide provider of 24-hour test-preparation training for the New York City Taxi & Limousine Commission's (TLC) Operators (Hack) and For Hire Vehicle (FHV) Licenses, as well as three-hour Wheelchair Access Vehicle (WAV) and other mandatory training programs mandated by the TLC. All testing is conducted at Kingsborough, an approved TLC testing site.

Liberal Arts

A variety of liberal arts courses serve adults who wish to explore their current interests in the humanities, politics, psychology, foreign languages, and other areas. Adults also register for short-term liberal arts courses to sample formal instruction in established disciplines and decide whether to enroll in the College's credit-based courses and degree programs.

The Division is an approved provider of Continuing Education (CE) hours for Social Workers and Mental Health Professionals licensed in New York State. We partner with faculty and experienced mental health professionals to develop and deliver courses and workshops on relevant topics at an affordable price. Topics include addressing violence in the family and community, motivational interviewing, cultural sensitivity, working with the medically fragile, and supporting clients post-COVID.

Non-Credit to Credit Pathway

We take pride in our initiatives, particularly the Non-Credit to Credit program. This program creates pathways for students to earn college credit for the knowledge and skills gained through non-credit programs. It offers a seamless transition for students moving from non-credit training to further education and career advancement.

In collaboration with Academic Affairs, the Division created formal Internal Articulation Agreements detailing how the non-credit courses and programs correspond with the credit-bearing courses and associated degree programs. We currently offer the following Non-Credit to Credit Pathway opportunities: Child Development Associate (CDA) Program, Community Health Worker, Customer Service Certificate, Emergency Medical Technician (EMT) Program, Emerging Trends in Healthcare, ESL Food Handler, Fatherhood Academy, Health Coach Program, and UX Design. For more information on Internal Articulation Agreements and their associated degree programs, visit *https://www.kbcc.cuny.edu/transfer-articulation/index.html.*

Publications

The Division publishes an online catalog four (4) times each year, which is its major promotional vehicle for its offerings. The Division also publishes various brochures and flyers for each program offered. Newspaper advertisements are produced in seven (7) languages and distributed in language-appropriate neighborhoods. Students should visit the website for additional and up-to-date information at *http://www.kingsborough.edu/ce/* or email us at *conted@kbcc.cuny.edu* to be added to our email distribution list.

High School Programs

College Now Program

Room F-102, Ext. 5170

College Now is a nationally recognized City University of New York/New York City Public Schools initiative designed to help students make a smooth transition from high school to college. The program, conceived at Kingsborough Community College in 1983 and expanded by the University in 1998, operates at over 350 public high schools throughout New York City and at all CUNY colleges.

Kingsborough Community College currently offers College Now programs at about 40 New York City high schools. The program is open to tenth, eleventh, and twelfth grade students. Those who express interest in the program take college-level coursework tailored to their academic needs and interests. A listing of offered courses and their syllabi can be found here. Students may earn up to 15 college credits, tuition-free, while in the program.

Kingsborough Early College Secondary School

Room F-115, Ext. 6678

Founded in September of 2006 through a partnership with Early College of the City University of New York, Kingsborough Early College Secondary School (KECSS) is one of 17 Early College public schools that blend a rigorous college-prep curriculum with the opportunity to earn both a high school diploma and an associate degree while in high school – at no cost to students and their families. Located in the Manhattan Beach section of Brooklyn, New York KECSS serves students in the 6th through 12th grades and is located at 2630 Benson Avenue on the 1st Floor of Lafayette Educational Complex. To learn more about the KECSS program, visit *https://www.kecss.info/.*

Leon M. Goldstein High School for the Sciences

Goldstein High School is an empowered New York City public high school located on the campus of Kingsborough Community College. Opened in 1993, it has an enrollment of over 1000 students. The school offers an enriched and challenging curriculum in the sciences, mathematics and humanities that exceeds city and state requirements. It also offers a variety of extracurricular activities including PSAL sports teams, theater arts, musical concerts and clubs. Direct all inquiries about the high school to 718-368-8500.

For the Community

On Stage At Kingsborough, Ext. 5596

Please note, On Stage at Kingsborough is on pause for the 2026-2027 academic year due to future major renovations to the Leon M. Goldstein Performing Arts Center (PAC).

On Stage at Kingsborough's mission is to bring artistically and culturally diverse, multi-disciplinary performances from masters of the form to the varied communities in and around the college. They strive to create an environment where the arts are an accessible and integral part of life, and a community gathering place for inspiration, conversation, and breathtaking performances. World-class dance, music, theatre, and family performances are presented in the Leon M. Goldstein Performing Arts Center from September to May and our intimate Jazz at the Lighthouse series is presented in the The Lighthouse, featuring floor-to-ceiling ocean views. Our Hot Summer Nights! free outdoor concert series takes place at Kingsborough's Lighthouse Bandshell every July. The Art Smart school-time program attracts more than 8,000 New York City public school children for weekday performances of professional children's shows. For more information visit *http://www.onstageatkingsborough.org/*

Equal Opportunity, Non-Discrimination and Affirmative Action

The City University of New York ("University" or "CUNY"), located in a historically diverse municipality, is committed to a policy of equal employment and equal access in the workplace and in its educational programs and activities. Diversity, inclusion, and an environment free from discrimination/sexual harassment are central to the mission of the University.

It is the policy of the City University of New York - applicable to all colleges and units - to recruit, employ, retain, promote, and provide benefits to employees (including paid and unpaid interns) and to admit and provide services for students without discriminating on the basis of actual perceived race, color, creed, national origin, ethnicity, ancestry, religion, age, sex, sexual orientation, gender, gender identity, marital status, partnership status, disability, genetic information, alienage, citizenship, military or veteran status, pregnancy, status as a victim of domestic violence/stalking/sex offenses, unemployment status, caregiver or familial status, prior record of arrest or conviction, or any other legally prohibited basis in accordance with federal, state and city laws. This policy is set forth in CUNY's Policy on Equal Opportunity and Nondiscrimination, *https://www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/equal-opportunity-and-non-discrimination-policy/*

CUNY's Policy on Sexual Misconduct prohibits all forms of sexual misconduct, including sexual harassment, gender-based harassment, and sexual violence. Inquiries concerning sexual misconduct or sex discrimination may be made to the individuals specified in that Policy or may be referred to the U.S. Department of Education, Office for Civil Rights. Please refer to CUNY's Policy on Sexual Misconduct,

https://www.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/policies-resources/Policy-on-Sexual-Misconduct.pdf

It is also the University's policy to provide reasonable accommodations and academic adjustments, when appropriate, to individuals with disabilities, individuals observing religious practices, individuals who have pregnancy or childbirth-related medical conditions, and victims of domestic violence/stalking/sex offenses. Please refer to CUNY's Procedures for Implementing Reasonable Accommodations and Academic Adjustments, *https://www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/reasonable-accommodations-and-academic-adjustments/*

This Policy also prohibits retaliation for reporting, objecting to, or cooperating with a discrimination/sexual harassment investigation.

Kingsborough Community College as a constituent unit of CUNY, a public university system, adheres to federal, state, and city laws and regulations regarding non-discrimination and affirmative action including among others, Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, as amended, the Equal Pay Act of 1963, the Age Discrimination in Employment Act of 1967, as amended, the Age Discrimination Act of 1975, the New York State Human Rights Law and the New York City Human Rights Law.

Kingsborough's Chief Diversity Officer is located in room V-231, and can be reached by telephone at 718-368-6896 or by email at AskOEO@kbcc.cuny.edu. The Chief Diversity Officer also serves as Kingsborough's coordinator for Section 504 of the Rehabilitation Act of 1973, the American Disabilities Act and the Title IX Amendment of the education amendments of 1972. For further information concerning Kingsborough's Office of Equal Opportunity and Diversity Management (OEO)visit *https://www.kbcc.cuny.edu/title_IX/*

Types of Academic Programs Offered at Kingsborough Community College

Associate in Applied Science

The Kingsborough Associate in Applied Science degree programs were specifically designed for students who wish to start a career on a semi-professional level immediately after graduating from the college. The essential liberal arts courses are included to equip students with knowledge, understanding and career flexibility allowing for the option to continue for further education.

Associate in Arts

Students in the Liberal Arts program are exposed to the humanities, social sciences, science, and mathematics. The objectives are similar to the prescribed courses frequently found in the first two years of baccalaureate liberal arts programs. Students who plan to continue their studies and earn higher degrees, find that their Kingsborough Associate in Arts degree serves as a solid foundation for transfer to a four-year or professional college. Provisions for smooth transfer between Kingsborough and CUNY, SUNY and many private colleges are in effect. The A.A. in Criminal Justice is a joint program with John Jay College of Criminal Justice and part of the CUNY Justice Academy.

Associate of Science

The courses offered in these programs provide sound foundations in those specialties as well as in the essential liberal arts. They were designed to permit students the opportunity for exploration with specialization in their major field. The Kingsborough Associate in Science degree will serve as a foundation for transfer to a four-year professional college or for accepting a position in the chosen field. The A.S. in Science for Forensics is a joint program with John Jay College of Criminal Justice and part of the CUNY Justice Academy.

Certificate

Our certificate programs are designed to provide students with focused in-depth study and professional training.

Computer Information Systems, A.A.S.

HEGIS: 5101.00
PROGRAM CODE: 01055
PROGRAM DIRECTOR: Dr. David Salb
DEPARTMENT: MATHEMATICS AND COMPUTER SCIENCE

The Computer Information Systems AAS degree exposes students to the field of information technology and provides the technical skills and business knowledge for entry-level positions in the field. The degree examines how modern hardware and software systems are organized and work together by teaching students how to relate to and utilize computer systems in solving real-world problems. Courses cover a broad range of topics from coding in many languages, such as Java and C++, to data base design and computer architecture.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Computer Information Systems, A.A.S. - MAT 9010 Placement

Degree Map for Computer Information Systems, A.A.S. - MAT 9B0 or MAT 900 Placement

Degree Map for Computer Information Systems, A.A.S. - MAT 1400 Placement

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once and academic year.

Program Learning Outcomes:

Upon successful completion of the Computer Information Systems degree program requirements, graduates will:

1. analyze, design, implement, and understand computer based solutions and apply them to real world applications
2. demonstrate the ability to maintain current knowledge of emerging and changing information technology
3. demonstrate proficiency in programming concepts and techniques by creating logically sound and efficient algorithms

4. demonstrate the ability to analyze and troubleshoot computer problems and identify appropriate solutions
5. demonstrate the ability to identify computer techniques, skills, and tools to meet end user needs
6. comprehend the structure of a computing system, design of its basic components, and interaction of hardware and software

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course** [1, 2]
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) ^ **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) ^ **or**
    - MAT 900 - College Algebra 3 Credit(s) ^ **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus 3 Credit(s) ^

- *Life & Physical Sciences Course 3 Credit(s)*

Flexible Core (3 Courses, 9 Credits):

When Flexible Core courses are specified for a category, they are required for the major. Select **one (1)** from Groups A to C for a total of **three (3)** credits. Groups D and E are satisfied by the courses shown (6 credits**).** Each Course Must be in a Different Discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- CIS 100 - Digital Society 3 Credit(s)

E. Scientific World Designated Course* [1]

- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) ^ **or**
- MAT 1500 - Calculus I^ 3 Credit(s)

Major Requirements (11 Courses, 39 Credits):

- CP 500 - Introduction to Computer Programming 4 Credit(s)
- CP 2100 - C++ Programming 1 4 Credit(s)
- CP 2200 - C++ Programming 2 4 Credit(s)
- CIS 1200 - Introduction to Operating Systems 3 Credit(s)
- CIS 1500 - Applied Computer Architecture 3 Credit(s)
- CIS 3100 - Introduction to Database 3 Credit(s)
- BA 1100 - Fundamentals of Business 3 Credit(s)

AND

- MAT 2200 - Business Statistics 3 Credit(s) **or**
    - BA 2200 - Business Statistics 3 Credit(s)

Select three (3) courses from the following (12 credits)

- CP 6200 - Java Programming 2 4 Credit(s)
- CIS 2100 - Introduction to Web Page Development 4 Credit(s)
- CIS 2200 - HTML Authoring and Javascript 4 Credit(s)
- CIS 3200 - Advanced Database Programming 4 Credit(s)
- CIS 4500 - Network Server Administration 4 Credit(s)

Electives:

0 credit sufficient to meet required total of 60 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

[1] Students that have an initial math placement of MAT 1400 are required to complete MAT 1400 to fulfill the Required Core: Mathematical & Quantitative Reasoning requirement and MAT 1500 to fulfill the Flexible Core: Scientific World requirement.

[2] Students that have an initial math placement of MAT 1500 are required to consult with the chairperson

of the Department of Mathematics and Computer Science for course substitutions that are consistent with the educational goals of the program.

^ Depending on Math placement, students may be required to complete MAT 9010, **or** MAT 9B0 **, or** MAT 900 **, and** MAT 1400 .

Total Credits: 60

Culinary Arts, A.A.S.

HEGIS: 5404.00
PROGRAM CODE: 33507
PROGRAM DIRECTOR: Chef Anthony Marzuillo
DEPARTMENT: TOURISM AND HOSPITALITY

The Culinary Arts AAS degree prepares students with the technical training and hands-on experience for successful entry into the food industry. Concentrations in Baking and Pastry and Culinary Arts allow students to focus on a specific area of interest. The curriculum is designed to provide students with the knowledge for proper selection and use of equipment in a commercial kitchen, food service management tools, food safety and safe food handling, identification and application of appropriate cooking techniques, demonstration of appropriate food and beverage pairings as well as wine, beer, and spirits service, and understanding of management structures for front and back of house operations. Students sharpen their skills in the on-campus learning restaurant and engage in a real-world internship in a professional kitchen. Students are eligible for national, local, and professional industry certifications from the National Restaurant Association, American Culinary Federation, and New York City Department of Health.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Culinary Arts, A.A.S. - Baking and Pastry Concentration

Degree Map for Culinary Arts, A.A.S. - Culinary Arts Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once and academic year.

Program Learning Outcomes:

Upon successful completion of the Culinary Arts degree program requirements, graduates will:

1. Demonstrate career-ready professionalism in a commercial food service environment.
2. Identify, select, and operate professional tools and equipment in a commercial food service environment.
3. Apply food safety and sanitation principles in a commercial food service environment.
4. Utilize weights, measures, and quantitative skills to accurately scale recipes and ingredients for efficient and accurate food preparation and timely food production.
5. Engage and communicate in a professional setting using industry-standard terminology and techniques.
6. Understand and apply basic food service management principles, including menu planning, recipe standardization, cost controls, labor management, and food purchasing.
7. Demonstrate an understanding of beverage service and management, including wine, beer and spirits.

Culinary Arts Concentration Learning Outcomes:

Upon successful completion of the Culinary Arts Concentration requirements, graduates will:

1. Identify, apply, and execute appropriate cooking methods and techniques to demonstrate competency in their professional preparations.
2. Demonstrate competency in front and back of house operations.

Baking and Pastry Concentration Learning Outcomes:

Upon successful completion of the Baking and Pastry Concentration requirements, graduates will:

1. Identify, apply, and execute appropriate baking and pastry methods and techniques to demonstrate competency in their professional preparations.
2. .Demonstrate competency in bake shop operations.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (3 Courses, 9 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major**.** Select **one (1)** course from **three (3)** Groups A to E for a total of **nine (9)** credits. Each Course Must be in a Different Discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (7 Courses, 21 Credits):

- CA 990 - Culinary Concepts 3 Credit(s)
- CA 100 - Culinary Arts I: Fundamental Skills 3 Credit(s)
- CA 1100 - Baking I: Baking and Pastry Fundamentals 3 Credit(s)
- CA 5000 - Menu Planning and Cost Control 3 Credit(s)

AND

- CA 6000 - Beverage Management 3 Credit(s) **or**
- CA 4300 - Catering and Quantity Food Production 3 Credit(s)

AND

- CA 9200 - Internship in Culinary Arts 3 Credit(s)
- CA 7100 - Introduction to Food Service Operations and Sanitation 3 Credit(s)

Concentrations (6 Courses, 18 Credits):

Select **one (1)** of the following concentrations:

Baking and Pastry (6 Courses, 18 Credits)

- CA 1200 - Baling II: Techniques and Theory 3 Credit(s)
- CA 1300 - Contemporary Dessert Plating 3 Credit(s)
- CA 1400 - Artisan Bread Baking 3 Credit(s)
- CA 1500 - Professional Cake Decorating 3 Credit(s)
- CA 1600 - Chocolate and Sugar Confections 3 Credit(s)
- CA 1700 - Baking III: Advanced Skills 3 Credit(s)

Culinary Arts (6 Courses, 18 Credits)

- CA 200 - Culinary Arts II: Techniques and Theory 3 Credit(s)
- CA 300 - Culinary Arts III: Breakfast, Pantry, and Garde Manger 3 Credit(s)
- CA 400 - Culinary Arts IIV: Advanced Skills and Production 3 Credit(s)
- CA 7200 - Restaurant Kitchen Operations and Management 3 Credit(s)
- CA 7400 - Restaurant Management and Dining Room Operations 3 Credit(s)
- CA 9000 - Global Cuisines 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

An Internal Transfer Credit Articulation Agreement between the Office of Academic Affairs and Division of Workforce Development, Strategic Partnerships and Office of Continuing Education (WD/OCE) is in place for students who have completed the *ESL Food Handlers program* through WD/OCE and are matriculated in the A.A.S. Culinary Arts.

Total Credits: 60

Emergency Medical Services - Paramedic (EMS-P), A.A.S.

HEGIS: 5299.00
PROGRAM CODE: 35164
PROGRAM DIRECTOR: Prof. Steven O'Brady
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Emergency Medical Services-Paramedic (EMS-P) AAS degree prepares students with the professional training and hands-on experience for a career as a Paramedic. The degree provides a balance of general education courses and introduces students to the theory and practice of the Emergency Medical Services-Paramedic field through classroom, laboratory, and clinical experiences. The curriculum provides students with the knowledge of roles and responsibilities within the EMS system, addresses medical/legal and ethical issues, the integration of scene and patient assessment findings, application of the principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention, and the formulation of treatment plans intended to mitigate emergencies and improve the overall health of the patient. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Emergency Medical Services - Paramedic (EMS-P), A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Emergency Medical Services – Paramedic (EMS-P) degree program requirements, graduates will:

1. understand his/her roles and responsibilities as an entry-level paramedic within an EMS system, and how these roles/responsibilities differ from other levels of providers

2. integrate comprehensive knowledge of EMS systems, safety/well-being of the paramedic and medical/legal and ethical issues, which is intended to improve the health of EMS personnel, patients, and the community
3. integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression and treatment/disposition plan for a patient with special needs and patients of all ages
4. apply fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.
5. integrate comprehensive knowledge of pharmacology to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)*
- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (2 Courses, 7 Credits):

The following **two (2)** courses are required in the major and also satisfy CUNY Flexible and Required Core, Scientific World (Group E) requirement:

E. Scientific World Designated Course*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (10 Courses, 40 Credits):

- EMS 100 - Emergency Medical Technician - Basic 5 Credit(s)
- EMS 101 - EMT - Basic Clinical I 1 Credit(s)
- EMS 210 - Paramedic I 7 Credit(s)
- EMS 211 - Paramedic Clinical I 2 Credit(s)
- EMS 220 - Paramedic II 5 Credit(s)
- EMS 221 - Paramedic Clinical II 3 Credit(s)
- EMS 230 - Paramedic III 7 Credit(s)
- EMS 231 - Paramedic Clinical III 2 Credit(s)
- EMS 240 - Paramedic IV 5 Credit(s)
- EMS 241 - Paramedic Clinical IV 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The *Emergency Medical Services Paramedic (EMS-P), A.A.S.,* has initial accreditation with New York State Department of Health Bureau of Emergency Medical Services, NYS Department of Health, 875 Central Avenue, Albany, NY 12206 or phone (518) 402-0996. The Kingsborough Community College Paramedic Program has initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Education Programs for the Emergency Medical Services Profession (CoA EMSP). Graduates of the Kingsborough Community College Paramedic Program as eligible to take the paramedic examination at the New York State, New York City, and national level. The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, *www.caahep.org.*

Total Credits: 60

Emergency Medical Services

THE A.A.S. IN EMERGENCY MEDICAL SERVICES HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS. ONCE STUDENTS SATISFACTORILY COMPLETE A SEQUENCE OF COURSES THEY WILL BE CONSIDERED INTO THE EMS MAJOR.

The Paramedic Program provides the professional skills and knowledge for a health care career as an entry-level Paramedic. The Paramedic is the highest level of the health care provider outside of the hospital setting. The program introduces the theory and practice of Emergency Medical Services and the role of the Paramedic in the area of prehospital care via the classroom, laboratory and actual clinical settings such as hospitals and ambulances. After successful completion of the program, students will be eligible to sit for the Paramedic-level examination in New York City, New York State and the National Registry.

Admission Requirements

To be considered for the Paramedic Program, students must be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).

Students must complete BIO 1100, ENG 1200, EMS 100, and EMS 101 with a minimum grade of "C" as well as two of the following courses: BIO 1200, ENG 2400, PSY 1100, or any 3-credit Math and Quantitative Reasoning course with a minimum grade of "C" prior to placement in the first paramedic-level course (EMS 210).

Students must also have a minimum of 200 patient contact hours as an Emergency Medical Technician (EMT) prior to registration in EMS 210.

Students must meet with the Program Director.

Retention Criteria

Criteria for retention in the Paramedic Program mandates that students:

1. Earn a minimum of a "C" grade in the following general education courses: ENG 2400, BIO 1200, PSY 1100, and any 3-credit Math and Quantitative Reasoning course. Students who earn less than a grade of "C" may repeat the course ONE TIME and must earn at least a grade of "C" in the repeated course. Students may not repeat more than two general education courses.
2. Earn a minimum grade of "C" in all EMS courses.
3. Earning less than a "C" grade in an EMS course may repeat the course ONE TIME (subject to space and availability). The minimum grade for EMS courses that are repeated is a "C."
4. Who earn a second grade of less than a "C" in any EMS course will be dismissed from the Paramedic Program.

Any student who has not attended EMS courses for two or more consecutive semesters cannot be readmitted into the Paramedic Program unless qualifying examinations have been passed in sequential order of the courses previously completed. These qualifying examinations can be repeated only once. In addition, the student must demonstrate clinical competency by passing a clinical practical examination prior to returning to any of the clinical courses.

In order to receive an A.A.S. in Emergency Medical Services- Paramedic, a student must complete the final 24 credits toward that degree while enrolled at Kingsborough.

Certification Requirements

According to New York State Department of Health Bureau of Emergency Medical Services (NYS DOH BEMS) policy, the requirements for all EMTs/Paramedics are:

- Complete the Application for Emergency Medical Services Certification (DOH-65), including affirmation regarding criminal convictions
- Successfully complete an approved New York State EMT-B or AEMT course
- Achieve a passing score on the practical and written certification examinations
- Must be at least 18 years of age by the end of the month in which they are scheduled to take the written certification examination
- Knowledge and skills required show need for high school or equivalent education
- Ability to communicate effectively via telephone and radio equipment
- Ability to lift, carry and balance up to 125 pounds (250 pounds with assistance)
- Ability to interpret oral, written and diagnostic form instructions
- Ability to use good judgment and remain calm in high stress situations
- Ability to be unaffected by loud noises and flashing lights
- Ability to function efficiently without interruption throughout an entire work shift
- Ability to calculate weight and volume ratios
- Ability to read English language, manuals and road maps
- Ability to accurately discern street signs and addresses
- Ability to interview patients, patient family members and bystanders
- Ability to document, in writing, all relevant information in prescribed format in light of legal ramifications of such
- Ability to converse, in English, with coworkers and hospital staff with regard to the status of the patient
- Possesses good manual dexterity with ability to perform all tasks related to the highest quality patient care
- Ability to bend, stoop and crawl on uneven terrain
- Ability to withstand varied environmental conditions such as extreme heat, cold and moisture
- Ability to work in low light situations and confined spaces
- Ability to work with other providers to make appropriate patient care decisions

For more information regarding this policy, you can refer to
www.health.ny.gov/professionals/ems/policy/00-10.htm

New York State DOH BEMS Policy on Criminal Conviction:

In accordance with the provisions of the State Emergency Medical Services (EMS) Code - 10 NYCRR Part 800, applicants for EMS certification or recertification must not have been convicted of certain misdemeanors or felonies. The Department will review all criminal convictions from any federal, military, state and/or local jurisdiction to determine if such convictions fall within the scope of those specified in Part 800, or to determine if the applicant for certification represents a potential risk or danger to patients or the public at large.

The regulation does not prevent an applicant with a criminal conviction from attending and completing all of the requirements of an EMS course. However, it may prevent the applicant from becoming certified in New York State until the Department has conducted a review and investigation of the circumstances of the conviction(s) and made a determination that the applicant does not demonstrate a risk or danger to patients. For more information about this NYS DOH BEMS policy, refer to *www.health.ny.gov/professionals/ems/policy/09-05.htm*

Paramedic Clinical Courses

Following the successful completion of the EMT component of the program, students will enroll in paramedic-level clinical courses and will participate in actual patient care on ambulances and in various departments at different hospitals.

Malpractice Insurance – Health Clearance - CPR Certification – Criminal Background Check

Prior to the registration for the practicum, students in the Paramedic Program are required to obtain a criminal background check. In addition, students must obtain health clearance from the Kingsborough Community College Office of Health Services. A-108. Students can obtain information regarding annual physical examination, immunizations, and tuberculosis testing from the Office of Health Services.

Prior to registration in their first practicum, students must also obtain CPR certification and provide documentation of malpractice insurance valid for the entire semester to the Paramedic Program Office, located in T2-280. Information on obtaining CPR certification and malpractice insurance is available in the Paramedic Program Office.

Students are required to purchase uniforms as per the policy and procedures of the Paramedic Program. They may opt to purchase individual protective goggles.

This program's academic requirements are demanding, and students are cautioned to plan their work schedules and extracurricular activities with this in mind. In addition to the classroom and laboratory hour requirements, students are required to, at a minimum, participate in one eight-hour clinical rotation at a hospital and two eight-hour rotations on an ambulance per week.

Both the New York State Department of Health Bureau of Emergency Medical Services and the New York State Education Department have approved Kingsborough Community College to offer the Paramedic Program.

Disability Services

It is college policy to provide reasonable accommodations to students with disabilities. Any student with a documented disability who may need accommodations is requested to speak directly to Access-Ability Services, D-205, (718) 368-5175. All discussions will remain confidential.

Fashion Design, A.A.S.

HEGIS: 5012.00
PROGRAM CODE: 32755
PROGRAM DIRECTOR: Prof. Katharine Nareski
DEPARTMENT: BUSINESS

The Fashion Design AAS degree prepares students for a career as a Designer or an Assistant Designer. The degree provides field work experience and hands-on training to learn the four basic methods designers use to create collections, aesthetics and style trends to provide artistic and commercial perspectives on current fashion, and the basics of garment construction and textiles in creating and retailing an original collection. Students present their designs in a senior fashion show and complete a professional portfolio that demonstrates their abilities to prospective employers.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Fashion Design, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Fashion Design degree program requirements, graduates will:

1. understand the nine head proportions of fashion figure (croquis)
2. discover which of the three media they are most comfortable and adept with
3. understand the basics of shading the three dimensional figure
4. use the croquis developed in Fashion Sketching For Fashion Designers I (FD 1100) as a basis for original designs
5. render design ideas into finished sketches for portfolio presentation
6. create original design sketches based on fabric samples (swatches)
7. graphically represent garment construction for sample garment production, using notes where necessary
8. plot and cut patters in PDS

9. operate a straight stitch sewing machine to construct garments
10. sew seams, pleats, darts, pockets, collars, welts, zippers, invisible zippers, and gathers
11. use a professional draping dress form

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

  * Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (3 Courses, 9 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major**.** Select **one (1)** course from **three (3)** Groups A to E for a total of **nine (9)** credits. Each Course Must be in a Different Discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (13 Courses, 37 Credits):

- FD 1100 - Fashion Sketching for Fashion Designers 3 Credit(s)
- FD 1200 - Fashion Sketching for Fashion Designers II 3 Credit(s)
- FD 1300 - Computerized Fashion Design 3 Credit(s)
- FD 1400 - Garment Construction 3 Credit(s)
- FD 2000 - Flat Patternmaking 3 Credit(s)
- FD 2100 - Fashion Design I 3 Credit(s)
- FD 2200 - Fashion Design II 3 Credit(s)
- FD 2300 - Design Trends and Aesthetics 3 Credit(s)
- FD 2500 - Advanced CAD for Fashion Design 3 Credit(s)
- BF 3500 - Textiles 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)
- HE 1400 - Critical Issues in Personal Health 1 Credit(s)

Majors with a grade point average equal to or greater than 3.00

Fashion Design Majors with a grade point average equal to or greater than 3.00 must take FD 9200 to complete the major requirement:

- FD 9200 - Field Experience in Fashion Design 3 Credit(s)

Fashion Design Majors with less than a 3.00 grade point average must take FD 81XX – to complete the major requirement:

- FD 81XX - Independent Study 1-3 Credit(s)

Electives:

2 credits sufficient to meet required total of 60 credits

Total Credits: 60

Maritime Technology, A.A.S.

HEGIS: 5403.00
PROGRAM CODE: 86081
PROGRAM DIRECTOR: Prof. John Nappo
DEPARTMENT: TOURISM AND HOSPITALITY

The Maritime Technology AAS degree aligns with the needs of employers in the maritime industry to prepare students for positions within the field. The curriculum provides students with hands-on experiences through labs and aboard boats as well as providing traditional classroom experiences. Technical training includes courses in oceanography, seamanship, navigation, marine electronics, ship handling, sailing, marina operations, vessel repair, fiber-glassing, welding, diesel and outboard engines, safety and survival, first aid, CPR, firefighting, and STCW certification. As a U.S. Coast Guard approved program, graduates earn 225 days of sea-time applicable toward a Captains license or United States Merchant Marine Officers license.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Maritime Technology, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Maritime Technology degree program requirements, graduates will:

1. understand traditional and modern seamanship skills as it relates to different propulsion systems
2. understand the topic of coastal piloting and navigation and the proper installation of electronic equipment
3. demonstrate safe operation and maintenance of vessels
4. demonstrate prevention and safety response in first aid, personal survival, social responsibility and fire prevention

5. understand operational theory of internal combustion engines and their use in power generation and propulsion systems
6. understand hydraulic systems and their application to vessel steering, winching equipment and vessel trim systems

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 4 Credit(s)**
    - Select any Earth and Planetary Science (EPS) course that meets the Life and Physical Sciences requirement

** Note: You may elect to take a math course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (3 Courses, 9 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. Select **one (1)** course from **three (3)** Groups A to E for a total of **nine (9)** credits. Each Course Must be in a Different Discipline.

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Major Requirements (15 Courses, 38 Credits):

- BA 6000 - Introduction to Computer Concepts 3 Credit(s)
- HE 3500 - First Aid and Personal Safety 2 Credit(s)
- MT 3300 - Vessel Technology I 3 Credit(s)
- MT 3400 - Vessel Technology II 3 Credit(s)
- MT 4300 - Marina Operations 3 Credit(s)
- MT 4600 - Coastal Piloting and Seamanship 4 Credit(s)
- MT 5000 - Introduction to Outboard Motors 2 Credit(s)
- MT 5100 - Introduction to Diesel Engines 2 Credit(s)
- MT 5200 - Welding 2 Credit(s)
- MT 5300 - Fiberglass, Refrigeration and Hydraulic Repairs 2 Credit(s)
- MT 5400 - Low Voltage Electrical Systems 2 Credit(s)
- MT 5500 - Marine Electronics 2 Credit(s)
- MT 5600 - Advanced Outboards 3 Credit(s)
- MT 5700 - Vessel Systems, Theory, Maintenance and Troubleshooting 3 Credit(s)
- MT 5800 - Advanced Welding 2 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Nursing, A.A.S.

HEGIS: 5208.10
PROGRAM CODE: 01056
PROGRAM DIRECTOR: Prof. Joan Zaloom
DEPARTMENT: NURSING

The Nursing AAS degree prepares students with the professional training and hands-one clinical experience for a career as a Nurse. The degree provides a balance of general education and nursing courses to prepare students with the competencies to provide safe, caring, patient-centered, evidence-based nursing care to culturally diverse populations. The curriculum incorporates the QSEN Competencies of Patient-Centered Care, Teamwork and Collaboration, Evidence-based Practice, Safety and Informatics with the NCLEX-RN Categories of Client Needs. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Nursing, A.A.S.

Degree Map for Nursing, A.A.S. - LPN to RN Bridge Program

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Nursing degree program requirements, graduates will:

1. organize nursing care to provide a safe patient environment.
2. prioritize nursing interventions when providing nursing care.
3. integrate evidence-based nursing practice into nursing care.
4. integrate critical thinking/clinical reasoning strategies when providing nursing care.
5. support principles of teamwork and collaboration when working with members of the inter-professional team.

6. develop appropriate leadership/management strategies when providing nursing care.
7. incorporate the utilization of informatics principles and technology systems while providing nursing care.
8. support ethical and legal principles relevant to the practice of a registered nurse.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (3 Courses, 10 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (4 Courses, 13 Credits):

When Flexible Core Courses are specified for a category, they are required for the major (Group D and E are satisfied by courses shown.)

D. Individual and Society Designated Course*

- PSY 3200 - Human Growth and Development 3 Credit(s)
- SOC 3100 - Introduction to Sociology 3 Credit(s)

E. Scientific World Designated Course*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (10 Courses, 43 Credits):

- SCI 2500 - Applied Physical Sciences for Allied Health Careers 3 Credit(s)
- BIO 5100 - Microbiology in Health and Disease 4 Credit(s)
- NUR 1700 - Calculations for Medication Administration 1 Credit(s) **

- NUR 1800 - Fundamentals of Nursing 7 Credit(s) **
- NUR 1900 - Family Centered Maternity Nursing 4 Credit(s)
- NUR 2000 - Nursing the Emotionally Ill 4 Credit(s)
- NUR 2100 - Nursing the Ill Adult I 9 Credit(s) **
- NUR 2200 - Nursing the Ill Adult II 5 Credit(s)
- NUR 2300 - Nursing of Children 5 Credit(s)
- NUR 2400 - Issues In Nursing 1 Credit(s)

Prerequisite Courses:

Students are enrolled as a Liberal Arts major their first and second semesters as they complete the following prerequisite courses. Students must meet specified grades for the courses below and must apply for Pre-Clinical:

- ENG 1200 - Composition I 3 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)
- BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Once Accepted:

Once accepted, Pre-Clinical students are eligible to register for the following course:

- SCI 2500 - Applied Physical Sciences for Allied Health Careers 3 Credit(s)

Test of Essential Academic Skills (TEAS)

Pre-Clinical Students will then take the Test of Essential Academic Skills (TEAS), which will play a role in determining whether they are accepted into the Clinical Nursing Program.

First Semester of Clinical Component

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 3200 - Human Growth and Development 3 Credit(s)
- NUR 1700 - Calculations for Medication Administration 1 Credit(s)
- NUR 1800 - Fundamentals of Nursing 7 Credit(s)

Second Semester of Clinical Component

- BIO 5100 - Microbiology in Health and Disease 4 Credit(s)
- NUR 2100 - Nursing the Ill Adult I 9 Credit(s)

Third Semester of Clinical Component

- ENG 2400 - Composition II 3 Credit(s)
- NUR 2000 - Nursing the Emotionally Ill 4 Credit(s)
- NUR 2200 - Nursing the Ill Adult II 5 Credit(s)

Fourth Semester of Clinical Component

- SOC 3100 - Introduction to Sociology 3 Credit(s)
- NUR 1900 - Family Centered Maternity Nursing 4 Credit(s)
- NUR 2300 - Nursing of Children 5 Credit(s)
- NUR 2400 - Issues In Nursing 1 Credit(s)

Electives:

0 credits sufficient to meet required total of 66 credits

Notes:

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

**Students who are accepted into the LPN to RN Bridge Program (LRN) will complete NUR 1000 LPN to RN Bridge Course their first semester of Clinical. Upon successful completion of NUR 1000 , students will be awarded Credit for Prior Learning for NUR 1700 - Calculations for Medication Administration, NUR 1800 - Fundamentals of Nursing, and NUR 2100 - Nursing the Ill Adult I

The *Nursing, A.A.S.,* is approved by the New York State Education Department, Office of the Professions, Division of Professional Licensing Services Nurse Unit, 89 Washington Avenue, Albany, NY 12234-1000 or phone (518) 474-3817, ext. 280, and accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326 or phone (404) 975-5000.

Total Credits: 66

Nursing

THE A.A.S. IN NURSING HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION EACH SEMESTER.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS TAKING A SEQUENCE OF COURSES WHICH, ONCE SATISFACTORILY COMPLETED, COULD LEAD TO ENTRANCE INTO THE CLINICAL NURSING MAJOR.

Admission Criteria

The Nursing Program consists of two components: Pre-Clinical and Clinical.

To be considered for the Clinical component of the Program, students must comply with the following:

1. be enrolled in the Pre-clinical Component. Students must complete an application for Pre-Clinical Nursing during the period noted on the Academic Calendar. This application is obtained in the Registrar's Office, A-101. The student must see a nursing counselor to discuss their academic performance and obtain a counselor's signature on the application. The application is submitted to the Nursing Department;
2. be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s) before completion of the four (4) courses in the Pre-Clinical Sequence;
3. complete the four (4) courses in the Pre-Clinical Sequence: ENG 1200, PSY 1100, BIO 1100 and SCI 2500;
4. complete the four courses in the Pre-Clinical Sequence with at least a grade point average of **2.80** and earn at least two (2) "B's" (one of which must be in SCI 2500 or BIO 1100);
5. students who have repeated and/or withdrawn from any of the Pre-Clinical Sequence courses may not be considered for admission to the Nursing program;
6. all grades received for courses taken in the Pre-Clinical Sequence at Kingsborough will be included in the Pre- Clinical average computation;
7. submit transcripts from other colleges (NOTE: Letter grades received in the Pre-Clinical sequence courses at other colleges will be used to determine eligibility for admission); **any biological sciences course more than 10 years old will not be accepted for exemption or credit;**
8. perform satisfactorily on the Test of Essential Academic Skills (TEAS) and;
9. transfer students from other colleges must be in good academic standing. Students who are on academic probation or have been administratively dismissed from a Nursing program at a previous school are not eligible for admission to the Nursing program.
10. The student must earn a minimum of "C" in all pre- and corequisite courses inclusive of BIO 1200, BIO 5100, ENG 2400, PSY 3200, and SOC 3100. Students who have repeated and/or withdrawn from these courses may not be considered for admission to the Nursing Program.
11. Students are permitted to defer for one (1) semester only and with the approval of the Chairperson of the Nursing Department. Upon approval the student must enter the program the following semester. Failure to do so will result in the need to reapply to the program following all the criteria for admission, inclusive of retaking the TEAS.

Students who successfully complete the prescribed Pre-Clinical Sequence requirements may formally file for enrollment into the Clinical component of the Nursing Program. Application forms for the Clinical component of the Nursing Program are available online through the Nursing website. The application should be filed during the fall or spring session in which the student expects to complete the pre-clinical requirements. **Students completing the requirements during the summer or winter module should file their applications in the following semester. Specific filing dates are available in the Nursing Department Office.**

Completion of the above conditions (1–8) **does not** guarantee admission into the Clinical component of the Nursing Program. Admission into the Clinical component will be based on space availability, the Pre-Clinical Sequence average and the Test of Essential Academic Skills (TEAS) results.

Qualified applicants who are not admitted to the Clinical component due to lack of available space **will not** be placed on a waiting list or be given preferential admission into a later class. These students should consult with their academic Advisor to discuss further options.

Licensed Practical Nurses who are accepted into the Clinical phase of the Nursing Program may receive credit for NUR 1800 - Fundamentals of Nursing by earning a score of level two or better on the ATI Proctored RN Fundamentals Exam. Credit for NUR 1700 - Calculations for Medication Administration may be earned by passing the Nursing Department examination with a grade of "B" or higher.

Licensed Practical Nurses who are accepted into the Clinical phase of the Nursing Program may apply to the LPN to RN Bridge Program (LRN), an advanced standing pathway for Licensed Practical Nurses, that allows students to receive Credit for Prior Learning (CPL) for NUR 1700 - Calculations for Medication Administration (1 credit), NUR 1800 - Fundamentals of Nursing (7 credits), and NUR 2100 - Nursing the Ill Adult I (9 credits). Applicants must hold a current LPN licensure and complete the LPN to RN Bridge Course (NUR 1000) with a minimum grade of "C".

Starting in the Fall 2020 semester and beyond, the Nursing program will consider applicants for admission who are eligible for licensing in New York under the regulations of the New York State Education Department. The regulations provide eligibility for citizens and non-citizens who are "not unlawfully present," including those with Deferred Action for Childhood Arrivals (DACA) and those permanently residing in the United States under color of law (PRUCOL)

In order to advance into nursing clinicals, students may demonstrate eligibility through documents that verify that they meet the required criteria. Most common documents include:

1. Proof of U.S. Citizenship through a birth certificate, U.S. passport, naturalization certificate, or a certificate of citizenship
2. Proof of legal permanent resident status with what is known as a "Green Card"
3. Proof of various eligible categories, listed below, generally through an employment authorization document (EAD) or other satisfactory documents

Eligible immigration categories:

- International student with F-1 status
- Asylee
- Refugee
- Temporary Protected Status (TPS)
- Deferred Action for Childhood Arrivals (DACA)
- Individuals paroled into the Unites States whose parole has not expired
- Persons residing in the U.S. pursuant to an Order of Supervision
- Persons granted a stay of deportation/removal
- Persons granted an indefinite voluntary departure
- Persons on whose behalf an immediate relative petition has been approved
- Persons who have filed an application for adjustment of status to permanent resident
- Persons granted Deferred Action Status
- Persons who entered and have continuously residency in the U.S. before 01/01/1972
- Persons granted suspension of deportation or cancellation of removal
- Cuban/Haitian entrants
- Persons with a pending application for asylum, withholding of removal or deportation, protection under the Convention Against Torture (CAT), cancellation of removal, or TPS
- Persons in T or U non-immigrant status
- Self-petitioner under the Violence Against Women Act
- Other persons living in the U.S. who are not unlawfully present

Retention Criteria

A large number of those students who are accepted into the Clinical component of the Nursing Program, complete the Nursing Program.

Criteria for retention in the Nursing Program mandates that students:

1. Earn a minimum of a "C" grade in every required Nursing and corequisite course inclusive of BIO 1200, BIO 5100, ENG 2400, and PSY 3200.
2. Students who achieve a "C-" grade in a required clinical nursing course may apply to repeat the course one time only in the semester immediately following, subject to space availability. The minimum grade for clinical courses that are repeated is a "B-". The "Intent to Return to Nursing Course" form is available on the KCC Nursing Department website under "Forms". This must be completed with a plan of success that demonstrates significant changes in how the course material will be mastered when repeated. Only one required nursing course may be repeated.
3. Students who enter NUR 1700 and NUR 1800 **or** NUR 1000 must complete the Nursing program within four years from the date of entry into these courses. Any student who has not attended nursing courses for two or more consecutive semesters cannot be readmitted into the Nursing Program unless qualifying examinations have been passed in the required nursing courses previously completed successfully. Qualifying examinations may be repeated only once.
4. Students must achieve a grade of "B" in order to pass NUR 1700. Students in NUR 1700 who achieve a failing grade of no less than "C-"may repeat the course one time only after submitting an "Intent to Return Form."
5. Students in the clinical component can only appeal the retention criteria one time.
6. Students in the clinical component can only withdraw once and must be passing to do so.

Pre-NCLEX RN Examination

All students must take the ATI RN Comprehensive Predictor examination while enrolled in their last clinical nursing course.

Malpractice Insurance – Health Clearance – CPR Certification – Criminal Background Checks

Prior to registration, students entering nursing courses in which there are laboratory experiences in hospitals and other health agencies, are required to have malpractice insurance, health clearance and a CPR (BLS) certificate and a criminal background check. The insurance policy, CPR (BLS) certificate, and health clearance must be satisfactory for the entire semester. Information on CPR Certification is available in the Nursing Department Office. Information on health requirements is available from the Health Services Office, A-108. CUNY is now providing nursing students with malpractice insurance thus it is no longer necessary to purchase individual policies.

Notes:

a. Clinical Nursing students incur the expenses of purchasing a required uniform and equipment necessary for clinical practice in health care agencies.
b. The academic requirements in the Nursing curriculum are demanding and students are cautioned to plan their work schedules or extra-curricular activities with this in mind.

Legal Limitations for State Licensure

Requirements for licensure as a Registered Professional Nurse (RN) in New York State include: having attained the age of eighteen years or more, the successful completion of the A.A.S. Degree Program in Nursing, passing the National Council Licensing Examination and being of good moral character. The Office of Professional Discipline investigates all applicants with a prior criminal conviction(s) and/or pending criminal charges (felony or misdemeanor). Following its investigation, a determination will be made as to the applicant's eligibility for licensure.

The majority of students who complete the Nursing Program requirements and graduate from Kingsborough pass the licensing examination (NCLEX-RN) on their first attempt. Most graduates are employed in acute care or long-term care facilities.

Physical Therapist Assistant, A.A.S.

HEGIS: 5219.00
PROGRAM CODE: 88328
PROGRAM DIRECTOR: Dr. Steven Skinner
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Physical Therapist Assistant AAS degree prepares students with the professional training and hands-on experience for a career as a Physical Therapist Assistant. The degree provides a balance of general education courses and introduces students to the theory and practice of physical therapy through classroom, laboratory, and clinical experiences. The curriculum aligns with the Commission on Accreditation in Physical Therapy Education (CAPTE) criteria and standards to ensure quality in the entry-level preparation of physical therapists assistants and the evolving nature of education, research, and practice characteristics of physical therapy. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Physical Therapist Assistant, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Physical Therapist Assistant degree program requirements, graduates will:

1. demonstrate PTA entry-level skills that are applicable to a variety of patient care settings
2. demonstrate an awareness and commitment to patient dignity as well as social responsibility, citizenship, and advocacy
3. recognize individual and cultural differences and respond appropriately in all aspects of physical therapy services

4. demonstrate competence in implementing and adjusting selected components of interventions identified in the plan of care
5. adjust interventions within the plan of care and report this and any changes in patient's status
6. recognize when intervention should not be provided due to changes in the patient's status and respond appropriately
7. demonstrate competency in performing components of data collection skills essential for carrying out the plan of care
8. recognize when the direction to perform an intervention is beyond that which is appropriate
9. communicate with the patient, the physical therapist, health care delivery personnel, and others
10. communicate an understanding of the plan of care developed by a physical therapist to achieve short and long term goals
11. demonstrate sensitivity to patients' non-verbal behavior as it relates to their reaction to treatment services provided
12. complete thorough, accurate, logical, concise, timely, and legible documentation
13. demonstrate competency in the use of information technology
14. participate in administrative functions within a physical therapy service
15. participate in discharge planning and follow-up as directed by the supervising physical therapist

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 2010 - Statistics with Elementary Algebra 3 Credit(s) **or**
    - MAT 20B0 - Statistics with Algebra 3 Credit(s) **or**
    - MAT 2000 - Elements of Statistics 3 Credit(s)
- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (3 Courses, 10 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. Group C and E are satisfied by the courses shown.

C. Creative Expression Designated Course*

- SPE 2100 - Effective Public Speaking 3 Credit(s)

E. Scientific World Designated Course*

- PSY 1100 - General Psychology 3 Credit(s)
- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)

Major Requirements (12 Courses, 44 Credits):

- PTA 100 - Foundations of Physical Therapy I 3 Credit(s)
- PTA 200 - Kinesiology and Applied Anatomy 4 Credit(s)
- PTA 300 - Foundations of Physical Therapy II 3 Credit(s)
- PTA 400 - Modalities and Procedures I 5 Credit(s)
- PTA 500 - Therapeutic Exercise 5 Credit(s)
- PTA 600 - Clinical Practicum I 3 Credit(s)
- PTA 700 - Modalities and Procedures II 4 Credit(s)
- PTA 800 - Selected Topics in Physical Therapy 5 Credit(s)
- PTA 900 - Clinical Practicum II 3 Credit(s)
- PTA 1000 - Introduction to Physical Therapy 3 Credit(s)
- PTA 2000 - Pathology 3 Credit(s)
- PTA 2500 - Interactions in the Clinic 3 Credit(s)

Electives:

1 credit sufficient to meet required total of 68 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The *Physical Therapist Assistant Program* is accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE), an independent part of the American Physical Therapy Association (APTA), 3030 Potomac Ave, Suite 100, Alexandria, VA 22305-3085; phone (703) 706-3245; email: accreditation@apta.org. If needing to contact the program/institution directly, please call, (718) 368-4818 or email: steven.skinner@kbcc.cuny.edu.

Total Credits: 68

Physical Therapist Assistant

THE A.A.S. IN PHYSICAL THERAPIST ASSISTANT (PTA) HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION EACH SPRING SEMESTER. THE COURSES ARE OFFERED ONCE PER ACADEMIC YEAR.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS TAKING A SEQUENCE OF COURSES WHICH, ONCE SATISFACTORILY COMPLETED, COULD LEAD TO ENTRANCE INTO THE PHYSICAL THERAPIST ASSISTANT MAJOR.

The mission of the Physical Therapist Assistant program at Kingsborough Community College is to: develop well qualified entry level physical therapist assistants who reflect the ethnic and cultural diversity of the community which the college serves and who function under the supervision of the physical therapist in a variety of physical therapy settings, capable of providing physical therapy treatments as outlined by the physical therapist to the satisfaction of the physical therapist. Further, the mission includes graduating clinicians who meet standards for licensure or registration as a physical therapist assistant in a variety of states. The mission also includes meeting the accreditation standards of the Commission on Accreditation in Physical Therapy Education (CAPTE) for Physical Therapist Assistant Programs.

Minimum Entrance Requirements

A maximum of 24 students are admitted each Spring term.

To be considered for the Physical Therapist Assistant Program, students must be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).

Students must apply for admission to the PTA Program by mid-November of the term preceding entry into the program. Applications for the program are available in the Program Director's office, S-128.

Admission Requirements

Minimum overall grade point average of 2.80. Successful completion of the following prerequisite courses: ENG 1200, PSY 1100, MAT 2010 **or** MAT 20B0 **or** MAT 2000, and BIO 1100 for consideration for the program. Courses from other colleges to be applied toward program requirements must have grades submitted for them.

In addition to completing the prerequisite courses, students must complete a minimum of 25 hours of exposure to physical therapy services, provide a letter of recommendation from a physical therapist working in the exposure facility, and submit a writing sample on an assigned topic.

Top candidates are interviewed by a panel of faculty and complete the Test of Essential Academic Skills (TEAS).

Students who have been administratively dismissed from a Physical Therapist Assistant program at a previous school are not eligible for admission to the Physical Therapist Assistant program.

The admissions process is a competitive process and not all applicants are granted admission to the program. Students interested in the program should contact the Director of the PTA Program, S-128.

Starting in the Fall 2020 semester and beyond, the Physical Therapist Assistant program will consider applicants for admission who are eligible for licensing in New York under the regulations of the New York State Education Department. The regulations provide eligibility for citizens and non-citizens who are "not unlawfully present," including those with Deferred Action for Childhood Arrivals (DACA) and those permanently residing in the United States under color of law (PRUCOL)

In order to advance into the program, students may demonstrate eligibility through documents that verify that they meet the required criteria. Most common documents include:

1. Proof of U.S. Citizenship through a birth certificate, U.S. passport, naturalization certificate, or a certificate of citizenship
2. Proof of legal permanent resident status with what is known as a "Green Card"
3. Proof of various eligible categories, listed below, generally through an employment authorization document (EAD) or other satisfactory documents

Eligible immigration categories:

- International student with F-1 status
- Asylee
- Refugee
- Temporary Protected Status (TPS)
- Deferred Action for Childhood Arrivals (DACA)
- Individuals paroled into the Unites States whose parole has not expired
- Persons residing in the U.S. pursuant to an Order of Supervision
- Persons granted a stay of deportation/removal
- Persons granted an indefinite voluntary departure
- Persons on whose behalf an immediate relative petition has been approved
- Persons who have filed an application for adjustment of status to permanent resident
- Persons granted Deferred Action Status
- Persons who entered and have continuously residency in the U.S. before 01/01/1972
- Persons granted suspension of deportation or cancellation of removal
- Cuban/Haitian entrants
- Persons with a pending application for asylum, withholding of removal or deportation, protection under the Convention Against Torture (CAT), cancellation of removal, or TPS
- Persons in T or U non-immigrant status
- Self-petitioner under the Violence Against Women Act
- Other persons living in the U.S. who are not unlawfully present

Retention Criteria

Criteria for retention in the Physical Therapist Assistant Program mandates that students:

1. within the program must earn a "C" or better in all PTA courses. In addition, students must earn a "C" or better on all comprehensive final practical and written examinations in PTA courses.
2. receiving less than "C" in any PTA course will be prohibited from progressing in the program. The student may apply for readmission the following academic year. Upon readmission the student must repeat the course. A course may only be repeated once. No more than two required PTA courses can be repeated because of an unsatisfactory initial grade.
3. repeating a course must register for it the next time that course is offered and must demonstrate competency in all prior coursework before progressing in the program.

Practicum Courses

Following the successful completion of the first two terms of the program students will enroll in Practicum courses and will participate as physical therapist assistant students in various physical therapy settings. During the Practicum courses, students will be required to attend the clinic full-time including days, nights and weekend hours, as directed by the facility.

Practicum Requirements

Course Completion:

The student must complete and achieve a grade of "C" in the following courses prior to placement in the first Practicum:

> PTA 100, PTA 1000, PTA 200, PTA 2000, PTA 300, PTA 400, PTA 500, BIO 1100 and BIO 1200.

Health Clearance – Malpractice Insurance – CPR Certification

Prior to registration for the first Practicum, students in the Physical Therapist Assistant Program are required to obtain health clearance. The program will supply each student with a standard medical form. Students must submit physician signed evidence of compliance with health requirements regarding annual physical examination, immunization, tuberculosis testing by the second week of the fall session.

All PTA students are required to maintain liability insurance during clinical Practicums. Students must provide valid documentation of this to the Academic Coordinator of Clinical Education (ACCE) in the PTA program prior to registration. Students must also obtain CPR (BLS) certification and provide documentation to the ACCE prior to registration in the first Practicum.

Notes

a. Students incur the expenses of purchasing a lab coat and scrubs and may opt to purchase individual protective goggles.
b. The academic requirements in the Physical Therapist Assistant curriculum are demanding and students are cautioned to plan their work schedules and extra-curricular activities with this in mind.

Licensure

Following completion of all academic requirements graduates must successfully complete the National Physical Therapy Examination (NPTE) for Physical Therapist Assistants.

Polysomnographic Technology, A.A.S.

HEGIS: 5299.00
PROGRAM CODE: 36624
PROGRAM DIRECTOR: Prof. Matthew Ebben
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Polysomnographic Technology AAS degree prepares students with the professional training and hands-on experience for a career as a Polysomnographic Technician. The degree provides a balance of general education courses and introduces students to the theory and practice of polysomnographic technology through classroom, laboratory, and clinical experiences. The curriculum provides students with the knowledge and training in all aspects of sleep medicine required to work as a polysomnographic technician including the evaluation of multiple physiological parameters during sleep and expert observational reporting that are used to assist in the education, diagnosis, treatment, and follow-up of sleep disorders in patients of all ages. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Polysomnographic Technology, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Polysomnographic Technology degree program requirements, graduates will:

1. demonstrate the knowledge and skills required to work in accredited sleep laboratories throughout the country
2. be qualified to become licensed polysomnographic technicians in New York State

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 2010 - Statistics with Elementary Algebra 3 Credit(s) **or**
    - MAT 20B0 - Statistics with Algebra 3 Credit(s) **or**
    - MAT 2000 - Elements of Statistics 3 Credit(s)
- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (4 Courses, 13 Credits):

When Flexible Core Courses are specified for a category, they are required for the major**.** Group D and E are satisfied by the courses shown.

D. Individual and Society Designated Course:*

- PHI 7600 - Ethics and Morality in the Health Professions 3 Credit(s)

E. Scientific World Designated Courses:*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

AND

- MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
- MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
- MAT 900 - College Algebra 3 Credit(s)

Major Requirements (9 Courses, 34 Credits):

- PSG 100 - The Science of Sleep and Circadian Rhythms 3 Credit(s)
- PSG 101 - Neuroscience and Pharmacology in Sleep 4 Credit(s)
- PSG 102 - Foundations of Polysomnography I 3 Credit(s)
- PSG 103 - Clinical Practicum in Sleep Medicine I 6 Credit(s)
- PSG 104 - Foundations of Polysomnography II 3 Credit(s)
- PSG 105 - Clinical Polysomnographic Scoring 3 Credit(s)
- PSG 106 - Classification of Sleep Disorders 3 Credit(s)
- PSG 107 - Cardiopulmonary Physiology in Sleep 3 Credit(s)
- PSG 108 - Clinical Practicum in Sleep Medicine II 6 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The *Polysomnographic Technology, A.A.S.,* has been awarded initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation for Polysomnographic Technologist Education (CoA PSG). The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, *http://www.caahep.org*. The Committee on Accreditation for Polysomnographic Technologist Education (CoA PSG) is located at 1711 Frank Avenue, New Bern, NC 28560 or phone (252) 626- 3238.

Total Credits: 60

Polysomnographic Technology

THE A.A.S. IN POLYSOMNOGRAPHIC TECHNOLOGY HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION EACH SPRING SEMESTER. THE COURSES ARE OFFERED ONCE PER ACADEMIC YEAR.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS. ONCE STUDENTS SATISFACTORILY COMPLETE A SEQUENCE OF COURSES THEY WILL BE CONSIDERED INTO THE POLYSOMNOGRAPHIC TECHNOLOGY MAJOR.

Admission Criteria

To be considered for the Polysomnographic Technology program, students must comply with the following:

1. English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).
2. Students must complete BIO 1100*, MAT 9010* **or** MAT 9B0* **or** MAT 900*, ENG 1200, and PSG 100 with a minimum grade of "C".
3. Formal interview with the Program Director

***It is HIGHLY recommended that students complete BIO 1100 and MAT 9010 or MAT 9B0 or MAT 900 during the 12-week semester.**

Starting in the Fall 2020 semester and beyond, the Polysomnographic Technology program will consider applicants for admission who are eligible for licensing in New York under the regulations of the New York State Education Department. The regulations provide eligibility for citizens and non-citizens who are "not unlawfully present," including those with Deferred Action for Childhood Arrivals (DACA) and those permanently residing in the United States under color of law (PRUCOL)

In order to advance into the program, students may demonstrate eligibility through documents that verify that they meet the required criteria. Most common documents include:

1. Proof of U.S. Citizenship through a birth certificate, U.S. passport, naturalization certificate, or a certificate of citizenship
2. Proof of legal permanent resident status with what is known as a "Green Card"
3. Proof of various eligible categories, listed below, generally through an employment authorization document (EAD) or other satisfactory documents

Eligible immigration categories:

- International student with F-1 status
- Asylee
- Refugee
- Temporary Protected Status (TPS)
- Deferred Action for Childhood Arrivals (DACA)
- Individuals paroled into the Unites States whose parole has not expired
- Persons residing in the U.S. pursuant to an Order of Supervision
- Persons granted a stay of deportation/removal
- Persons granted an indefinite voluntary departure
- Persons on whose behalf an immediate relative petition has been approved
- Persons who have filed an application for adjustment of status to permanent resident
- Persons granted Deferred Action Status
- Persons who entered and have continuously residency in the U.S. before 01/01/1972
- Persons granted suspension of deportation or cancellation of removal
- Cuban/Haitian entrants
- Persons with a pending application for asylum, withholding of removal or deportation, protection under the Convention Against Torture (CAT), cancellation of removal, or TPS
- Persons in T or U non-immigrant status
- Self-petitioner under the Violence Against Women Act
- Other persons living in the U.S. who are not unlawfully present

Retention Criteria

Criteria for retention in the Polysomnographic Technology Program mandates that students:

1. earn a minimum of a "C" grade in all required courses (both PSG and general education)
2. earning less than a "C" grade in **any** course, may repeat the course ONE TIME (subject to space availability) and must earn at least a grade of "C" in the repeated course.
3. earning a grade of less than "C" in **any** *repeated* course the student will be dismissed from the Polysomnographic Technology Program.

Any student who has not attended PSG courses for two or more consecutive semesters cannot be readmitted into the Polysomnographic Technology Program unless qualifying examinations have been passed in sequential order of the course previously completed. These qualifying examinations can be repeated only once. In addition, the student must demonstrate clinical competency by passing a clinical practical examination prior to returning to any of the clinical courses.

Malpractice Insurance – Health Clearance – CPR Certification – Criminal Background Checks

Prior to registration, students entering Polysomnographic Technology courses in which there are laboratory experiences in hospitals and other health agencies, are required to have malpractice insurance, health clearance and a CPR (BLS) certificate and a criminal background check. The insurance policy, CPR (BLS) certificate, and health clearance must be satisfactory for the entire semester. Information on CPR Certification is available in the Nursing Department Office. Information on health requirements is available from the Health Services Office, A-108. CUNY is now providing Polysomnographic Technology students with malpractice insurance thus it is no longer necessary to purchase individual policies.

Surgical Technology, A.A.S.

HEGIS: 5211.00
PROGRAM CODE: 29509
PROGRAM DIRECTOR: Prof. Tyronne Johnson
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Surgical Technology AAS degree prepares students with the professional training and hands-on experience for a career as a Surgical Technologist. The degree provides a balance of general education courses and introduces students to the theory and practice of Surgical Technology and Perioperative practice through classroom, laboratory, and clinical experiences. The curriculum prepares students to function as crucial members of the surgical team and demonstrate knowledge of anatomy and physiology, medical terminology, aseptic techniques, surgical procedures and instrumentation, and the professional and ethical responsibilities of the surgical technologist. Students are prepared to recognize the variety of a patient's needs and the impact of personal, physical, emotional, and cultural experiences in patient interaction, care, and treatment. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Surgical Technology, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Surgical Technology degree program requirements, graduates will:

1. correlate the knowledge of medical terminology, surgical procedures, and anatomy and physiology to the student's role as a surgical technologist and recognize their relationship to safe patient care
2. understand the principles of safe patient care in the preoperative, intraoperative, and postoperative surgical settings

3. develop and apply fundamental surgical technology skills through practice and evaluation in the laboratory and clinical settings
4. accurately apply the principles of asepsis across the spectrum of common surgical experiences
5. recognize the variety of a patient's needs and the impact of their personal, physical, emotional, and cultural experiences
6. demonstrate professional responsibility in performance, attitude, and personal conduct in the classroom and clinical setting

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)*
- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (4 Courses, 13 Credits):

When Flexible Core Courses are specified for a category, they are required for the major**.** Group D and E are satisfied by the courses shown:

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- PHI 7600 - Ethics and Morality in the Health Professions 3 Credit(s)
- SOC 3100 - Introduction to Sociology 3 Credit(s)

E. Scientific World Designated Course*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (13 Courses, 38 Credits):

- BIO 5100 - Microbiology in Health and Disease 4 Credit(s)
- ST 990 - Integrated Healthcare Sciences and Medical Terminology 3 Credit(s)
- ST 100 - Surgical Technology I 3 Credit(s)
- ST 200 - Surgical Technology II 3 Credit(s)
- ST 2P00 - Surgical Technology II Laboratory Component 3 Credit(s)
- ST 300 - Surgical Technology III 3 Credit(s)
- ST 3P00 - Practicum I 2 Credit(s)
- ST 400 - Surgical Procedures 3 Credit(s)
- ST 4P00 - Practicum II 2 Credit(s)
- ST 500 - Advanced Surgical Procedures 3 Credit(s)
- ST 5P00 - Practicum III 3 Credit(s)
- ST 600 - Professional Strategies for the Surgical Technologist 3 Credit(s)
- ST 6P00 - Practicum IV 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 64 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The Certified Surgical Technologist (CST) to Associate of Applied Science (AAS) Bridge Program is designed specifically for the practicing CST. Active Certified Surgical Technologist's receive credit for ST 990, ST 100, ST 200, ST 2P00, ST 300, ST 3P00, ST 400, ST 4P00, ST 500, ST 5P00, ST 600, and ST 6P00 (34-credits), and will complete 30-credits of General Education requirements. Students who have a national certification for sterile processing may be eligible to receive credit for ST 990.

The Surgical Technology Program of Kingsborough Community College is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Accreditation Review Council on Education In Surgical Technology and Surgical Assisting (www.arcstsa.org).

Total Credits: 64

Surgical Technology

THE A.A.S. IN SURGICAL TECHNOLOGY HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION EACH SEMESTER.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS TAKING A SEQUENCE OF COURSES WHICH, ONCE SATISFACTORILY COMPLETED, COULD LEAD TO ENTRANCE INTO THE SURGICAL TECHNOLOGY MAJOR.

The Surgical Technology Program provides the professional skills required for a career in health care. The program introduces the student to the theory and practice of Surgical Technology and Perioperative practice in the classroom, laboratory and actual clinical setting. Students are prepared to function as a professional member of the surgical team by demonstrating knowledge of aseptic techniques, surgical procedures and instrumentation. The learning environment for students facilitates the development of knowledge, skills and values for professional development. The students garner sufficient background to be able to assimilate the policies and procedures of any health care institution consistent with their scope of practice in New York State. Upon completion of the program, graduates are eligible to take the certification examination offered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA).

Career Opportunities

Surgical Technologists are crucial members of the surgical team. They are employed in hospital operating rooms, delivery rooms, cast rooms, ambulatory care units and central supply departments. They serve in clinics, ophthalmologists', physicians' and dentists' offices. With a broad educational background combined with the specialized focus they possess, Surgical Technologists function very well in diverse areas such as medical sales, product development and research, laser technology and bio-medical engineering.

Minimum Entrance Requirements

To be considered for the Surgical Technology Program, students must comply with the following:

1. Must be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).
2. Complete the following three courses, BIO 1100, ENG 1200, and ST 990 with a minimum grade point average of **2.40**. Students must earn a minimum grade of "B" in either BIO 1100 or ST 990 and **cannot** earn below a grade of "C" in any of these three courses.
3. The admissions process is a competitive process and not all applications are granted admission to the program. Top candidates participate in a formal interview with the Surgical Technology Faculty Panel.

In order to apply for the Surgical Technology program, the student must complete the Surgical Technology Program Application and submit to the Program Director. Applications are reviewed by the Program Director after final grades have been recorded for the semester. The Program Director will send a letter of acceptance of denial before the start of the semester in which the student applied.

Due to limited clinical site availability, enrollment in the Program is limited. Therefore, meeting the minimum grade requirements is not a guarantee of admission into the Surgical Technology Program.

Certified Surgical Technologists (CST) Bridge Program

Certified Surgical Technologists (CST) will receive credit for the required Surgical Technology courses, totaling 34 credits:

- ST 990, ST 100, ST 200, ST 2P00, ST 300, ST 3P00, ST 400, ST 4P00, ST 500, ST 5P00, ST 600, and ST 6P00.

CST's are responsible for completing the remaining Degree Requirements, totaling 30 credits, at Kingsborough Community College as per Residency Requirements:

- ENG 1200, ENG 2400, BIO 1100, BIO 1200, BIO 5100, PSY 1100, PHI 7600, SOC 3100, and Mathematical and Quantitative Reasoning (MQR) Course (3 credits).

Students who are CST's should contact the Program Director for additional information and certification.

Students who have a national certification for sterile processing may be eligible to receive credit for ST 990.

Retention Criteria

Criteria for retention in the Surgical Technology Program mandates that students:

1. Receive no more than two grades below "C" in any of the pre- or co-requisite courses, excluding ENG 1200, BIO 1100, and ST 990, in which students must earn a minimum grade of "B" in either BIO 1100 or ST 990 and cannot earn below a grade of "C" in any of these courses.
2. Earn a minimum grade of "C" in all remaining Surgical Technology courses.
3. Students earning less than a "C" grade in a Surgical Technology course may repeat the course one time (subject to space availability). The minimum grade for courses that are repeated is a "B."
4. A second earned grade of less than "C" in any Surgical Technology course will result in dismissal from the Program.

Any student who has not attended surgical technology courses for two or more consecutive semesters cannot be readmitted into the Surgical Technology Program unless qualifying examinations have been passed in sequential order in the courses previously completed. In accordance with the retention criteria of the Nursing Department, these examinations can be repeated only once. In addition, the student must demonstrate clinical competency by passing a Clinical Practicum examination prior to returning to any of the clinical courses.

Practicum Courses

Following the successful completion of the first semester of the program, students will enroll in Practicum Courses and will participate in actual surgical procedures in the operating rooms at various clinical agencies.

Practicum Requirements

Course Completion:

The student must complete and achieve a grade of "C" in the following courses prior to placement in the first practicum:

- ENG 1200
- BIO 1100
- ST 990
- ST 100
- ST 200

Malpractice Insurance – Health Clearance – CPR Certification – Criminal Background Checks

Prior to registration, students entering Surgical Technology courses in which there are laboratory experiences in hospitals and other health agencies, are required to have malpractice insurance, health clearance and a CPR (BLS) certificate and a criminal background check. The insurance policy, CPR (BLS) certificate, and health clearance must be satisfactory for the entire semester. Information on CPR Certification is available in the Nursing Department Office. Information on health requirements is available from the Health Services Office, A-108. CUNY is now providing Surgical Technology students with malpractice insurance thus it is no longer necessary to purchase individual policies.

Notes:

a. Information on obtaining CPR (BLS) certification and malpractice insurance is available in the
b. Allied Health, Mental Health and Human Services Department Office (C-206B).
c. Students incur the expenses of purchasing a lab coat and KCC patch and may opt to purchase individual protective goggles.
d. The academic requirements in the Surgical Technology curriculum are demanding and students are cautioned to plan their work schedules and extra-curricular activities with this in mind

The Business of Fashion, A.A.S.

HEGIS: 5004.00
PROGRAM CODE: 85381
PROGRAM DIRECTOR: Prof. Katharine Nareski
DEPARTMENT: BUSINESS

The Business of Fashion AAS degree exposes students to marketing and merchandising in the fashion industry. The degree has aligned with the needs of employers in the fashion industry to prepare students for entry-level positions within the field. The curriculum is designed to ensure graduates are able to explain and evaluate marketing and merchandising strategies, identify short and long-term trends for development of new products, identify the impact of roles, skills and responsibilities of supervisors managing an organization, and includes hands-on training through field work experience.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for The Business of Fashion, A.A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Business of Fashion degree program requirements, graduates will:

1. demonstrate a level of mathematical and computer skills appropriate for employment in the fashion industry to include using Excel and Photoshop.
2. evaluate marketing and merchandising strategies
3. identify short and long-term trends for the development of new products and overall themes for the fashion industry
4. identify the impact, roles, skills, responsibilities, and accountability of supervisors in managing an organization
5. explain the basic theory and practice of merchandising
6. apply principles of retail buying to plan, select, and control merchandise

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (3 Courses, 9 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major**.** Select **one (1)** course from **three (3)** Groups A to E for a total of **nine (9)** credits. Each Course Must be in a Different Discipline

A. World Cultures and Global Issues Designated Course

B. U.S Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- *Suggested:* ECO 1200 - Macroeconomics 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (13 Courses, 39 Credits):

- BA 1100 - Fundamentals of Business 3 Credit(s)
- BA 1200 - Business Law I 3 Credit(s)
- BA 1400 - Principles of Marketing 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)
- BF 1900 - Fashion Forecasting 3 Credit(s)
- BF 3100 - Elements of Retail Management 3 Credit(s)
- BF 3200 - Product Development 3 Credit(s)
- BF 3300 - Salesmanship 3 Credit(s)
- BF 3400 - Merchandising Planning and Control 3 Credit(s)
- BF 3500 - Textiles 3 Credit(s)
- BF 3900 - Fashion Sales Promotion 3 Credit(s)
- BF 9229 - Field Experience in the Business of Fashion 3 Credit(s)
- FD 1300 - Computerized Fashion Design 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Total Credits: 60

Tourism and Hospitality, A.A.S.

HEGIS: 5011.10
PROGRAM CODE: 81183
PROGRAM DIRECTOR: Dr. Anthony Borgese
DEPARTMENT: TOURISM AND HOSPITALITY

The Tourism and Hospitality AAS degree exposes students to the tourism and hospitality industry with specialized concentrations in hotel management, tourism, and food and beverage management. The degree has aligned with the needs of the industry to prepare students for entry-level positions within the field. The curriculum is designed to provide students with the knowledge of products, processes, services, regulating and certifying agencies, hands-on training utilizing industry software and technology, and field work experience. Opportunities for possible industry certifications from the American Hotel and Lodging Association with passing exam scores.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Tourism and Hospitality, A.A.S. - Food and Beverage Management Concentration

Degree Map for Tourism and Hospitality, A.A.S. - Hotel Management Concentration

Degree Map for Tourism and Hospitality, A.A.S. - Tourism Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Tourism and Hospitality degree program requirements, graduates will:

1. demonstrate a current knowledge of products and services offered by various segments of the tourism/hospitality industry
2. explain how tourism/hospitality products and services are distributed, marketed, and sold
3. recognize the importance of service in the tourism/hospitality industry

4. demonstrate a knowledge of destinations (culture, history, geography, food, attractions, etc.)
5. properly apply the specialized vocabulary used by industry professionals
6. use technology related to business and the tourism/hospitality industry
7. discuss their knowledge of processes and systems used in various segments of the industry
8. explain the relationship of the industry to regulators, government, certifying agencies, and professional organizations
9. identify careers and entrepreneurial opportunities in tourism/hospitality
10. develop skills in reading, writing, communication, computation, research, analysis and entrepreneurship

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (3 Courses, 9 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major**.** Select **one (1)** course from **three (3)** Groups A to E for a total of **nine (9)** credits. Each Course Must be in a Different Discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (9 Courses, 27 Credits):

- TAH 100 - Introduction to Tourism and Hospitality 3 Credit(s)
- TAH 400 - Tourism and Hospitality Customer Service 3 Credit(s)
- TAH 500 - Human Resources and Labor Relations in Tourism and Hospitality 3 Credit(s)
- TAH 1200 - Tourism and Hospitality Entrepreneurship 3 Credit(s)
- TAH 2500 - Tourism and Hospitality Marketing 3 Credit(s)
- TAH 3000 - TAH Financial Decision-Making 3 Credit(s)
- TAH 9096 - The Virtual Enterprise 3 Credit(s)
- TAH 9250 - Field Experience in Tourism and Hospitality 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)

Concentrations (4 Courses, 12 Credits):

Select **one (1)** of the following concentrations:

Food and Beverage Management (4 Courses, 12 Credits):

- CA 990 - Culinary Concepts 3 Credit(s)
- TAH 7100 - Introduction to Professional Food Service 3 Credit(s)
- CA 5000 - Food and Beverage Cost Control 3 Credit(s)
- CA 6000 - Beverage Management 3 Credit(s)

Hotel Management (4 Courses, 12 Credits):

- TAH 2200 - Front Office Operations 3 Credit(s)
- TAH 4100 - Meeting and Convention Management 3 Credit(s)
- TAH 5200 - Hotel Property Management Systems 3 Credit(s)
- TAH 5500 - Housekeeping Management 3 Credit(s)

Tourism (4 Courses, 12 Credits):

- TAH 200 - Destination Geography 3 Credit(s)
- TAH 1500 - Cruises and Specialty Markets 3 Credit(s)
- TAH 1700 - Tourism Technology 3 Credit(s)
- TAH 6500 - Airport and Aviation Security and Management 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Total Credits: 60

Notes:

An Internal Transfer Credit Articulation Agreement between the Office of Academic Affairs and Division of Workforce Development, Strategic Partnerships and Office of Continuing Education (WD/OCE) is in place for students who have completed the *ESL Food Handlers program* or the *Customer Service Certificate Microcredential program* through WD/OCE and are matriculated in the A.A.S. Tourism and Hospitality: Food and Beverage Management Concentration (for ESL Food Handler program) or to the A.A.S. Tourism and Hospitality (for Customer Service Certificate Microcredential program).

Criminal Justice, A.A.

HEGIS: 5505.00
PROGRAM CODE: 32563
PROGRAM DIRECTOR: Dr. Vanda Seward
DEPARTMENT: BEHAVIORAL SCIENCES

The Criminal Justice AA degree is a jointly registered dual enrollment degree program with John Jay College of Criminal Justice and prepares students for transfer to their baccalaureate program. Courses provide foundational knowledge on the historical development, functions, and roles of the criminal justice system, critical examination of criminological theories and their application, and critical analysis of the social response to crime and the practice of criminal justice. The degree offers two concentrations allowing students to focus on Law Enforcement Studies for a more traditional law enforcement path and Law, Justice and Society, which allows students to focus on advocacy, policy, and community-based work in justice impacted communities as well as legal careers, meeting the needs of the rapidly evolving field of criminal justice.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Criminal Justice, A.A. - Law Enforcement Studies Concentration

Degree Map for Criminal Justice, A.A. - Law, Justice and Society Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Criminal Justice degree program requirements, graduates will:

1. understand the historical development, functions, and roles of each component of the criminal justice system
2. critically analyze the social response to crime and the practice of criminal justice
3. demonstrate the ability to access, conduct interpret, and apply criminal justice research

Law Enforcement Studies Concentration Learning Outcomes:

Upon successful completion of the Culinary Arts Concentration requirements, graduates will:

1. describe and critically examine the major criminological theories on crime causations and prevention, and apply them to criminal justice practice.

Law, Justice and Society Concentration Learning Outcomes:

Upon successful completion of the Culinary Arts Concentration requirements, graduates will:

1. describe and critically examine the major criminological theories on crime causations and prevention, and apply them to policy and community responses.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category they are strongly suggested and/or required for the major**.** One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

- POL 5100 - Introduction to U.S. Government 3 Credit(s)

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- SOC 3100 - Introduction to Sociology 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (5 Courses, 15 Credits):

- CRJ 6300 - Introduction to Criminal Justice 3 Credit(s)
- POL 5100 - Introduction to U.S. Government 3 Credit(s)
- SOC 3100 - Introduction to Sociology 3 Credit(s)
- CRJ 6600 - Constitutional Law 3 Credit(s)
- CRJ 7200 - Minorities and the Criminal Justice System 3 Credit(s)

Concentrations (4 Courses, 12 Credits):

Select **one (1)** of the following concentrations:

Law Enforcement Studies (4 Courses, 12 Credits):

- CRJ 6400 - Crime and Punishment 3 Credit(s)
- CRJ 6700 - The United States Judiciary 3 Credit(s)
- CRJ 6900 - Policing 3 Credit(s)
- CRJ 7000 - Corrections and Sentencing 3 Credit(s)

Law, Justice and Society (4 Courses, 12 Credits):

- SOC 6500 - Introduction to Law and Society 3 Credit(s)
- SOC 4200 - Introduction to Criminology 3 Credit(s)

AND

Select two (2) from the following courses:

- CRJ 6700 - The United States Judiciary 3 Credit(s)
- SOC 3300 - Social Problems 3 Credit(s)
- CRJ 7500 - Fieldwork for Public Service 3 Credit(s)
- CRJ 6400 - Crime and Punishment 3 Credit(s)
- PHI 6600 - Criminal Justice Ethics 3 Credit(s)

Electives:

3 to 12 credits sufficient to meet required total of 60 credits. It is HIGHLY recommended that students choose from the following.

- SOC 6500 - Introduction to Law and Society 3 Credit(s) **and/or**
- CRJ 7500 - Fieldwork in Public Service 3 Credit(s)

It is highly recommended that students in the Law, Justice, and Society Concentration choose electives from those remaining in the list of options above.

Total Credits: 60

Liberal Arts - American Studies Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: TBD

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The American Studies Concentration is an interdisciplinary field that combines various disciplines such as history, literature, political science, sociology, and cultural studies. This interdisciplinary approach fosters critical thinking, analytical skills and a holistic understanding of American society, culture, and identity, which are valuable assets in today's diverse and interconnected world..

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - American Studies Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

American Studies Concentration Learning Outcomes

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. Recognize the social, cultural, and artistic diversity of American culture, and the manner in which axes of social difference produce dissimilar American experiences for individual groups.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major.

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Creative Writing Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- ENG 5900 - Introduction to Creative Writing 3 Credit(s) **AND**

Select two (2) of the following courses:

- ENG 5600 - Creative Writing: Fiction 3 Credit(s)
- ENG 5700 - Creative Writing: Poetry 3 Credit(s)
- ENG 5800 - Creative Writing: Non-Fiction 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Creative Writing Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Eben Wood

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Creative Writing Concentration honors our city and its many writers with a structured curriculum that opens doors and invites original thinking. In a supportive environment, we offer a range of dedicated courses to help burgeoning writers explore their voices and styles.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Creative Writing Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

Creative Writing Concentration Learning Outcomes

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. apply the principles of creative writing (form, technique, and style) to students' own writing projects.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major.

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

American Studies Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- HIS 2000 - U.S. Immigration History 3 Credit(s) **or**
- HIS 5900 - Modern U.S. History from 1945 to the Present 3 Credit(s) **or**
- HIS 6800 - U.S. Women's History

AND

- ENG 7300- Themes in American Literature I: Beginnings to 1865 3 Credit(s) **or**
- ENG 7400 - Themes in American Literature 1865 to Present 3 Credit(s) **or**

AND

Select One (1) course, from one (1) of the following disciplines:

English

- ENG 5600 - Creative Writing: Fiction 3 Credit(s)

Behavioral Sciences

- SOC 3100 - Introductory to Sociology3 Credit(s) **or**
- SOC 3200 - Uran Sociology 3 Credit(s) **or**
- SOC 3600 - Race and Ethnicity 3 Credit(s)

Communications and Performing Arts

- MUS 2100 - Introductory to Jazz 3 Credit(s) **or**
- MCM 3000 - Mass Media 3 Credit(s) **or**

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - General, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - General Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category they are strongly suggested and/or required for the major**.** One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (9 Courses, 27 Credits):

No more than **four (4)** of the following **nine (9)** courses may also satisfy a CUNY Flexible Core requirement:

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)
- Literature or Writing 3 Credit(s)
- Philosophy 3 Credit(s)
- U.S. Politics 3 Credit(s)
- U.S. History 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

AND

- Psychology 3 Credit(s)
- Sociology 3 Credit(s)

Electives:

3 to 15 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - History Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Jack Czarnecki

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The History Concentration provides students with the knowledge and tools vital for thriving in an increasingly competitive global world. History is an ongoing engagement with individuals across a range of cultures, traditions, and ways of seeing, revealing to students that the questions and concerns of the past are often strikingly like those with which we wrestle today.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - History Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

History Concentration Learning Outcomes

Upon successful completion of the History Concentration requirements, graduates will:

1. interpret historical events from a variety of perspectives, while taking into account categories such as class, gender, race, and nation/ethnicity.
2. interpret and assess historical sources through identifying the potential bias of the writer, considering the intended audience, and analyzing the use of language.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

History Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

Select three (3) History courses as follows:

- U.S. History (select one course) 3 Credit(s)
- World History (select one course) 3 Credit(s)
- U.S. History **or** World History (select one course) 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Literary Studies Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Robert Cowan

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Literary Studies Concentration provides students with the opportunity for close examination, interpretation, and analysis of a variety of written works and genres. Students will explore the relationship between literary texts and the cultural, historical, and social contexts, in which they were produced, fostering a deeper understanding of human expression.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Literary Studies Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

Literary Studies Concentration Learning Outcomes:

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. know and apply the terminology of literary studies, recognize literary genres, devices, periods, and cultural contexts, and identify meaningful details in literary texts.
2. communicate individual interpretations precisely and persuasively in written work and/or in scholarly discussions of literary texts.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Literary Studies Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- ENG 3000 - Introduction to Literature

Select two (2) of the following courses:

- ENG 3100 - Classical and Biblical Literature 3 Credit(s)
- ENG 3200 - World Literature 3 Credit(s)
- ENG 3300 - Introduction to Literary Studies 3 Credit(s)
- ENG 3500 - Modern European Literature 3 Credit(s)
- ENG 4000 - Short Fiction 3 Credit(s)
- ENG 4200 - Poetry 3 Credit(s)
- ENG 4300 - Drama 3 Credit(s)
- ENG 4800 - American Environmental Literature 3 Credit(s)
- ENG 6300 - Shakespeare 3 Credit(s)
- ENG 6600 - Literature and Psychology 3 Credit(s)
- ENG 6700 - Women Writers 3 Credit(s)
- ENG 6800 - Gothic and Horror Fiction 3 Credit(s)
- ENG 6900 - Caribbean Literature 3 Credit(s)
- ENG 7000 - Queer Literature 3 Credit(s)
- ENG 7300 - Themes in American Literature I: Beginnings to 1865 3 Credit(s)
- ENG 7400 - Themes in American Literature II: 1865 to Present 3 Credit(s)
- ENG 7700 - African-American Literature: Beginnings to the Harlem Renaissance 3 Credit(s)
- ENG 7800 - Contemporary African-American Literature: Great Depression to Present 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Music Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Prof. Ryan McKinney

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Music Concentration provides students with the foundational course work in music history and music theory, as well as the opportunity to start their college-level music training, while simultaneously taking coursework in a wide range of general education topics. The courses that comprise the music concentration provide liberal arts students with a broad base of knowledge and skills that will serve them in their future music studies.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Music Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).

4. critically examine ethical issues related to complex real-world problems (ethics).

Music Concentration Learning Outcomes

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. understand and apply the foundational terms and concepts of music, both generally and in relationship to specific periods.

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Music Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- MUS 3000 - Introduction to Music Theory 3 Credit(s)

AND

- MUS 3100 - Introduction to Music 3 Credit(s) **or**
- MUS 2700 - Music in World Cultures 3 Credit(s)

AND

- MUS 2100 - Introduction to Jazz 3 Credit(s) **or**
- MUS 2200 - Music of the 20th Century 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Philosophy Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Rick Repetti

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Philosophy Concentration examines fundamental questions about knowledge, reality, and values, such as: How can I know what is true? When am I justified in believing anything? Do morals really matter, or are they just tools of social control? How should I live? Does life have meaning, or do we just make it up as we go along? The Concentration provides foundational courses designed to cultivate deep, critical, and logical engagement with complex philosophical problems.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Philosophy Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts,

and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Philosophy Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

Select any **three (3)** Philosophy courses for a total of nine (9) credits.

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Political Science Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Jamie Aroosi

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Political Science Concentration provides foundational course work to explore the meaning, creation, and function of law and government. This includes understanding not just *what* these structures are, but *how* they come to be and *how* they operate in society. Students deepen their understanding by focusing on key areas such as Political Theory, U.S. Politics, Global Politics, and State, Local, and Urban Politics.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Political Science Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

Political Science Concentration Learning Outcomes:

Upon successful completion of the Political Science Concentration requirements, graduates will:

1. utilize critical thinking to analyze, critique, and debate opinions on the central issues found in political science and associated subfields.
2. formulate cohesive positions about political issues using rigorous quantitative and qualitative data to support their arguments

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Major Requirements (6 Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Political Science Concentration (3 Courses, 9 Credits)

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

Select ONE (1) course from three of the four groups for a total of nine (9) credits

Group I: Political Theory

- POL 5000 - Clash of Political Ideas: Introduction to Political Theory 3 Credit(s)

Group II: U.S. Politics

- POL 5100 - Introduction to U.S. Government 3 Credit(s)
- POL 5500 - U.S. Political Parties 3 Credit(s)

Group III: Global Politics

- POL 5200 - Introduction to Comparative Government 3 Credit(s)
- POL 5900 - Introduction to International Relations 3 Credit(s)

Group IV: State, Local, and Urban Politics

- POL 5300 - State and Local Governments and Politics 3 Credit(s)
- POL 5600 - Urban Politics 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Psychology Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Joseph Verdino

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Psychology Concentration provides students with the foundational coursework in the scientific study of human thought, behavior and emotion. Psychology explores how people think, act, and feel in various situations, seeking to understand the underlying processes that drive us. As a discipline, psychology combines biological, social, and environmental influences to analyze both individual and collective behavior, providing a robust understanding of the complex factors influencing human experience.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts: Psychology Concentration, A.A.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).

4. critically examine ethical issues related to complex real-world problems (ethics).

Psychology Concentration Learning Outcomes

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. understand and apply fundamental psychological theories to the analysis and interpretation of the thoughts, emotions, and behaviors of individuals.

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Psychology Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- PSY 1100 - General Psychology 3 Credit(s)

AND

- PSY 3000 - Child and Adolescent Development 3 Credit(s) **or**
- PSY 3200 - Human Growth and Development 3 Credit(s) **or**
- PSY 3300 - Social Psychology 3 Credit(s)

AND

- PSY 3400 - Psychology of Personality 3 Credit(s) **or**
- PSY 3600 - Abnormal Psychology 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Secondary Education Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Dr. Chico Knight

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Secondary Education Concentration provides a strong foundation in the social underpinnings of education, inclusive of pedagogic theory and practice, and the analysis of social forces that influence education. Students have the opportunity to focus on the academic area they are interested in teaching.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts: Secondary Education Concentration, A.A.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. demonstrate and apply ethical judgment to real-world problems and issues while recognizing multiple perspectives.
2. apply knowledge of human cultures, language, or the natural world to problems and issues experienced across diverse communities.
3. produce or analyze creative works according to a field or discipline's vocabulary and theory, using relevant techniques and processes, and in response to best practices.

Secondary Education Concentration Learning Outcomes:

Upon successful completion of the Secondary Education Concentration requirements, graduates will:

1. describe the history, practices and philosophies of the social underpinnings of education.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Secondary Education Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- EDC 200 - Social Foundations of Education 3 Credit(s) **AND**
- Any **two(2)** courses in an academic area in which you are interested in teaching 6 Credit(s)*

*The Secondary Education Concentration is not recommended for students interested in teaching in the STEM fields. Students interested in teaching STEM should enroll in the corresponding STEM Major at the College.

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Spanish Concentration, A.A.

PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: Prof. Scott Cally

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Spanish Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Spanish Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

Majors electing this concentration must take the following three (3) courses for a total of nine (9) credits dependent upon Language Placement Examination Score:

Beginner:

- SPA 100 - Elementary Spanish I 3 Credit(s)
- SPA 200 - Elementary Spanish II 3 Credit(s)
- SPA 300 - Intermediate Spanish 3 Credit(s)

Intermediate:

- SPA 300 - Intermediate Spanish 3 Credit(s)
- SPA 400 - Readings in Hispanic Literature 3 Credit(s)
- SPA 1800 - Proper Models of Spanish Grammar and Conversation for Native Speakers 3 Credit(s)

Advanced:

- SPA 1800 - Proper Models of Spanish Grammar and Conversation for Native Speakers 3 Credit(s)

- Two (2) Spanish Literature/Culture Courses 6 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Urban Sustainability Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: TBD

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Urban Sustainability Concentration examines the causes of urban sustainability challenges and devises solutions that promote environmental protection, social equity, and economic vitality through an interdisciplinary lens..

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts, A.A. - Urban Sustainability Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).
3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics).

Urban Sustainability Concentration Learning Outcomes

Upon successful completion of the Literary Studies Concentration requirements, graduates will:

1. Discuss the complexity and potential trade-offs between social, economic, and environmental systems when analyzing urban sustainability issues and causes for environmental change.
2. Describe three areas of projected employment growth within the sphere of the concentration that are connected to their interest.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major.

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Major Requirements (6 Courses, 18 Credits):

Course used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Urban Sustainability Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- SOC 3100 - Introduction to Sociology 3 Credit(s)
- ANT 4000 - Environmental Anthropology 3 Credit(s)
  AND

- SOC 3200 - Urban Sociology 3 Credit(s) **or**
- SOC 3600 - Race and Ethnicity3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Liberal Arts - Women's, Gender, and Sexuality Studies Concentration, A.A.

HEGIS: 5649.00
PROGRAM CODE: 01044
PROGRAM DIRECTOR: Dr. Ann Del Principe & Dr. Sarah Dillon
CONCENTRATION COORDINATOR: TBD

The Liberal Arts AA degree provides a foundation in general studies through exploration of an array of subject areas under liberal arts and sciences. Concentrations provide students opportunity to focus in a specific area. Courses promote development and application of effective communication skills, quantitative and scientific reasoning, critical thinking and analysis, and applying knowledge of human cultures, language and the natural world to issues experienced across diverse communities. The degree provides opportunity for transfer to baccalaureate programs.

The Women, Gender and Sexuality Studies Concentration provides students the opportunity to analyze structures of power and dimensions of difference by focusing on gender and the ways in which it intersects with other social identities, such as race, class, sexuality, ethnicity, nationality, ability, age, religion, among others. Students will learn about concepts of sex/gender systems, histories of social movements, interdisciplinary modes of inquiry, political debates, and cultural productions. Students will engage in feminist knowledge projects in both disciplinary locations like English and History and interdisciplinary locations like LGBTQ Studies and Ethnic Studies.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Liberal Arts: Women's, Gender, and Sexuality Studies Concentration, A.A.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Liberal Arts degree program requirements, graduates will:

1. identify patterns and idea expressed in cultural and creative artifacts across a diverse range of historical and cultural contexts (ideas).
2. recognize and use the genres of communication common in various liberal arts disciplines (communications).

3. utilize processes of inquiry associated with liberal arts disciplines to analyze texts, cultural artifacts, and real-life experiences in order to develop an informed understanding of the world (inquiry).
4. critically examine ethical issues related to complex real-world problems (ethics)..

Women's, Gender, and Sexuality Studies Concentration Learning Outcomes:

Upon successful completion of the Women's Gender, and Sexuality Studies Concentration requirements, graduates will:

1. Students will demonstrate their understanding of the social construction of gender through the completion of a designated assignment

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective

Flexible Core (6 Courses, 18 Credits):

One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

Courses used to satisfy the Major requirements **cannot** be used to also satisfy the Concentration requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible core.

- Arts 3 Credit(s) **or**
- Media and Film Studies 3 Credit(s) **or**
- Music 3 Credit(s) **or**
- Theatre 3 Credit(s)

AND

- Speech 3 Credit(s)

AND

- Literature and Writing **or** Philosophy 3 Credit(s)

AND

- U.S. Politics **or** U.S. History 3 Credit(s)

AND

- Psychology **or** Sociology 3 Credit(s)

AND

- World History 3 Credit(s) **or**
- Anthropology 3 Credit(s) **or**
- World Language 3 Credit(s)

Women's, Gender, and Sexuality Studies Concentration (3 Courses, 9 Credits):

Courses used to satisfy the Concentration requirements **cannot** be used to also satisfy the Major requirements. Students enrolled in a Concentration **cannot** use the following required courses to also satisfy the CUNY Required or Flexible Core.

- BEH 2100 - Introduction to Women's, Gender, and Sexuality Studies 3 Credit(s)

AND

Select two (2) courses, one (1) course from each of the following two Groups:

Group I: Social Sciences (Select one course)

- ANT 3900 - Sexuality and Culture 3 Credit(s) *
- PSY 3700 - Psychology of Gender 3 Credit(s) *
- SOC 3800 - Sociology of Gender 3 Credit(s) *
- POL 7500 - Gender and Politics 3 Credit(s)

Group II: Humanities (Select one course)

- ART 3900 - History of Women in Art 3 Credit(s)
- ENG 6700 - Women Writers 3 Credit(s)
- HIS 6800 - U.S. Women's History 3 Credit(s)
- PHI 6500 - Philosophy of Sex and Gender 3 Credit(s)

Electives:

3 credits sufficient to meet required total of 60 credits.

Notes:

- *These courses have a prerequisite. To fulfill the prerequisite, students should select the prerequisite course that meets their major requirement OR select the prerequisite course that meets their CUNY Flexible Core requirement.
- World Languages proficiency through the 200-level is recommended for students who do not have native fluency, or have not successfully completed three years of one foreign language in high school and passed the Regents Level 3 language exam. These students may take a 100-level World Language as a Flexible Core: World Cultures and Global Issues (Group A) Pathways requirement and a 200-level World Language as a major requirement. Other concentrations *may* be able to do as listed above.
- For concentrations other than General, it is recommended that you speak with your academic advisor.

Total Credits: 60

Accounting, A.S.

HEGIS: 5002.00
PROGRAM CODE: 01045
PROGRAM DIRECTOR: Prof. Michelle Davidowitz
DEPARTMENT: BUSINESS

The Accounting AS degree provides students with foundational courses in accounting, finance, economics, and business. These courses provide a fundamental background in the principles of accounting and finance, business functions - inclusive of major business formats and laws, and economics through the measure of major economic systems and their performance. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the College Catalog for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Accounting, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Accounting degree program requirements, graduates will:

1. explain the meaning of generally accepted accounting principles (GAAP)
2. prepare and interpret the following financial statement: statement of stockholder's equity
3. prepare journal entries
4. distinguish between financial, managerial and cost accounting
5. identify current federal income tax laws and regulations
6. identify the major economic systems and identify the ways to measure economic performance
7. describe the differences in the major business ownership formats, including e-business
8. explain how civil law applies to two primary aspects of private enterprise: the laws of contracts and torts
9. perform tasks using Microsoft Office (Word, Excel, PowerPoint and Access)
10. explain the function of financial markets and financial intermediaries in the economy
11. explain the concept of time value of money

12. apply financial information to managerial decision-making

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
  Suggested:
  - MAT 2200 - Business Statistics 4 Credit(s) **or**
  - BA 2200 - Business Statistics 4 Credit(s)

- *Life & Physical Sciences Course 3 Credit(s)* *

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category they are strongly suggested and/or required for the major**.** One course from each Group A to E. **and** one (1) additional course from any Group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- ECO 1200 - Macroeconomics 3 Credit(s)
- ECO 1300 - Microeconomics 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (9 to 11 Courses, 29 to 35 Credits):

- ACC 1100 - Fundamentals of Accounting I 4 Credit(s) ^
- ACC 1200 - Fundamentals of Accounting II 4 Credit(s) ^
- ACC 2100 - Intermediate Accounting I 3 Credit(s)
- ACC 2200 - Intermediate Accounting II 3 Credit(s)
- BA 1100 - Fundamentals of Business 3 Credit(s)
- BA 1200 - Business Law I 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)
- ECO 1200 - Macroeconomics 3 Credit(s)
- ECO 1300 - Microeconomics 3 Credit(s)

Pathways Flexible Core

IF ECO 1200 **OR** ECO 1300 is taken to satisfy Pathways Flexible Core, **THEN** choose one (1) of the following courses.

IF BOTH ECO 1200 and ECO 1300 are taken to satisfy Pathways Flexible Core, then choose two (2) of the following courses:

- BA 1300 - Business Law II 3 Credit(s) **or**
- BA 6100 - Spreadsheet Applications in Business 3 Credit(s) **or**
- ECO 1400 - Money and Banking 3 Credit(s) **or**
- ECO 2200 - Principles of Financial Management 3 Credit(s) **or**
- ACC 3100 - Cost Accounting 4 Credit(s) ** **or**
- ACC 6000 - Microcomputer Accounting Applications 3 Credit(s)

Electives:

1 credit sufficient to meet required total of 60 credits

Notes:

This is a 4-credit course. For Financial Aid, TAP will count 3 credits towards your degree requirements. Additional credit(s) will go towards electives, if available. Consultation with a program advisor to address financial aid and academic planning is **highly recommended.

It is **HIGHLY RECOMMENDED** that students take **both** ECO 1200 and ECO 1300 to satisfy the Pathways Flexible Core courses. However, if neither course is used within Pathways Flexible Core, both must be taken within the major and no optional courses will be required.

^Accounting I and II do not meet the Financial Accounting and Reporting content requirement for CPA licensure, which requires that these courses be taken as upper division courses.

Total Credits: 60

Addiction Studies, A.S.

HEGIS: 5506.00
PROGRAM CODE: 33508
PROGRAM DIRECTOR: Prof. Monica Joseph
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Addiction Studies AS degree is designed to prepare students for a career in substance abuse counseling. Successful completion of the entire course of study satisfies the education requirements for the Certification in Alcohol and Substance Abuse Counseling (CASAC Trainee) from the NYS Office of Addiction Services and Supports (OASAS). The degree provides opportunity for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Addiction Studies, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Chemical Dependency degree program requirements, graduates will:

1. understand fundamental concepts specific to chemical dependency that encompass historical, political, social and legal factors
2. examine the biopsychosocial nature of addiction as it pertains to the individual, families, communities, and societies
3. adopt critical thinking approaches to attitudes, values, and the ethical and legal aspects of clinical practice
4. understand risk and protective factors for individuals, families, and communities
5. apply critical assessments to evidence-based practices, available treatment modalities, and theoretical approaches
6. develop competency-based skills in intervening with chemically-involved individuals, families and special populations

7. develop a multicultural perspective through the attainment of cultural competency strategies and skills
8. demonstrate preparation for entry into professional practice through successful internship experiences

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major. One course from each Group A to D (Group E is satisfied by the course shown) **and** one (1) additional course from any group**.** No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- PSY 3600 - Abnormal Psychology 3 Credit(s)

E. Scientific World Designated Course*

- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (10 Courses, 30 Credits):

- PSY 3600 - Abnormal Psychology 3 Credit(s)
- SAC 2000 - Introduction to Alcoholism and Substance Abuse Counseling 3 Credit(s)
- SAC 2200 - Basic Techniques in Substance Abuse Counseling I 3 Credit(s)
- SAC 2400 - Basic Techniques in Substance Abuse Counseling II 3 Credit(s)
- SAC 2600 - Ethics, Confidentiality and the Counselor-Client Relationship in Substance Abuse Treatment 3 Credit(s)
- SAC 2800 - Behavioral Health Care Treatment Approaches 3 Credit(s)
- SAC 3000 - Compulsive Gambling: Treatment and Prevention for Substance Abuse Counselors 4 Credit(s)
- SAC 3200 - Addiction and the Family 2 Credit(s)
- SAC 91A0 - Substance Abuse Counseling - Field Internship I 3 Credit(s)
- SAC 91B0 - Substance Abuse Counseling - Field Internship II 3 Credit(s)

Electives:

0 to 3 credits sufficient to meet required total of 60 credits

Notes:

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Students who successfully complete the Addiction Studies AS degree program also meet the education requirements for the Certification in Alcohol and Substance Abuse Counseling (CASAC Trainee) from the New York State Office of Addiction Services and Supports (OASAS).

New York State is a member of the International Certification & Reciprocity Consortium (IC&RC) organization. The IC&RC promotes uniform professional standards with the commitment to providing high quality services for clients. The IC&RC promotes public protection by offering internationally recognized credentials through testing and credentialing of addiction professionals. Students residing outside of New York should visit the IC&RC Board Directory to see if their state is a member of IC&RC and has a reciprocity agreement for the New York State CASAC credential.

Consultation with the Program Director/Academic Advisor is **HIGHLY** recommended.

The *Addiction Studies, A.S.,* is accredited by the National Addiction Studies Accreditation Commission (NASAC), 1001 N. Fairfax, Street Suite 201, Alexandria, VA 22314 and the New York State Office of Addiction Services and Supports (NYS-OASAS), New York City Office, 501 7th Avenue, New York, NY 10018-5903 and Albany Office, 1450 Western Avenue, Albany, NY 12203-3526.

Total Credits: 60

Biology, A.S.

HEGIS: 5604.00
PROGRAM CODE: 01039
PROGRAM DIRECTOR: Dr. Kristin Polizzotto
DEPARTMENT: BIOLOGICAL SCIENCES

The Biology AS degree is designed to provide students with the foundational courses in biology, chemistry, and mathematics in preparation for transfer to baccalaureate programs. Concentrations in Allied Health Transfer or Biology Transfer provides students the opportunity for additional focus on a specific area of interest within the field. Courses promote understanding of modern biological principles, application of methods and process of life science, foster independent thinking, address biology's relevance to modern societal issues, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Biology, A.S. - Allied Health Transfer Concentration

Degree Map for Biology, A.S. - Biology Transfer Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once and academic year.

Program Learning Outcomes:

Upon successful completion of the Biology degree program requirements, graduates will:

1. identify and apply the methods and process of life science
2. demonstrate proficiency in quantitative reasoning as it relates to life science data
3. demonstrate an understanding of evolution
4. demonstrate an understanding of the relationship between structure and function
5. demonstrate an understanding of genetics
6. demonstrate an understanding of the pathways of energy and matter that maintain a particular environment in living systems
7. demonstrate an understanding of the levels of biological organization and the interactions among these levels

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s)
- *Life & Physical Sciences Course**
    - BIO 1300 - General Biology I 4 Credit(s)

Flexible Core (6 Courses, 19 Credits):

When Flexible Core Courses are specified for a category, they are required for the major**.** One course from each Group A to D (Group E is satisfied by the courses shown.). **No** more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

- BIO 1400 - General Biology II 4 Credit(s)
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s)

Major Requirements (3 Courses, 11 to 12 Credits):

- CHM 1100 - General Chemistry I 4 Credit(s)
- CHM 1200 - General Chemistry II 4 Credit(s)

AND

- CP 1100 - Introduction to Computers and Computer Applications 4 Credit(s) **or**
- BIO 6000 - Computer Applications in Bioinformatics 3 Credit(s) **or**
- CIS 6000 - Computer Applications in Bioinformatics 3 Credit(s)

Concentrations (2 Courses, 8 Credits):

Select **one (1)** of the following concentrations:

Allied Health Transfer (2 Courses, 8 Credits):

- BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)
- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)

Biology Transfer (2 Courses, 8 Credits):

Select **two (2)** of the following Biology Laboratory courses:

- BIO 2100 - Comparative Anatomy 4 Credit(s) **or**
- BIO 2200 - Developmental Biology 4 Credit(s) **or**
- BIO 5000 - General Microbiology 4 Credit(s) **or**
- BIO 5200 - Marine Biology 4 Credit(s) **or**
- BIO 5300 - Ecology 4 Credit(s) **or**
- BIO 5800 - Recombinant DNA Technology 4 Credit(s) **or**
- BIO 5900 - Genetics 4 Credit(s) **or**
- BIO 6500 - Molecular and Cellular Biology 4 Credit(s)

Electives:

8 to 9 credits sufficient to meet required total of 60 credits

Allied Health Transfer Option, Suggested Elective:

- BIO 9100 - Biostatistics 4 Credit(s) **or**
- MAT 9100 - Biostatistics 4 Credit(s)

Transfer to a Physician Assistant Program, Suggested Elective:

- BIO 5100 - Microbiology in Health and Disease 4 Credit(s)

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 6

Biotechnology, A.S.

HEGIS: 5407.00
PROGRAM CODE: 33154/33155
PROGRAM DIRECTOR: Dr. Sarwar Jahangir
DEPARTMENT: BIOLOGICAL SCIENCES

The Biotechnology AS degree provides students with foundational courses in biology, chemistry, and mathematics in preparation for transfer to baccalaureate programs or immediate entry into the field. Courses promote understanding of the central themes and principles of biotechnology, foster independent thinking, analysis of the ethical, legal, and sociological issues associated with advances in biotechnology, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the College Catalog for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Biotechnology, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Biotechnology degree program requirements, graduates will:

1. demonstrate an understanding of the central themes and principles of biotechnology
2. identify biotechnology problems and solve them using scientific thinking
3. demonstrate the ability to perform the laboratory procedures and techniques commonly used in biotechnology
4. analyze scientific data, draw conclusions, and present findings in a format commonly used in science
5. apply the principles of bioinformatics and statistics to data sets
6. identify and analyze the ethical, legal and sociological issues associated with advances in biotechnology

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s)
- *Life & Physical Sciences Course**
    - BIO 1300 - General Biology I 4 Credit(s)

Flexible Core (6 Courses, 20 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown.). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

- BIO 9100 - Biostatistics 4 Credit(s) **or**
- MAT 9100 - Biostatistics 4 Credit(s)

AND

- BIO 1400 - General Biology II 4 Credit(s)

Major Requirements (6 Courses, 23 Credits):

- CHM 1100 - General Chemistry I 4 Credit(s)
- CHM 1200 - General Chemistry II 4 Credit(s)
- BIO 6500 - Molecular and Cellular Biology 4 Credit(s)

AND

- BIO 5000 - General Microbiology 4 Credit(s) **or**
- BIO 5900 - Genetics 4 Credit(s)

AND

- BIO 5800 - Recombinant DNA Technology 4 Credit(s) **or**
- BIO 5700 - Biotechnology: Cell Culture and Cloning 4 Credit(s)

AND

- BIO 6000 - Computer Applications in Bioinformatics 3 Credit(s) **or**
- CIS 6000 - Computer Applications in Bioinformatics 3 Credit(s)

Electives:

4 credits sufficient to meet required total of 60 credits

Notes:

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Business Administration, A.S.

HEGIS: 5004.00
PROGRAM CODE: 01050
PROGRAM DIRECTOR: Prof. Jeffrey Lax
DEPARTMENT: BUSINESS

The Business Administration AS degree provides students with the foundational courses in business administration, accounting, and economics. These courses provide a fundamental background in the principles of business administration - inclusive of business functions, law, and marketing, organizational behavior and management, the basics of accounting and finance, and economics through the measure of major economic systems and their performance. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Business Administration, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Business Administration degree program requirements, graduates will:

1. explain the fundamental concepts and techniques to account for business transactions
2. prepare and interpret financial statements
3. identify the major economic systems and identify the ways to measure economic performance
4. explain how civil law applies to two primary aspects of private enterprise: the laws of contracts and torts
5. explain the interrelationship between productivity and organizational variables
6. describe the techniques of effective advertising
7. identify and apply the elements of the marketing mix and their relationship to environmental variables
8. describe the differences in the major business ownership formats, including e-business
9. perform tasks using Microsoft Office (Word, Excel, PowerPoint and Access)

10. distinguish between the roles and responsibilities between employers and employees in the workplace
11. explain the function of financial markets and financial intermediaries in the economy
12. apply the techniques of business communication including written presentations
13. explain the function of financial markets and financial intermediaries in the economy

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
  Suggested:
  - MAT 2200 - Business Statistics 4 Credit(s) ** **or**
  - BA 2200 - Business Statistics 4 Credit(s) **

- *Life & Physical Sciences Course 3 Credit(s)* **

  *Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

- PHI 6800 - Ethical Problems in Business and Society 3 Credit(s)

Recommended for students planning to transfer to Brooklyn College's BBA program.

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- ECO 1200 - Macroeconomics 3 Credit(s)
- ECO 1300 - Microeconomics 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (9 to 11 Courses, 29 to 35 Credits):

- ACC 1100 - Fundamentals of Accounting I 4 Credit(s)
- ACC 1200 - Fundamentals of Accounting II 4 Credit(s)
- BA 1100 - Fundamentals of Business 3 Credit(s)
- BA 1200 - Business Law I 3 Credit(s)
- BA 1400 - Principles of Marketing 3 Credit(s)
- BA 3100 - Organizational Behavior and Management 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)
- ECO 1200 - Macroeconomics 3 Credit(s)
- ECO 1300 - Microeconomics 3 Credit(s)

Pathways Flexible Core

IF ECO 1200 **or** ECO 1300 is taken to satisfy Pathways Flexible Core, **THEN** choose one (1) of the following courses..

IF BOTH ECO 1200 and ECO 1300 are taken to satisfy Pathways Flexible Core, then choose two (2) of the following courses:

- BA 1300 - Business Law II 3 Credit(s) **or**
- BA 6100 - Spreadsheet Applications in Business 3 Credit(s) **or**
- ECO 1400 - Money and Banking 3 Credit(s) **or**
- ECO 2200 - Principles of Financial Management 3 Credit(s)

Electives:

1 credit sufficient to meet required total of 60 credits

Notes:

** This is a 4-credit course. For Financial Aid, TAP will count 3 credits towards your degree requirements. Additional credit(s) will go towards electives, if available. Consultation with a program advisor to address financial aid and academic planning is **highly recommended**.

It is **HIGHLY RECOMMENDED** that students take **both** ECO 1200 and ECO 1300 to satisfy the Pathways Flexible Core courses. However, if neither course is used within Pathways Flexible Core, both must be taken within the major and no optional courses will be required.

Total Credits: 60

Chemistry, A.S.

HEGIS: 5619.00
PROGRAM CODE: 01043
PROGRAM DIRECTOR: Dr. John Mikalopas
DEPARTMENT: PHYSICAL SCIENCES

The Chemistry AS degree is designed to provide students with foundational courses in chemistry, physics, and mathematics in preparation for transfer to baccalaureate programs. Courses focus on understanding the principles of chemistry, application of modern laboratory techniques, methods, instrumentation, and data analysis to the solution of chemical problems, environmental constraints and safety issues, importance of ethical responsibilities, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Chemistry, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Chemistry, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Chemistry degree program requirements, graduates will:

1. employ mathematics, science, and computing techniques to support the study and solution of chemistry problems
2. understand the principles and methods of chemistry and how these are applied to the solution of chemical problems
3. demonstrate practical skills in modern laboratory techniques, methods, instrumentation, and data analysis
4. communicate clearly their understandings of chemistry and of their specific activity in the field orally and in writing

5. understand the importance of professional and ethical responsibilities of chemists
6. recognize environmental constraints and safety issues in chemistry
7. exhibit good teamwork skills and serve as effective members of teams
8. be prepared for a lifetime of continuing education

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s) **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)
- *Life & Physical Sciences Course 3 Credit(s)**
    - CHM 1100 - General Chemistry I 4 Credit(s)

Flexible Core (6 Courses, 20 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses show.). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

- CHM 1200 - General Chemistry II 4 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)

Major Requirements (7 Courses, 26 to 27 Credits):

Additional Physical Sciences Requirements (3 Courses, 14 Credits)

- CHM 3100 - Organic Chemistry I 5 Credit(s)
- CHM 3200 - Organic Chemistry II 5 Credit(s)
- PHY 1400 - Advanced General Physics II 4 Credit(s)

Additional Mathematics Requirements (2 Courses, 6 Credits)

Select **two (2)** additional courses beyond the Mathematical and Quantitative Reasoning (MQR) course from the following:

- MAT 1000 - College Trigonometry 3 Credit(s) ^
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) *(Recommended)*
- MAT 1500 - Calculus I 3 Credit(s) *(Recommended)*
- MAT 1600 - Calculus II 3 Credit(s) *(Recommended)*
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

Additional Science and Mathematics Electives (2 Courses, 6 to 7 Credits)

- Elective Credits in CHM, CS, EGR, EPS, MAT, PHY or SCI

Electives:

0 - 1 credits sufficient to meet required total of 60 credits

Notes:

^ Depending on Math placement, students may be required to select MAT 1000

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Community Health, A.S.

HEGIS: 5299.00
PROGRAM CODE: 86489
PROGRAM DIRECTOR: Dr. Kevicha Echols
DEPARTMENT: HEALTH, PHYSICAL EDUCATION AND RECREATION

The Community Health AS degree provides students with a foundation for diverse careers in health promotion, disease prevention, health care administration, and health education. Concentrations in Health Education and Promotion, Heath Services Administration, and Coordinated Health Care, provides students the opportunities for additional focus on a specific area within the field. Courses identify community level needs, utilize data and research methods in understanding health disparities, and highlight the importance of cultural competence within the field. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Community Health, A.S. - Health Education and Promotion Concentration

Degree Map for Community Health, A.S. - Health Services Administration Concentration

Degree Map for Community Health, A.S. - Coordinated Health Care Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Community Health degree program requirements, graduates will:

1. identify individual and community level needs for health promotion and disease
2. use population data and research methods to describe distributions and determinants of health disparities
3. describe how to plan, implement and administer community health interventions
4. explain how to advocate for effective community health initiatives at the local, state and federal levels

5. incorporate cultural competence within health promotion and disease prevention initiatives
6. analyze the psychosocial, economic, political, and professional factors that impact health services

Health Education and Promotion Concentration Learning Outcomes:

Upon successful completion of the Community Health degree program requirements, graduates will:

1. categorize health issues as primary, secondary, and tertiary levels of prevention
2. assess health risks and needs at the community level
3. explain the impact of health disparities in communities
4. describe health education activities in various communities

Health Services Administration Concentration Learning Outcomes:

Upon successful completion of the Community Health degree program requirements, graduates will:

1. describe management, marketing, human resources, and finance in business
2. explain the impact of organizational behavior on individuals, the economy and society, and the role of organizations
3. describe fundamental institutions, functions, and goals of the basic sectors in American capitalism.
4. explain the economic behaviors of personal households, business firms, and governments

Coordinated Health Care Concentration Learning Outcomes:

Upon successful completion of the Community Health degree program requirements, graduates will:

1. demonstrate fundamental knowledge in health care coordination, patient engagement, disease management, and community and public health.
2. employ critical thinking when providing care coordination services

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any grou. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (5 Courses, 15 Credits):

- HPE 1200 - Concepts of Wellness 3 Credit(s)
- COH 1100 - Introduction to Community Health Services 3 Credit(s)
- COH 1200 - Critical Issues in Community Health 3 Credit(s)
- COH 1300 - Epidemiology 3 Credit(s)
- COH 2000 - Community Health Interventions 3 Credit(s)

Concentrations (4 Courses, 12 Credits):

Select **one (1)** of the following concentrations:

Health Education and Promotion (4 Courses, 12 Credits):

- COH 91E1 - Field Experience in Community Health 3 Credit(s)

AND

Select three (3) from the following courses:

- HE 3800 - Women's Health Issues 3 Credit(s)
- HE 4200 - Health and Nutrition 3 Credit(s)
- HE 5400 - Men's Health Issues 3 Credit(s)
- HS 4000 - Drugs: The Individual and Society 3 Credit(s)
- HS 4100 - Global Health Issues 3 Credit(s)
- HS 5200 - Human Sexuality 3 Credit(s)

Health Services Administration (4 Courses, 12 Credits):

- COH 91E1 - Field Experience in Community Health 3 Credit(s)
- BA 1100 - Fundamentals of Business 3 Credit(s)
- BA 3100 - Organizational Behavior and Management 3 Credit(s)

AND

- ECO 1200 - Macroeconomics 3 Credit(s) **or**
- ECO 1300 - Microeconomics 3 Credit(s)

Coordinated Health Care (4 Courses, 12 Credits)

- COH 1500 - Healthcare in the United States 3 Credit(s)
- COH 1600 - Patient Engagement Techniques in Community Health 3 Credit(s)
- COH 1700 - Healthcare Coordination 3 Credit(s)
- HE 2200 - Basic Life Support for the Healthcare Provider and First Aid 3 Credit(s)

Electives:

3 to 9 credits sufficient to meet required total of 60 credits

The following courses are HIGHLY Recommended if additional Elective credits are available:

- HE 2200 - Basic Life Support for the Healthcare Provider and First Aid 3 Credit(s)
- HS 4100 - Global Health Issues 3 Credit(s)
- SPE 1800 - Health Communication 3 Credit(s)
- COH 91E1 - Field Experience in Community Health 3 Credit(s) *(For Coordinated Health Care students ONLY)*

Notes:

An Internal Transfer Credit Articulation Agreement between the Office of Academic Affairs and Division of Workforce Development, Strategic Partnerships and Office of Continuing Education (WD/OCE) is in place for students who completed the *Community Health Worker Training Program for HealthPath* through WD/OCE and are matriculated in the A.S. Community Health.

Total Credits: 60

Computer Science, A.S.

HEGIS: 5103.00
PROGRAM CODE: 01040
PROGRAM DIRECTOR: Dr. Rina Yarmish
DEPARTMENT: MATHEMATICS AND COMPUTER SCIENCE

The Computer Science AS degree is designed to provide students with a solid foundation in the fundamentals of computer systems, computer programming, and computer science. Courses focus on reading and writing computer code, ability to assess, correct, and improve existing code, comprehension of computing system structures inclusive of the interaction of hardware and software, application of mathematical knowledge to problems in computer science, and engagement in teamwork to craft coding solutions. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map Based on Initial Math Placement:

Degree Map for Computer Science, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Computer Science, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once and academic year.

Program Learning Outcomes:

Upon successful completion of the Computer Science degree program requirements, graduates will:

1. analyze, design, implement, and understand computer based solutions and apply them to real world applications
2. demonstrate proficiency in programming concepts and techniques by creating logically sound and efficient algorithms
3. demonstrate ability to analyze and troubleshoot computer problems and identify appropriate solutions
4. comprehend the structure of a computing system, design of its basic components, and interaction of hardware and software

5. demonstrate the ability to transfer a graphical representation of a logical process to a written representation
6. ability to apply mathematical knowledge in the areas of calculus and discrete mathematics to problems in computer science

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) ^ **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) ^ **or**
    - MAT 900 - College Algebra 3 Credit(s) ^ **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or** ^
    - MAT 1500 - Calculus I 3 Credit(s)

- *Life & Physical Sciences Course 3 Credit(s)*

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- *Recommended:* CIS 100 - Digital Society 3 Credit(s)

E. Scientific World Designated Course*

- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) ^ **or**
- MAT 1500 - Calculus I 3 Credit(s) **or**
- MAT 1600 - Calculus II 3 Credit(s)

AND

- CS 1200 - Introduction to Computing 3 Credit(s)

Major Requirements (7 to 9 Courses, 24 to 30 Credits):

- CS 13A0 - Advanced Programming Techniques 4 Credit(s)
- CS 1400 - Computer Organization and Assembly Language Programming 4 Credit(s)
- CS 3500 - Discrete Structures 3 Credit(s)
- CS 3700 - Data Structures 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

AND

- MAT 9100 - Biostatistics 4 Credit(s) **or**
- BIO 9100 - Biostatistics 4 Credit(s)

OR

- MAT 2200 - Business Statistics 4 Credit(s) **or**
- BA 2200 - Business Statistics 4 Credit(s)

If not taken for Required Core or Flexible Core

- MAT 1500 - Calculus I 3 Credit(s)
- MAT 1600 - Calculus II 3 Credit(s)

*Select ONLY ONE (1) of the two options below based on initial Math Placement***

Option 1: (1 Course, 3 Credits)

If student's initial Mathematics Placement is **below** MAT 1500

- MAT 1000 - College Trigonometry 3 Credit(s)

Option 2: (1 Course, 3 Credits)

If student's initial Math Placement is MAT 1500

- MAT 2100 - Calculus III 3 Credit(s)

Electives:

0 - 6 credits sufficient to meet required total of 60 credits

Notes:

^ Depending on Math placement, students may be required to compete MAT 9010 **or** MAT 9B0 **or** MAT 900 **and/or** MAT 1000 **and** MAT 1400

** Consultation with the Mathematics Department is **HIGHLY** recommended to ensure that the student selects the correct option.

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Earth and Planetary Sciences, A.S.

HEGIS: 5499.00
PROGRAM CODE: 34242
PROGRAM DIRECTOR: Dr. John Mikalopas
DEPARTMENT: PHYSICAL SCIENCES

The Earth and Planetary Sciences AS degree is designed to provide students with foundational courses in earth science, physics, and mathematics in preparation for transfer to baccalaureate programs. Courses focus on understanding the earth's subsystems, their evolution and interaction on different temporal and spatial scales, relevance of the earth system to the individual and society, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Earth and Planetary Sciences, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Earth and Planetary Sciences, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Earth and Planetary Sciences degree program requirements, graduates will:

1. demonstrate an understanding of the earth's subsystems
2. be able to describe the interaction and evolution of these subsystems on different temporal and spatial scales
3. demonstrate an understanding of the nature of human interactions with the earth subsystems
4. demonstrate a recognition of the relevance of the earth system to the individual and to society
5. recognize, describe, and analyze the types of natural hazards and natural resources
6. demonstrate an understanding of the nature of scientific knowledge and its historical development

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s) **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)
- *Life & Physical Sciences Course**
    - CHM 1100 - General Chemistry I 4 Credit(s)

Flexible Core (6 Courses, 20 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

- EPS 3100 - Meteorology 4 Credit(s)
- EPS 3800 - Introduction to Earth Science 4 Credit(s)

Major Requirements (7 Courses, 26 Credits):

Additional Physical Sciences Requirements (5 Courses, 20 Credits)

- EPS 3200 - Oceanography 4 Credit(s)
- EPS 3300 - Physical Geology 4 Credit(s)
- EPS 3500 - Introduction to Astronomy 4 Credit(s)
- EPS 3600 - Planetology: A Trip Through the Solar System 4 Credit(s)
- PHY 1100 - General Physics I 4 Credit(s)

Additional Mathematics Requirements (2 Courses, 6 Credits)

Select **two (2)** additional courses beyond the Mathematical and Quantitative Reasoning (MQR) course from the following:

- MAT 1000 - College Trigonometry 3 Credit(s) ^
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) *(Recommended)*
- MAT 1500 - Calculus I 3 Credit(s) *(Recommended)*
- MAT 1600 - Calculus II 3 Credit(s) *(Recommended)*
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

Electives:

1 credit sufficient to meet required total of 60 credits

Notes:

^ Depending on Math placement, students may be required to select MAT 1000

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Education Studies, A.S.

HEGIS: 5503.00
PROGRAM CODE: 26738
PROGRAM DIRECTOR: Dr. Denise Farrelly
DEPARTMENT: BEHAVIORAL SCIENCES

The Education Studies AS degree is a jointly registered dual enrollment degree program with Brooklyn College and prepares students for transfer to their baccalaureate program. Concentrations in Birth - 2nd Grade, 1st - 6th Grade, and Pre-K - 12th Grade Special Education allow students to focus on a specific area of interest. The degree prepares students for careers in a variety of roles in early childhood and elementary school settings. Students learn about pedagogic theory and practice, the impact of diverse social, economic, political and cultural issues on families and schooling, and are provided with opportunities to further develop their skills through field work in elementary schools and childcare centers.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Education Studies, A.S. - Birth - 2nd Grade Concentration

Degree Map for Education Studies, A.S. - 1st - 6th Grade Concentration

Degree Map for Education Studies, A.S. - PreK - 12th Grade Special Education Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Education Studies degree program requirements, graduates will:

1. analyze and compare various theories of teaching, learning, and cognitive development.
2. analyze the social economic, political, and cultural issues that impact families and schooling.

3. utilize ongoing reflective practices and access evidence-based information when speaking, listening, reading, and writing about the field of education.
4. identify developmentally-appropriate learning standards and objectives in designing curriculum, instruction, and assessment.
5. utilize developmentally appropriate, student-centered methods and materials.
6. incorporate elements of critical teaching with an appreciation for diversity and inclusion.
7. formulate a philosophy of education linking beliefs, theory, and practice.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

To meet Brooklyn College's Language Other Than English (LOTE) requirement, students should enroll in a full year of the same World Language.

- *Recommended: World Language I*
- *Recommended: World Language II*

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

- *Recommended:* SPE 2100 - Effective Public Speaking 3 Credit(s)

D. Individual and Society Designated Course

E. Scientific World Designated Course

- *Recommended:* PSY 1100 - General Psychology 3 Credit(s)

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (4 Courses, 12 Credits):

- EDC 200 - Social Foundations of Education 3 Credit(s)
- EDC 2200 - Art Workshop in Education 3 Credit(s)
- EDC 2400 - Teaching Emergent Bilinguals 3 Credit(s)
- EDC 2500 - Psychological Foundations of Education 3 Credit(s)

Concentrations

Select **one (1)** of the following concentrations:

Birth – 2nd Grade (6 Courses, 17 Credits):

- EDC 2100 - Social Science in Education 3 Credit(s)
- EDC 2800 - Techniques in Math, Science and Technology Teaching for Early Childhood Education 2 Credit(s)
- EDC 3200 - Infant/Toddler Development 3 Credit(s)
- EDC 4000 - Educational Practice for Early Language and Literacy Development 3 Credit(s)
- EDC 9200 - Seminar and Practicum in Early Childhood Special Education 3 Credit(s)
- SPE 1600 - Survey of Speech, Language and Hearing Disorders 3 Credit(s)

1st – 6th Grade (5 Courses, 15 Credits):

- EDC 2900 - Elementary Science, Technology and Mathematics Education 3 Credit(s)
- EDC 3100 - Social Science in Childhood Education 3 Credit(s)
- EDC 4200 - Children's Literature and Language Arts in Childhood Education 3 Credit(s)
- EDC 5000 - Foundations of Disability and Inclusive Education 3 Credit(s)
- EDC 90A4 - Seminar and Practicum in Teacher Development 3 Credit(s)

PreK - 12th Grade Special Education (6 Courses, 18 Credits)

- EDC 3100 - Social Science in Childhood Education 3 Credit(s)
- EDC 4200 - Children's Literature and Language Arts in Childhood Education 3 Credit(s)
- EDC 5000 - Foundations of Disability and Inclusive Education 3 Credit(s)
- EDC 5100 - Pedagogical Approaches for Students with Disabilities 3 Credit(s)
- EDC 5200 - Partnering with Families, Professionals, and Community 3 Credit(s)
- EDC 90A4 - Seminar and Practicum in Teacher Development 3 Credit(s)

Electives:

0 to 3 credits sufficient to meet required total of 60 credits

If additional Elective credits are available, it is HIGHLY Recommended that students select from the following Specified Program Electives:

- EDC 2300 - Music and Movement Workshop in Education 2 Credit(s)
- EDC 3000 - Seminar and Practicum in Early Childhood Education Curriculum 3 Credit(s)
- EDC 6001 - Social Emotional Learning Through Puppetry and Play 1 Credit(s)
- EDC 6002 - Creating Classroom Culture Through Successful Management 1 Credit(s)

Notes:

- This program is jointly registered with Brooklyn College's B.A. in Early Childhood and Art Education (ECAE) and Childhood, Bilingual and Special Education (CBSE). Students must meet jointly registered program requirements. Electives should be chosen based on transferability to Brooklyn College and in consultation with a program advisor. Students must enroll in a practicum appropriate to the grade level they wish to teach.
- Consultation with the Department Advisor is required.
- Brooklyn College Education Departments requires Kingsborough graduates to demonstrate a minimum grade point average of 2.80 for acceptance into their departments.
- Brooklyn College ECAE & CBSE Department require Kingsborough graduates to demonstrate a minimum grade of "C" in English 1200 and 2400 and a Math course.
- Brooklyn College CBSE accepts EPS courses to fulfill the Life and Physical Sciences requirement

Total Credits: 60

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Engineering Science, A.S.

HEGIS: 5609.00
PROGRAM CODE: 87212
PROGRAM DIRECTOR: Dr. John Mikalopas
DEPARTMENT: PHYSICAL SCIENCES

The Engineering Science AS is designed to provide students the foundation in engineering and related physical sciences and mathematics courses in preparation for transfer to baccalaureate programs. Courses focus on understanding the principles and methods of engineering, application of mathematics, science, and computing techniques to the study of and solution to engineering problems, the importance of professional and ethical responsibilities of engineers, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Engineering Science, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Engineering Science, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Engineering Science degree program requirements, graduates will:

1. employ mathematics, science, and computing techniques to support the study and solution of engineering problems
2. understand the principles and methods of engineering
3. demonstrate practical skills in modern laboratory techniques, methods, instrumentation, and data analysis
4. communicate clearly their understandings of engineering and of their specific activity in the field orally and in writing
5. understand the importance of professional and ethical responsibilities of engineers
6. recognize environmental constraints and safety issues in engineering

7. exhibit good teamwork skills and serve as effective members of teams
8. be prepared for a lifetime of continuing education

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course* *
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s) **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)
- *Life & Physical Sciences Course* *
    - CHM 1100 - General Chemistry I 4 Credit(s)

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Courses*

- CHM 1200 - General Chemistry II 4 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)

Major Requirements (9 to 12 Courses, 28 to 37 Credits):

Additional Physical Sciences Requirements (4 Courses, 13 Credits)

- PHY 1400 - Advanced General Physics II 4 Credit(s)
- EGR 2100 - Engineering Design 3 Credit(s)
- EGR 2200 - Introduction to Electrical Engineering 3 Credit(s)
- EGR 2300 - Introduction to Engineering Thermodynamics 3 Credit(s)

Additional Mathematics Requirements (5 to 8 Courses, 15 to 24 Credits)

Select **five (5)** to **eight (8)** additional courses beyond the Mathematical and Quantitative Reasoning (MQR) course from the following:

- CS 1200 - Introduction to Computing 3 Credit(s)
- MAT 1000 - College Trigonometry 3 Credit(s) ^
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) *(Recommended)*
- MAT 1500 - Calculus I 3 Credit(s) *(Recommended)*
- MAT 1600 - Calculus II 3 Credit(s) *(Recommended)*
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 61 to 70 credits

Notes:

^ Depending on Math placement, students may be required to select MAT 1000

*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 61 to 70

Exercise Science, A.S.

HEGIS: 5299.30
PROGRAM CODE: 22486
PROGRAM DIRECTOR: Prof. Christine Fey
DEPARTMENT: HEALTH, PHYSICAL EDUCATION AND RECREATION

The Exercise Science AS degree is designed to provide students with the foundational courses for transfer to baccalaureate programs in pursuit of active, wellness-oriented careers. Courses provide the required knowledge and applicable skills for fitness assessment, exercise program design, strength and flexibility training, weight management, health and nutrition, anatomy and physiology, professional responsibilities and ethics, and educational, licensing, and certification requirements.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Exercise Science, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Exercise Science/Personal Training degree program requirements, graduates will:

1. demonstrate effective written and verbal communication skills
2. articulate knowledge of the structure and function of the human body at rest and during exercise
3. demonstrate core principles in Exercise Science including fitness assessment and program design, strength and flexibility, and concepts of life-long wellness
4. perform fitness assessment protocols for measuring body composition, muscular strength and endurance, range of motion, and cardiorespiratory fitness
5. design safe and effective person exercise plan that meets individualized goals
6. demonstrate appreciation for various forms of physical activity through exposure to a wide variety of physical fitness activities

7. explain basic concepts of nutrition and energy balance to improve or maintain healthy body composition across the lifespan
8. identify scholarly research articles and professional sources of information pertinent to the field of Exercise Science
9. describe professional responsibilities of various career paths available in Exercise Science
10. explain the role and mission that professional organizations play in advancing and promoting Exercise Science
11. describe educational, licensing, and certification requirements for various career paths in Exercise Science
12. identify appropriate baccalaureate programs that suit their particular area of interest within Exercise Science or related field

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s)

- *Life & Physical Sciences Course**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)

Flexible Core (6 Courses, 19 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the course shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (8 Courses, 28 Credits):

- EXS 500 - Introduction to Exercise Science 3 Credit(s)
- EXS 1300 - Fitness Assessment and Program Design 3 Credit(s)
- EXS 1500 - Lifetime Strength and Flexibility Training 3 Credit(s)
- EXS 2000 - Exercise, Energy Balance, and Weight Management 3 Credit(s)
- HE 3500 - First Aid and Personal Safety 2 Credit(s)
- HE 4200 - Health and Nutrition 3 Credit(s)
- HPE 1200 - Concepts of Wellness 3 Credit(s)
- BA 6000 - Introduction to Computer Concepts 3 Credit(s)

Select five (5) courses from among the following three (3) groups, with no more than two (2) courses from any group:

Group I:

- PEC 200 - Walk, Jog, Run 1 Credit(s)
- PEC 1900 - Aerobic Dance 1 Credit(s)
- PEC 7100 - High Intensity Fitness Training 1 Credit(s)

Group II:

- PEC 3000 - Swimming for Non-Swimmers and Beginners 1 Credit(s)
- PEC 3300 - Advanced Swimming 1 Credit(s)
- PEC 6500 - Aqua Exercise 1 Credit(s)

Group III:

- PEC 800 - Body Weight Resistance Training 1 Credit(s)
- PEC 2500 - Tai Chi Ch'Uan 1 Credit(s)
- PEC 2900 - Introduction to Hatha Yoga 1 Credit(s)
- PEC 5600 - Pilates System of Exercise 1 Credit(s)
- PEC 2700 - Beginning Karate and Self Defense 1 Credit(s)
- PEW 2100 - Personal Self Defense for Women 1 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits.

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Fine Arts, A.S.

HEGIS: 5610.00
PROGRAM CODE: 76002
PROGRAM DIRECTOR: Dr. Sarah Dillon
DEPARTMENT: ART

The Fine Arts AS degree is designed to provide students with a comprehensive program of study in the visual arts in preparation for transfer to baccalaureate programs or entry into a range of visual art professions. Concentrations in Art History, Ceramics, Drawing and Painting, Photography, and Sculpture provides students the opportunities for focus on a specific area of interest while developing a solid foundation in all aspects of visual thinking through foundational courses and courses in liberal arts and sciences.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Fine Arts, A.S. - Art History Concentration

Degree Map for Fine Arts, A.S. - Ceramics Concentration

Degree Map for Fine Arts, A.S. - Drawing and Painting Concentration

Degree Map for Fine Arts, A.S. - Photography Concentration

Degree Map for Fine Arts, A.S. - Sculpture Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Fine Arts degree program requirements, graduates will:

1. apply the visual and writing skills needed to identify the main concepts governing a work of art to compare, critically analyze and discuss them in terms of their stylistic, social and historical contexts (visual literacy and critical analysis)
2. develop and apply the skills needed to use and control the basic materials employed in each studio art concentration, and/or the database research tools and writing skills employed in the study of art history. Students will also demonstrate safe studio practices in the proper use of tools and equipment, and/or proper research practices in terms of gathering, employing and citing primary and secondary sources (technical skills and professional practices)
3. be able to discuss works of art verbally, using acquired art-specific vocabulary during classroom discussions and, where possible, in-class presentations (oral communication)
4. conceive and execute well-informed, creative and innovative solutions to visual problems while working within assignment boundaries (concepts)
5. develop the ability to distinguish and analyze a resolved, well-executed work of art through an understanding of how form, color, and composition generate content (aesthetics)
6. produce a presentation portfolio or a written body of work that demonstrates department expectations within each concentration (portfolio)

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

- ART 3300 - Survey of Art History: From Ancient to Renaissance Art 3 Credit(s)
- ART 3400 - Survey of Art History: From Renaissance to 19th Century Art 3 Credit(s)

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (4 Courses, 12 Credits):

- ART 3300 - Survey of Art History: From Ancient to Renaissance Art 3 Credit(s)
- ART 3400 - Survey of Art History: From Renaissance to 19th Century Art 3 Credit(s)
- ART 5500 - Design Foundations 3 Credit(s)
- ART 5700 - Drawing I 3 Credit(s)

Concentrations (5 Courses, 15, 16, or 17 Credits):

Select **one (1)** of the following concentrations:

Art History (5 courses, 15 Credits):

- ART 3500 - Nineteenth-Century Art 3 Credit(s)
- ART 3600 - Twentieth-Century Art 3 Credit(s)
- ART 3700 - Survey of Non-Western Art 3 Credit(s)
- ART 3800 - Renaissance Art 3 Credit(s)
- Recommended Elective 3 Credit(s)

Ceramics (5 Courses, 15 to 16 Credits):

- ART 6300 - Ceramics I 3 Credit(s)
- ART 6400 - Ceramics II 3 Credit(s)
- ART 8072 - Ceramic Sculpture 3 Credit(s)
- Recommended Elective 6 to 7 Credit(s)

Drawing and Painting (5 Courses, 16 to 17 Credits):

- ART 5800 - Drawing II 3 Credit(s)
- ART 5900 - Painting I 3 Credit(s)
- ART 6000 - Painting II 4 Credit(s)
- Recommended Elective 6 to 7 Credit(s)

Photography (5 Courses, 15 Credits):

- ART 5100 - Darkroom Photography I 3 Credit(s)
- ART 5200 - Darkroom Photography II 3 Credit(s)
- ART 9400 - Digital Photography I 3 Credit(s)
- Recommended Electives 6 Credit(s)

Sculpture (5 Courses, 16 to 17 Credits):

- ART 6100 - Sculpture I 3 Credit(s)
- ART 6200 - Sculpture II 4 Credit(s)
- ART 5600 - 3-Dimensional Design 3 Credit(s)
- Recommended Elective 6 to 7 Credit(s)

Electives:

1 to 9 credits sufficient to meet required total of 60 credits

Total Credits: 60

Graphic Design and Illustration, A.S.

HEGIS: 5012.00
PROGRAM CODE: 21309
PROGRAM DIRECTOR: Prof. Kristin Derimanova
DEPARTMENT: ART

The Graphic Design and Illustration AS degree is designed to provide students with a comprehensive program of study in the visual arts in preparation for transfer to baccalaureate programs or entry into a range of visual art professions. Concentrations in Animation and Graphic Design and Illustration, provide students the opportunity to focus on a specific area of interest while developing a solid foundation in aspects of visual thinking, new technologies, and software applications through foundational courses and courses in liberal arts and sciences.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Graphic Design and Illustration, A.S. - Animation Concentration

Degree Map for Graphic Design and Illustration, A.S. - Graphic Design and Illustration Concentration

Degree Map for Graphic Design and Illustration, A.S. - UX Design Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Graphic Design and Illustration degree program requirements, graduates will:

1. identify the array of career paths available to this and related industries **(Overview)**
2. be able to conceive a visual solution to a communications problem **(Concept)**
3. discern between a resolved, well-designed, illustrated, etc., piece from a poorly designed one **(Aesthetics)**

4. be able to employ a skill set to transition from an idea into print or digital media **(Execution)**
5. create effective visual communications that are responsive to the needs of clients and their target audiences **(Commercial Applications)**
6. create and maintain a professionally presented body of work **(Portfolio)**
7. be able to critique work using an informed visual vocabulary **(Presentation)**

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

- *Suggested:* ART 3300 - Survey of Art History: From Ancient to Renaissance Art 3 Credit(s) **or**
- *Suggested:* ART 3400 - Survey of Art History: From Renaissance to 19th Century Art 3 Credit(s)

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

- *Suggested:* ART 3500 - Nineteenth-Century Art 3 Credit(s) **or**
- *Suggested:* ART 3600 - Twentieth-Century Art 3 Credit(s)

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (6 Courses, 18 Credits):

- ART 5500 - Design Foundations 3 Credit(s)
- ART 6800 - Illustration 3 Credit(s)
- ART 7400 - Typography 3 Credit(s)
- ART 4300 - Digital Illustration 3 Credit(s)
- ART 4600 - Photoshop as a Design Tool 3 Credit(s)
- ART 7500 - Graphic Design and Advertising 3 Credit(s)

Concentrations (4 Courses, 12 Credits):

Select **one (1)** of the following concentrations:

Animation (4 Courses, 12 Credits):

- ART 5700 - Drawing I 3 Credit(s)
- ART 9600 - The Art of Animation 3 Credit(s)
- ART 4800 - The Art of 3-Dimensional Animation 3 Credit(s)
- ART 4900 - The Art of Storyboarding 3 Credit(s)

Graphic Design and Illustration (4 Courses, 12 Credits):

- ART 5700 - Drawing I 3 Credit(s)
- ART 6900 - Illustration Style 3 Credit(s)
- ART 7300 - Digital Publication Design 3 Credit(s)
- Art Elective 3 Credit(s)

UX Design (User Experience Design) (4 Courses, 12 Credits):

- ART 7300 - Digital Publication Design 3 Credit(s)
- ART 2500 - Human Centered Design 3 Credit(s)
- ART 2600 - UX Visual Design 3 Credit(s)
- ART 2700 - Coding for Designers 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

An Internal Transfer Credit Articulation Agreement between the Office of Academic Affairs and Division of Workforce Development, Strategic Partnerships and Office of Continuing Education (WD/OCE) is in place for students who completed *UX Design* through WD/OCE and are matriculated in the A.S. Graphic Design and Illustration, UX Design Concentration.

Total Credits: 60

Health Sciences, A.S.

HEGIS: 5299.00
PROGRAM CODE: 42393
PROGRAM DIRECTOR: Dr. Jose Nanin
DEPARTMENT: HEALTH, PHYSICAL EDUCATION AND RECREATION

The Health Sciences AS degree is designed as a generalized health degree with primarily introductory courses for students who want to explore different academic aspects of health as well as careers in health-related fields. The degree provides opportunities for students who have not determined an area of specialization in the health field, for students to gain an entry-level position in health care or the health field upon degree completion, and for incumbent health field workers seeking to advance their career. Courses focus on fundamental knowledge in health care services and health communication, critical thinking skills related to basic health concepts and application of health care practices, and identification of personal values and ethical standards of practice within the field. In addition, the degree provides opportunities to attain microcredentials in Basic Life Support and First Aid, upon completion of relevant certifying exam(s). The degree provides opportunity for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Health Sciences, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes

Upon successful completion of the Health Sciences degree program requirements, graduates will:

1. demonstrate fundamental knowledge in health care services related to individual health behaviors, health communication, psychology, and/or sociology;
2. explain how health is affected by substance use, unhealthy sexual behavior, and improper nutrition, and lack of physical activity;

3. practice basic communication skills related to helping individuals enhance their sexual health, reduce substance use, manage better nutrition, adhere to medical advice, engage in health coaching, and navigate health care systems;
4. identify their personal values and the ethical standards of practice related to health care services;
5. demonstrate technological and communication skills in health care services (reading, writing, and/or speaking);
6. explain basic concepts related to human anatomy, women's health, and American health care system;
7. employ critical thinking skills when explaining basic health concepts and demonstrating the application of health care practices; and,
8. apply basic life support and first aid skills to ensure patient and client safety.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits)

When Required Core Courses are specified for a category they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning 3 Credits(s)**
- *Life & Physical Sciences Course 3 Credit(s)**
    - BIO 1800 - The Biology of the Human Body 3 Credit(s)

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (10 Courses, 30 Credits):

- COH 1500 - Healthcare in the United States 3 Credit(s)
- COH 1600 - Patient Engagement Techniques in Community Health 3 Credit(s)
- HPE 1200 - Concepts of Wellness 3 Credit(s)
- HE 2200 - Basic Life Support for the Healthcare Provider and First Aid 3 Credit(s)
- HE 3800 - Women's Health Issues 3 Credit(s)
- HE 4200 - Health and Nutrition 3 Credit(s)
- HS 4000 - Drugs: The Individual and Society 3 Credit(s) +
- HS 5200 - Human Sexuality 3 Credit(s) +
- BIO 1800 - The Biology of the Human Body 3 Credit(s) ^ +

AND

- PSY 1100 - General Psychology 3 Credit(s) + **or**
- SPE 1800 - Health Communication 3 Credit(s) + **or**
- SOC 3100 - Introduction to Sociology 3 Credit(s) +

Electives:

0 to 12 credits sufficient to meet required total of 60 credits

The following courses are HIGHLY Recommended if not taken to fulfill Pathways Flexible Core:

- HS 4100 - Global Health Issues 3 Credit(s) (Group A)
- PHI 7600 - Ethics and Morality in the Health Professions 3 Credit(s) (Group D)

Notes:

^BIO 1100 can be substituted for BIO 1800 if the former course has **already been completed.**

[+]These courses also satisfy Pathways Required Core or Flexible Core requirements. Selecting courses that fulfill **BOTH** *Pathways Required Core, Flexible Core,* and *Major Requirements* will provide students with *more* Elective credits. It is recommended that students speak with a program advisor to select Electives that will best serve them at their intended four-year transfer college or best prepare them for entry-level positions within the field.

An Internal Transfer Credit Articulation Agreement between the Office of Academic Affairs and Division of Workforce Development, Strategic Partnerships and Office of Continuing Education (WD/OCE) is in place for students who completed the Health Coach program through WD/OCE and are matriculated in the A.S. Health Sciences.

Total Credits: 60

Journalism, A.S.

HEGIS: 5008.00
PROGRAM CODE: 81225
PROGRAM DIRECTOR: Prof. Patrick Hickey Jr.
DEPARTMENT: COMMUNICATIONS AND PERFORMING ARTS

The Journalism and Print Media AS degree is designed to provide students with the foundational courses that emphasize news gathering skills, narrative techniques, critical thinking, close examination of texts and effective writing, operation of publishing tools and software, and a working knowledge of the role and responsibilities of ethical journalism in a multicultural society. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Journalism, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Journalism and Print Media degree program requirements, graduates will:

1. Gather, evaluate, and ethically present information and news across various formats and genres, including digital and print, demonstrating adherence to legal, moral, and ethical standards.
2. Curate, produce, and critically assess photo, audio, and video content to create original multimedia works and effectively analyze content produced by others for publication.
3. Investigate and report on local community issues through traditional journalistic methods, critically analyzing diverse perspectives and evaluating their cultural impact.
4. Apply fundamental concepts and methods from disciplines exploring creative expression—such as arts, communications, creative writing, media arts, music, and theater—to produce original works and assess their impact and relevance.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (11 Courses, 30 Credits):

- JRL 3100 - News Literacy 3 Credit(s)
- JRL 3200 - News Writing 3 Credit(s)
- JRL 4400 - Feature and Magazine Writing 3 Credit(s)
- JRL 4500 - Multimedia Journalism 3 Credit(s)
- JRL 4600 - Legal Ethics in Journalism 3 Credit(s)
- JRL 4700 - Entrepreneurial Journalism 3 Credit(s)
- JRL 9249 - Journalism Internship 3 Credit(s)
- JRL 7000 - Scepter Practicum (1 Credit, Must be repeated three times for a total of 3 credits)
- MCM 3000 - Mass Media 3 Credit(s)

AND

Select one (1) from the following :

- • ART 9400 - Art of Digital Photography 3 Credit(s)
- • ART 5300 - Photojournalism I 3 Credit(s)
- • ART 5500 - Design Foundations 3 Credit(s)
- • MCB 4900 - Media Production and Editing 3 Credit(s)
- • MCB 5000 - Writing for Electronic Media 3 Credit(s)
- • JRL 81XX - Independent Study 1-3 Credit(s)

Electives:
0 credits sufficient to meet required total of 60 credits

Total Credits: 60

Mathematics, A.S.

HEGIS: 5617.00
PROGRAM CODE: 01041
PROGRAM DIRECTOR: Dr. Rina Yarmish
DEPARTMENT: MATHEMATICS AND COMPUTER SCIENCE

The Mathematics AS degree is designed to provide students with a solid foundation in the fundamentals of mathematics in preparation for transfer to baccalaureate programs. Courses provide extensive background in assessing formal logical statements for validity, providing proofs by direct and indirect methods, use of differentiation and integration in problem solving, testing of infinite series for convergence or divergence, and support communication of mathematical ideas in writing.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map Based on Initial Math Placement:

Degree Map for Mathematics, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Mathematics, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Mathematics degree program requirements, graduates will:

1. Solve problems with derivatives and integrals
2. Solve problems with sequences and series
3. Solve problems with vectors and matrices
4. Answer questions with descriptive and inferential statistics
5. Read, write, and analyze basic computational algorithms
6. Read and write mathematical proofs

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) ^ **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) ^ **or**
    - MAT 900 - College Algebra 3 Credit(s) ^ **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)

- *Life & Physical Sciences Course 3 Credit(s)*

Flexible Core (6 Courses, 18 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses show). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- *Recommended:* CIS 100 - Digital Society 3 Credit(s)

E. Scientific World Designated Courses*

- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) ^ **or**
- MAT 1500 - Calculus I 3 Credit(s) **or**
- MAT 1600 - Calculus II 3 Credit(s)

AND

- CS 1200 - Introduction to Computing 3 Credit(s)

Major Requirements (7 to 9 Courses, 24 to 29 Credits):

- CS 3500 - Discrete Structures 3 Credit(s)
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

AND

- MAT 2200 - Business Statistics 3 Credit(s) **or**
- BA 2200 - Business Statistics 3 Credit(s)

OR

- MAT 9100 - Biostatistics 4 Credit(s) **or**
- BIO 9100 - Biostatistics 4 Credit(s)

If not taken for Required Core or Flexible Core

- MAT 1500 - Calculus I 3 Credit(s)
- MAT 1600 - Calculus II 3 Credit(s)

Select ONLY ONE (1) of the two options below based on initial Math Placement**

Option 1: (2 Courses, 7 Credits)

If student's initial Mathematics Placement is **below** MAT 1500:

- MAT 1000 - College Trigonometry 3 Credit(s)

AND

Select **one (1)** course from the following:

- CS 13A0 - Advanced Programming Techniques 4 Credit(s)
- MAT 1100 - Finite Mathematics 4 Credit(s)
- MAT 3200 - Introduction to Set Theory 4 Credit(s)
- MAT 7100 - Applications of Linear Algebra and Vector Analysis 4 Credit(s)

Option 2: (2 Courses, 8 Credits)

If student's initial Mathematics Placement is MAT 1500:

Select **two (2)** from the following:

- CS 13A0 - Advanced Programming Techniques 4 Credit(s)
- MAT 1100 - Finite Mathematics 4 Credit(s)
- MAT 3200 - Introduction to Set Theory 4 Credit(s)
- MAT 7100 - Applications of Linear Algebra and Vector Analysis 4 Credit(s)

Electives:

1 - 6 credits sufficient to meet required total of 60 credits

Notes:

^ Depending on Math placement, students may be required to complete MAT 9010 **or** MAT 9B0 **or** MAT 900 **and/or** MAT 1000 **and** MAT 1400

** Consultation with the Mathematics Department is **HIGHLY** recommended to ensure that the student selects the correct option.

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Media Arts, A.S.

HEGIS: 5008.00
PROGRAM CODE: 81224
PROGRAM DIRECTOR: Prof. John Acosta
DEPARTMENT: COMMUNICATIONS AND PERFORMING ARTS

The Media Arts AS degree is designed to provide students with the required foundation and skills for careers in radio, television, film, and video. Courses prepare students to effectively research and write for electronic media, and include hands-on studio experiences in media technology, studio operations, digital audio/visual production, camera operation, and post-production editing software. The degree is designed to provide opportunity for transfer to baccalaureate programs or immediate entry into the field.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Media Arts, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Media Arts degree program requirements, graduates will:

1. identify and define the terms, trends, theories, and technology in the areas of mass media (radio, television, film, communications, and emerging media).
2. evaluate evidence to produce critically written assessments that apply the appropriate professional standards of the field.
3. apply the technical and analytical skills required for radio station operation and podcasting.
4. produce multiple camera television studio programs and remote programs using single and multiple cameras.
5. apply the technical and analytical skills required for audio and video digital nonlinear editing and electronics news gathering/electronic field production.

6. construct an e-portfolio that demonstrates creative and technical proficiency in digital media content and production in the 21st century.
7. apply the cognitive apprenticeship technique of modeling, coaching and scaffolding as it applies to the areas of mass media (radio, television, film, and emerging media).

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

- MCF 4000 - Film: The Creative Medium 3 Credit(s)

D. Individual and Society Designated Course

- MCM 3000 - Mass Media 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (10 Courses, 30 Credits):

- MCB 3900 - Radio Studio Operations 3 Credit(s)
- MCB 4100 - Television Studio Production 3 Credit(s)
- MCB 4600 - Media Technology 3 Credit(s)
- MCB 4900 - Media Production and Editing 3 Credit(s)
- MCB 5000 - Writing for the Electronic Media 3 Credit(s)
- MCB 5200 - Video Editing with Media Composer 2 Credit(s)
- MCM 3000 - Mass Media 3 Credit(s)
- MCF 4000 - Film: The Creative Medium 3 Credit(s)

Select from the following program electives (6 crs.):

- MCB 4000 - Introduction to Pro Tools 3 Credit(s)
- MCB 5100 - Advanced Media Production and Editing 3 Credit(s)
- MCB 81XX - Independent Study 1-3 Credit(s)
- MCB 82XX – Topical/Pilot Course 1 to 3 Credit(s)
- MCB 92XX - Internship 3 Credit(s)
- MCF 4300 - Film Genre 3 Credit(s)
- MCF 4400 - Film and Society 3 Credit(s)
- THA 4700 - Stage Management 3 Credit(s)
- THA 5500 - Introduction to Theatre Design & Technology 3 Credit(s)
- THA 5600 - Fundamentals of Theatrical Lighting 3 Credit(s)
- THA 6000 - Introduction to Costume and Make-Up 3 Credit(s)
- THA 6300 - Basic Sound Technology 3 Credit(s)
- JRL 3100 - Basic Journalism 3 Credit(s)
- ART 4900 - The Art of Storyboarding 3 Credit(s)
- ENG 6500 - Literature and Film 3 Credit(s)

Electives:

0 to 9 credits sufficient to meet required total of 60 credits. **If Elective credit is available, it is HIGHLY Recommended that students select additional courses from the Program Electives.**

Notes:

This program is designed to ready students for entry into the media industries, and because of the physically demanding nature of media production, emphasis is placed on safe and proper set-up and operation of equipment. Specific physical abilities are required to fulfill needed tasks:

- Gross motor skills sufficient to lift, sit and stand for long periods, and mobility sufficient to bend, kneel, squat, reach, and carry 10-40 lbs of equipment above waist height (includes lifting and

carrying 10-40 lb cases of audio/visual equipment; lifting this equipment to required heights; and standing for multiple hours in-studio or on location during production).

- Abilities sufficient to receive, interpret, and communicate information in an accurate, timely and efficient manner (includes headset communications during productions, ability to read broadcast copy on-air; ability to read from a teleprompter, ability to rewrite wire copy).
- Visual acuity sufficient to perceive and manipulate computer displays – both with a mouse and by touch-screen. Eye-hand coordination and fine motor skills to operate various equipment (includes using audio/video editing software, manipulating fine dials, buttons and switches on cameras, microphones, and audio and video consoles).

If you feel you are unable to perform one or more of these functions, please consult with Access-Ability Services, D-205, by email (AAS@kbcc.cuny.edu) or by phone (718-368-5175), to determine whether a reasonable accommodation can be provided. Determination is made on an individual basis as to whether or not necessary accommodations or modifications can be made reasonably.

Total Credits: 60

Mental Health and Human Services, A.S.

HEGIS: 5216.00
PROGRAM CODE: 78382
PROGRAM DIRECTOR: TBD
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Mental Health and Human Services AS degree is designed for students who wish to pursue careers in the field of human services. Courses provide foundational knowledge and emphasis on learning ways of helping people lead satisfying, productive lives, how to prevent and treat serious emotional and psychological problems, and focus on the expansion of access, equity, and health. Students apply skills learned in two semester-long field work courses. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Mental Health and Human Services, A.S.

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of Mental Health and Human Services degree program requirements, graduates will:

1. understand and engage in career building strategies
2. understand the variety of career options in the helping professions and the educational and licensing requirements
3. understand and practice using basic helping skills
4. understand and practice effective strategies for working with members of diverse populations
5. demonstrate skills to effectively run groups, meetings, and projects
6. examine the impact of government and political systems on public policy formulation and decision-making

7. engage in meaningful volunteer activity
8. communicate strategically and effectively in support of a civic endeavor
9. acquire and disseminate knowledge relating to political issues

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

  * Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

- PSY 3200 - Human Growth and Development 3 Credit(s) **or**
- PSY 3600 - Abnormal Psychology 3 Credit(s)

E. Scientific World Designated Course

- PSY 1100 - General Psychology 3 Credit(s)

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (10 Courses, 30 Credits):

- MH 1100 - Introduction to Human Services 3 Credit(s)
- MH 3000 - Human Services Organization 3 Credit(s)
- MH 3500 - Introduction to Gerontology 3 Credit(s)
- MH 9801 - Supervised Instructional Experience in Mental Health I 3 Credit(s)
- MH 9802 - Supervised Instructional Experience in Mental Health II 3 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)
- PSY 3200 - Human Growth and Development 3 Credit(s)
- PSY 3600 - Abnormal Psychology 3 Credit(s)

AND

- MH 3100 - Principles of Interviewing and Group Leadership 3 Credit(s) **or**
- MH 3700 - Introduction to Domestic Violence Counseling 3 Credit(s)

AND

- MH 3400 - Mental Health Practice with Vulnerable Populations 3 Credit(s) **or**
- MH 3800 - Assessment and Intervention Modalities with Domestic Violence Survivors 3 Credit(s)

Electives:

0 to 6 credits sufficient to meet required total of 60 credits.

If additional elective credits are available, consultation with an advisor is **HIGHLY** recommended.

The following course is recommended if not taken to fulfill Pathways Flexible Core: Individual and Society (Group D).

- SOC 3100 - Introduction to Sociology 3 Credit(s)

Note:

Students who complete MH 3700 and MH 3800 will be enrolled at internships (MH 9801 and MH 9802) that focus on Domestic Violence.

Total Credits: 60

Physical Education, Recreation and Recreation Therapy, A.S.

HEGIS: 5506.10
PROGRAM CODE: 01064
PROGRAM CO-DIRECTORS: Prof. Juan Franquiz
DEPARTMENT: HEALTH, PHYSICAL EDUCATION AND RECREATION

The Physical Education, Recreation and Recreation Therapy AS degree is designed to prepare students for occupations in athletics, sports management, or therapeutic recreation. Concentrations in Recreation and Recreation Therapy, Teaching and Physical Education, and Sports Management provide students the opportunity to focus on specific areas of interest. A solid foundation is provided for identifying ethical standards, adaptations of services, and management strategies. Field work provides opportunity for application of skills learned. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Physical Education, Recreation and Recreation Therapy, A.S. - Recreation and Recreation Therapy Concentration

Degree Map for Physical Education, Recreation and Recreation Therapy, A.S. - Transfer to Baccalaureate in Teaching and Physical Education Concentration

Degree Map for Physical Education, Recreation and Recreation Therapy, A.S. - Transfer to Baccalaureate in Sports Management Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Physical Education, Recreation and Recreation Therapy degree program requirements, graduates will:

1. have a foundation in leadership, group work skills, and opportunities to have practiced each
2. have identified their personal values and ethical standards of practice
3. have technological and communication skills (reading, writing, and speaking)
4. have management strategies in recreation, physical education and facilities
5. have knowledge of risk management and safety
6. be prepared for careers in physical education, recreation and recreation therapy, and sports management
7. identified issues of accessibility, services and adaptations for people of all ages and abilities
8. have been introduced to professional organizations and provided opportunities to engage in workshops and conferences

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* **
- *Life & Physical Sciences Course 3 Credit(s)* **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (5 Courses, 15 Credits):

- HPE 1200 - Concepts of Wellness 3 Credit(s)
- RPE 1100 - Introduction to Recreation and Physical Education 3 Credit(s)
- RPE 1200 - Leadership in Recreation, Physical Education and Sport Management 3 Credit(s)
- RPE 3200 - Organization and Administration of Recreation, Physical Education, and Sport Management Programs 3 Credit(s)
- RPE 9152 - Field Experience in Physical Education, Recreation/Recreation Therapy, and Sport Management 3 Credit(s)

Concentrations (5 to 8 Courses, 15 Credits):

Select **one (1)** of the following concentrations:

Recreation and Recreation Therapy (5 Courses, 15 Credits):

- RPE 1300 - Social Recreation 3 Credit(s)
- RPE 3100 - Therapeutic Recreation for Individuals with Disabilities I 3 Credit(s)
- RPE 3400 - Methods and Materials in Arts and Crafts 3 Credit(s)
- RPE 3500 - Therapeutic Recreation for Individuals with Disabilities II 3 Credit(s)
- RPE 3600 - Assessment Process in Therapeutic Recreation 3 Credit(s)

Transfer to a Baccalaureate Program in Teaching and Physical Education (8 Courses, 15 Credits):

- HPE 1500 - Fitness Assessment and Prescription 2 Credit(s) **or**
- HE 3500 - First Aid and Personal Safety 2 Credit(s) **or**
- RPE 1400 - Camping and Outdoor Recreation 2 Credit(s)

AND

- RPE 3100 - Therapeutic Recreation for Individuals with Disabilities I 3 Credit(s)
- RPE 4000 - Sport and American Society 3 Credit(s)
- RPE 7000 - Introduction to Teaching Methods in Physical Education 3 Credit(s)
- Physical Education courses in Team or Individual Sports and Skills 4 credit(s) *selected from approved list*

Transfer to Baccalaureate Program in Sports Management (5 Courses, 15 Credits):

- RPE 700 - Introduction to Sports Management 3 Credit(s)
- RPE 4000 - Sport and American Society 3 Credit(s)
- RPE 4600 - Facilities Planning in Sports 3 Credit(s)
- BA 1100 - Fundamentals of Business 3 Credit(s)
- BA 1400 - Principles of Marketing 3 Credit(s)

Electives:

0 credits sufficient to meet required total of 60 credits

Total Credits: 60

Physics, A.S.

HEGIS: 5619.00
PROGRAM CODE: 01042
PROGRAM DIRECTOR: Dr. John Mikalopas
DEPARTMENT: PHYSICAL SCIENCES

The Physics AS degree is designed to provide students the foundation in physics and related physical sciences and mathematics courses in preparation for transfer to baccalaureate programs. Courses focus on understanding fundamental laws, theories, and ideas of physics and their application to analyze problems, understanding underlying technological developments, scientific discovery, matters of public policy and concern in relation to physics and related physical sciences, and support quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Physics, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Physics, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Physics degree program requirements, graduates will:

1. be able to understand the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences)
2. be able to evaluate and express empirical evidence supporting the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences)
3. be able to apply the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences) to analyze problems or questions
4. be able use the tools and methods of Physics (and related Mathematics and Physical Sciences) to gather, analyze, and interpret data

5. be able to express themselves effectively in written exams and laboratory reports using the terminology, notations, and symbols of Physics (and related Mathematics and Physical Sciences)
6. be able to understand the basic principles of Physics (and related Mathematics and Physical Sciences) underlying technological developments, scientific discovery, and matters of public policy and concern

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course**
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s) **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)
- *Life & Physical Sciences Course**
    - CHM 1100 - General Chemistry I 4 Credit(s)

Flexible Core (6 Courses, 20 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Courses*

- CHM 1200 - General Chemistry II 4 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)

Major Requirements (8 Courses, 26 to 27 Credits):

Additional Physical Sciences Requirements (4 Courses, 14 credits)

- PHY 1400 - Advanced General Physics II 4 Credit(s)
- EGR 2200 - Introduction to Electrical Engineering 3 Credit(s)
- EGR 2300 - Introduction to Engineering Thermodynamics 3 Credit(s)

AND

Select **one (1)** from the following:

- EPS 3100 - Meteorology 4 Credit(s)
- EPS 3200 - Oceanography 4 Credit(s)
- EPS 3300 - Physical Geology 4 Credit(s)
- EPS 3500 - Introduction to Astronomy 4 Credit(s)
- EPS 3600 - Planetology: A Trip Through the Solar System 4 Credit(s)
- EPS 3800 - Introduction to Earth Science 4 Credit(s)

Additional Mathematics Requirements (2 Courses, 6 Credits)

Select two (2) additional courses beyond the Mathematical and Quantitative Reasoning (MQR) course from the following:

- MAT 1000 - College Trigonometry 3 Credit(s)
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) *(Recommended)*
- MAT 1500 - Calculus I 3 Credit(s) *(Recommended)*
- MAT 1600 - Calculus II 3 Credit(s) *(Recommended)*
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)

Additional Science and Mathematics Electives (2 Courses, 6 to 7 Credits)

- Elective Credits in CHM, CS, EGR, EPS, MAT, PHY, or SCI

Electives:

0 to 1 credit sufficient to meet required total of 60 credits

Notes:

^ Depending on Math placement, students may be required to select MAT 1000

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Science for Forensics, A.S.

HEGIS: 5619.00
PROGRAM CODE: 34472
PROGRAM DIRECTOR: Dr. John Mikalopas
DEPARTMENT: PHYSICAL SCIENCES

The Science for Forensics AS degree is a jointly registered dual enrollment degree program with John Jay College of Criminal Justice and prepares students for transfer to their baccalaureate program. Scientific foundation and technical training are provided through courses in chemistry, physics, biology and mathematics, that focus on understanding fundamental laws, theories, and ideas, their application toward data analysis, and support of quantitative reasoning, scientific writing, and research.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Map:

Degree Map for Science for Forensics, A.S. - MAT 9010 or MAT 9B0 or MAT 900 Placement

Degree Map for Science for Forensics, A.S. - MAT 1500 Placement - Calculus I

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Science of Forensics degree program requirements, graduates will:

1. be able to understand the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences)
2. be able to evaluate and express empirical evidence supporting the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences)
3. be able to apply the fundamental laws, theories, and ideas of Physics (and related Mathematics and Physical Sciences) to analyze problems or questions
4. be able use the tools and methods of Physics (and related Mathematics and Physical Sciences) to gather, analyze, and interpret data

5. be able to express themselves effectively in written exams and laboratory reports using the terminology, notations, and symbols of Physics (and related Mathematics and Physical Sciences)
6. be able to understand the basic principles of Physics (and related Mathematics and Physical Sciences) underlying technological developments, scientific discovery, and matters of public policy and concern

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 13 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course* *
    - MAT 9010 - Introduction to Mathematics with College Algebra 3 Credit(s) **or**
    - MAT 9B0 - College Algebra for STEM Majors 3 Credit(s) **or**
    - MAT 900 - College Algebra 3 Credit(s) **or**
    - MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) **or**
    - MAT 1500 - Calculus I 3 Credit(s)
- *Life & Physical Sciences Course* *
- BIO 1300 - General Biology I 4 Credit(s)

Flexible Core (6 Courses, 20 Credits):

When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

D. Individual and Society Designated Course

E. Scientific World Designated Courses*

- BIO 1400 - General Biology II 4 Credit(s)
- CHM 1100 - General Chemistry I 4 Credit(s)

Major Requirements (6 Courses, 25 Credits):

A cumulative grade point average of 2.50 or above, which includes BIO 1300, BIO 1400, and CHM 1100 as well as the following Physical Science courses, is required:

Additional Physical Sciences Requirements (5 Courses, 22 Credits)

- CHM 1200 - General Chemistry II 4 Credit(s)
- CHM 3100 - Organic Chemistry I 5 Credit(s)
- CHM 3200 - Organic Chemistry II 5 Credit(s)
- PHY 1300 - Advanced General Physics I 4 Credit(s)
- PHY 1400 - Advanced General Physics II 4 Credit(s)

Additional Mathematics Requirement (1 Course, 3 Credits)

Select **one (1)** additional course beyond the Mathematical and Quantitative Reasoning (MQR) course from the following:

- MAT 1000 - College Trigonometry 3 Credit(s) ^
- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s) *(Recommended)*
- MAT 1500 - Calculus I 3 Credit(s) *(Recommended)*
- MAT 1600 - Calculus II 3 Credit(s) *(Recommended)*

Electives:

2 credits sufficient to meet required total of 60 credits

Completion of MAT 1600 Calculus II is **HIGHLY** recommended

Notes:

^ Depending on Math placement, students may be required to select MAT 1000

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Total Credits: 60

Speech Communication, A.S.

HEGIS: 5606.00
PROGRAM CODE: 29487
PROGRAM DIRECTOR: Dr. Gordon Alley-Young
DEPARTMENT: COMMUNICATIONS AND PERFORMING ARTS

The Speech Communications AS degree is a jointly registered dual enrollment degree program with Brooklyn College and prepares students for transfer to their baccalaureate program. Concentrations in Communications and Speech Pathology provide opportunity to focus on specific areas of interest. Courses focus on identifying and applying theories of communication and language development, evaluating the impact of culture on communication, and identifying qualities of an effective communicator.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Speech Communication, A.S. - Communication Studies Concentration

Degree Map for Speech Communication, A.S. - Speech Pathology Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Speech Communication degree program requirements, graduates will:

1. Analyze linguistic patterns and processes, communication differences vs. disorders, the development, structure, and nature of human language, and its representation in speakers' minds.
2. Explain how an individual's culture, speaking patterns, and/or linguistic choices inform our understanding of the systems of language, communication, and/or matters of social justice.
3. Apply communication theories and skills to solve problems and/or achieve communication goals specific to interpersonal, family, group, career, or healthcare communication contexts.
4. Illustrate listening skills and strategies to increase understanding, enhance relationships, and/or to address a communication challenge.

5. Create and critically analyze messages as appropriate to the audience, purpose, and context.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s) **
- *Life & Physical Sciences Course 3 Credit(s) **

* Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

- SPE 2700 - Oral Interpretation 3 Credit(s)

D. Individual and Society Designated Course

- SPE 2500 - Small Group Communication 3 Credit(s)

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (3 Courses, 9 Credits):

- SPE 2400 - Career Communication 3 Credit(s)
- SPE 2500 - Small Group Communication 3 Credit(s)
- SPE 2700 - Oral Interpretation 3 Credit(s)

Concentrations (4 to 5 Courses, 12 to 17 Credits):

Select **one (1)** of the following concentrations:

Communication Studies (4 Courses, 12 Credits):

- SPE 1200 - Interpersonal Communication 3 Credit(s)
- SPE 2100 - Effective Public Speaking 3 Credit(s)
- SPE 2600 - Intercultural Communication 3 Credit(s)

AND

- SPE 1800 - Health Communication 3 Credit(s) **or**
- SPE 1900 - Family Communication 3 Credit(s)

Speech Pathology (5 Courses, 17 Credits):

- SPE 1700 - Introduction to Linguistics 4 Credit(s)
- SPE 2900 - Voice and Articulation 3 Credit(s)
- SPE 4000 - Phonetics 4 Credit(s)
- SPE 4100 - Language Development 3 Credit(s)

AND

- SPE 1200 - Interpersonal Communication 3 Credit(s) **or**
- SPE 2600 - Intercultural Communication 3 Credit(s)

Electives:

4 to 15 credits sufficient to meet required total of 60 credits

Total Credits: 60

Theatre Arts, A.S.

HEGIS: 5610.00
PROGRAM CODE: 76003
PROGRAM DIRECTORS: Prof. Ryan McKinney
DEPARTMENT: COMMUNICATIONS AND PERFORMING ARTS

The Theatre Arts AS degree is designed to provide students with an introduction to the art of theatre through traditional lecture-style courses, conservatory style studio courses, and a full production season. Concentrations in Performance or Technical Theatre provide opportunity to focus on a specific area of interest. The program produces a season of theatrical productions and workshops each academic year allowing for practical application of skills learned in the classroom. The degree is designed for transfer to baccalaureate programs.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Select the Degree Map for your Concentration:

Degree Map for Theatre Arts, A.S. - Performance Concentration

Degree Map for Theatre Arts, A.S. - Technical Production Concentration

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Theatre Arts degree program requirements, graduates will:

1. identify and define significant theatrical techniques, terms, trends, and theories that are centerpieces of dramatic literature, theatrical performance and production, both today and across the theatrical timeline **(Techniques, Terminology & Theories).**
2. differentiate between the various theatrical disciplines and production roles, while applying discipline-specific knowledge and techniques through the creation of theatrical productions **(Theatrical Practice).**

3. assess theatre as a civically-engaged, collaborative art form through co-curricular learning experiences that highlight the potential for theatre as a vehicle for social change and community building **(Civic Engagement).**
4. combine or synthesize existing concepts in original ways and/or work in an imaginative way displaying a high degree of innovation, divergent thinking, and risk taking in service of the collaborative theatrical process **(Creative Thinking Skills).**
5. apply analytical skills (the process of breaking complex topics or issues into parts to gain a better understanding of them) through the critical reading of dramatic literature, the dissection of theatrical concepts, and the critical examination of live theatrical productions **(Analytical Reading & Writing).**

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core courses are specified for a category, they are strongly suggested and/or required for the major

- ENG 1200 - Composition I 3 Credit(s)
- ENG 2400 - Composition II 3 Credit(s)
- *Mathematical & Quantitative Reasoning Course 3 Credit(s)* *
- *Life & Physical Sciences Course 3 Credit(s)* *

*Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Flexible Core (6 Courses, 18 Credits):

When Flexible Core courses are specified for a category, they are strongly suggested and/or required for the major. One course from each Group A to E. **and** one (1) additional course from any group. No more than two courses can be selected from the same discipline

A. World Cultures and Global Issues Designated Course

B. U.S. Experience in its Diversity Designated Course

C. Creative Expression Designated Course

- THA 5000 - Foundations in Theatre Arts 3 Credit(s)
- THA 5100 - Play Analysis 3 Credit(s)

D. Individual and Society Designated Course

E. Scientific World Designated Course

Note: You may elect to take a math or science course that is 4 credits or more. TAP counts 3 credits towards the requirements and the 4th credit as an elective.

Major Requirements (7 Courses, 21 Credits):

- THA 5000 - Foundations in Theatre Arts 3 Credit(s)
- THA 5100 - Play Analysis 3 Credit(s)
- THA 5200 - Acting I: Fundamentals of Acting 3 Credit(s)
- THA 6800 - History of Theatre: From Sophocles to Shakespeare 3 Credit(s)
- THA 5500 - Introduction to Theatre Design & Technology 3 Credit(s)

Select six (6) credits and at least two (2) courses from the following:

- THA 4000 - Performance Practicum Series 1 Credit(s) *****
- THA 4100 - Production Practicum Series 1 Credit(s) *****
- THA 4200 - Advanced Theatre Practicum 1 Credit(s)
- THA 4300 - Playwriting 3 Credit(s)
- THA 4400 - Voice and Diction for the Actor 3 Credit(s)
- THA 4600 - Musical Theatre Vocal Skills 3 Credit(s)
- THA 4700 - Stage Management 3 Credit(s)
- THA 5050 - Integrative Studies Seminar 1 Credit(s)
- THA 5300 - Acting II: Scene Study 3 Credit(s)
- THA 5600 - Fundamentals of Theatrical Lighting 3 Credit(s)
- THA 5800 - Musical Theatre Performance 3 Credit(s)
- THA 6000 - Introduction to Costume and Make-Up 3 Credit(s)
- THA 6300 - Basic Sound Technology 3 Credit(s)
- THA 6500 - Scenic Design 3 Credit(s)
- THA 6700 - History of Musical Theatre in the United States 3 Credit(s)
- THA 81XX - Independent Study 1-3 Credit(s)
- THA 82XX - Topical/Pilot Course 1-3 Credit(s)
- PEC 2000 - Beginner's Ballet 1 Credit(s)
- PEC 3800 - Modern Dance Techniques 1 Credit(s)
- PEC 3900 - Modern Dance Composition 1 Credit(s)

Concentrations (5 Courses, 9 Credits):

Select **one** (1) of the following concentrations:

Performance (5 Courses, 9 Credits):

Select two (2) from the following courses:

- THA 4400 - Voice and Diction for the Actor 3 Credit(s)
- THA 4600 - Musical Theatre Vocal Skills 3 Credit(s)
- THA 5300 - Acting II: Scene Study 3 Credit(s)
- THA 5800 - Musical Theatre Performance 3 Credit(s)

AND

- THA 4100 - Production Practicum Series 1 Credit(s) *****

Two (2) credits selected from:

- THA 4000 - Performance Practicum Series 1 Credit(s) *** or**
- THA 4100 - Production Practicum Series 1 Credit(s) *****

Technical Production (5 Courses, 9 Credits):

Select two (2) from the following courses:

- THA 4700 - Stage Management 3 Credit(s)
- THA 5600 - Fundamentals of Theatrical Lighting 3 Credit(s)
- THA 6000 - Introduction to Costume and Make-Up 3 Credit(s)
- THA 6300 - Basic Sound Technology 3 Credit(s)
- THA 6500 - Scenic Design 3 Credit(s)

AND

- THA 4100 - Production Practicum Series 1 Credit(s) *****

*Course must be **repeated** for a total of **three (3)** credits*

Electives:

0 to 6 credits sufficient to meet required total of 60 credits

*Notes:

*Notes: THA 4001 (Performance Practicum Series) and THA 4101 (Production Practicum Series) are for students who are out of sequence in their Practicums and MUST take two of the SAME Practicum in the SAME semester in order to meet the requirements of the degree. Consultation with the Communications and Performing Arts Department is required to enroll in these courses. These courses are equivalent to THA 4000 and THA 4100.

Total Credits: 60

Addiction Studies Certificate

HEGIS: 5506.00
PROGRAM CODE: 30009
PROGRAM DIRECTOR: Prof. Monica Joseph
DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Addiction Studies Certificate is designed to prepare students for a career in substance abuse counseling. Successful completion of the entire course of study satisfies the education requirements for the Certification in Alcohol and Substance Abuse Counseling (CASAC Trainee) from the NYS Office of Addiction Services and Supports (OASAS).

The curriculum presented here applies to students who started the Certificate in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the Certificate as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Required Core (1 Course, 3 Credits):

- ENG 1200 - Composition I 3 Credit(s)

Certificate Requirements (9 Courses, 27 Credits):

- SAC 2000 - Introduction to Alcoholism and Substance Abuse Counseling 3 Credit(s)
- SAC 2200 - Basic Techniques in Substance Abuse Counseling I 3 Credit(s)
- SAC 2400 - Basic Techniques in Substance Abuse Counseling II 3 Credit(s)
- SAC 2600 - Ethics, Confidentiality and the Counselor-Client Relationship in Substance Abuse Treatment 3 Credit(s)
- SAC 2800 - Behavioral Health Care Treatment Approaches 3 Credit(s)
- SAC 3000 - Compulsive Gambling: Treatment and Prevention for Substance Abuse Counselors 4 Credit(s)
- SAC 3200 - Addiction and the Family 2 Credit(s)
- SAC 91A0 - Substance Abuse Counseling - Field Internship I 3 Credit(s)
- SAC 91B0 - Substance Abuse Counseling - Field Internship II 3 Credit(s)

Notes:

Students who successfully complete the Certificate in Addiction Studies also meet the education requirements for the Certification in Alcohol and Substance Abuse Counseling (CASAC Trainee) from the New York State Office of Addiction Services and Supports (OASAS).

New York State is a member of the International Certification & Reciprocity Consortium (IC&RC) organization. The IC&RC promotes uniform professional standards with the commitment to providing high quality services for clients. The IC&RC promotes public protection by offering internationally recognized credentials through testing and credentialing of addiction professionals. Students residing outside of New York should visit the IC&RC Board Directory to see if their state is a member of IC&RC and has a reciprocity agreement for the New York State CASAC credential.

The *Certificate in Addiction Studies* is accredited by the National Addiction Studies Accreditation Commission (NASAC), 1001 N. Fairfax, Street Suite 201, Alexandria, VA 22314 and the New York State Office of Addiction Services and Supports (NYS-OASAS), New York City Office, 501 7th Avenue, New York, NY 10018-5903 and Albany Office, 1450 Western Avenue, Albany, NY 12203-3526.

Total Credits: 30

Culinary Arts Certificate

HEGIS: 5404.00
PROGRAM CODE: 33947
PROGRAM DIRECTOR: Chef Anthony Marzuillo
DEPARTMENT: TOURISM AND HOSPITALITY

The Culinary Arts Certificate prepares students with the technical training and hands-on experience for successful entry into the food industry. The curriculum is designed to provide students with the knowledge for proper selection and use of equipment in a commercial kitchen, food service management tools, food safety and safe food handling, identification and application of appropriate cooking techniques, demonstration of appropriate food and beverage pairings as well as wine, beer, and spirits service, and understanding of management structures for front and back of house operations. Students sharpen their skills in the on-campus learning restaurant and engage in a real-world internship in a professional kitchen. Students are eligible for national, local, and professional industry certifications from the National Restaurant Association, American Culinary Federation, and New York City Department of Health.

The curriculum presented here applies to students who started the Certificate in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the Certificate as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Certificate Requirements: (10 Courses, 30 Credits)

- CA 7100 - Introduction to Food Service Operations and Sanitation Service 3 Credit(s)
- CA 990 - Culinary Concepts 3 Credit(s)
- CA 100 - Culinary Arts I: Fundamental 3 Credit(s)
- CA 200 - Culinary Arts II: Major Techniques 3 Credit(s)
- CA 300 - Culinary Arts III: Breakfast, Pantry, and Garde Manger 3 Credit(s)
- CA 400 - Culinary Arts IV: Advanced Skills and Production 3 Credit(s)
- CA 1100 - Baking and Pastry 3 Credit(s)

AND

- CA 7200 - Restaurant Kitchen Operations and Management 3 Credit(s) **or**
  - CA 7400 - Restaurant Management and Dining Room Operations 3 Credit(s)

AND

- CA 9000 - Global Culinary Improvisation 3 Credit(s)
- CA 9200 - Internship in Culinary Arts 3 Credit(s)

Total Credits: 30

Course Descriptions

Accounting

ACC 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of accounting is developed individually between student and faculty member and must be approved by the Department.
Department: Business

ACC 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Business

ACC 1100 - Fundamentals of Accounting I

4 Credit(s) Hours: *4 hrs.*
This course introduces accrual-basis accounting for sole proprietorships in the service and merchandising industries. Topics include double-entry recording of business transactions and adjusting and closing entries. Preparation of financial statements under Generally Accepted Accounting Principles, including the income statement, owner's equity statement and balance sheet. Inventory valuation methods, specialized journals, subsidiary ledgers, bank reconciliations, internal control concepts, computerized accounting, and depreciation methods are also covered.
Department: Business

ACC 1200 - Fundamentals of Accounting II

4 Credit(s) Hours: *4 hrs.*
This second course in fundamentals of accounting focuses on partnership and corporate accounting. It includes the preparation of the retained earnings, stockholder's equity and cash flow statements. Other topics include accounting for receivables, payables, and long term debt, with a focus on bonds payable. In addition, both financial statement analysis tools and differences between financial and managerial accounting are examined.
Prerequisite(s): ACC 1100
Department: Business

ACC 2100 - Intermediate Accounting I

3 Credit(s) Hours: *3 hrs.*
Study of financial accounting, accounting standards, and the conceptual framework underlying financial accounting. The accounting information system is reviewed, including the accounting cycle as applied to the corporate organization. Preparation and understanding of the major financial statements-the classified balance sheet, income statement, statement of retained earnings, and statement of cash flows. Also covered: revenue recognition, management and control of cash, recognition and valuation of accounts receivable.
Prerequisite(s): ACC 1200 with a minimum grade of "C"
Department: Business

ACC 2200 - Intermediate Accounting II

3 Credit(s) Hours: *3 hrs.*
Continued study of financial accounting concepts including inventories, tangible, intangible and other non-current assets, liabilities, stockholder's equity, reporting requirements, earnings per share, accounting for investments and the time value of money. The impact of recent accounting developments on financial statements and generally accepted accounting principles are illustrated and discussed.
Prerequisite(s): ACC 2100
Department: Business

ACC 3100 - Cost Accounting

4 Credit(s) Hours: *4 hrs.*
This course explores manufacturer cost concepts, including overhead application, and systems of accounting for job-order-costing and process costing. Direct costing will be used in performing cost-volume-profit analysis. Examination will be conducted of budgets and variances between actual and standard results. Activity-based-costing as an alternative to determining cost basis will be observed. Differential analysis will be conducted to determine favorable outcomes.
Prerequisite(s): ACC 1200 with a minimum grade of "C"
Department: Business

ACC 4100 - Federal Taxation

4 Credit(s) Hours: *4 hrs.*
Study of current federal income tax law regulations include: concepts of taxable gross and net income, deductions and exemptions as applied to various classes of individual taxpayers. Preparation of individual income tax returns on actual governmental forms required.
Prerequisite(s)/Corequisite(s): ACC 1200 **or** Department permission
Department: Business

ACC 6000 - Microcomputer Accounting Applications

3 Credit(s) Hours: *3 hrs.*
The use of accounting system software as a tool for processing accounting data into financial information. Accounting system topics include the accounting cycle, general ledger, sales and accounts receivable, purchasing and payment, payroll, inventory, account reconciliation, financial reporting and budget analysis.
Prerequisite(s): ACC 1200 and BA 6000 **or** equivalent
Department: Business

Anthropology

ANT 3700 - Introduction to Anthropology

3 Credit(s) Hours: *3 hrs.*
A comparative study of the human condition in various societies and its application in solving practical problems. Topics include: human evolution, the meaning of our physical diversity, communication, miscommunication and past and present cultural diversity.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Behavioral Sciences

ANT 3800 - Human Rights

3 Credit(s) Hours: *3 hrs.*
Overview of anthropological, political, legal, economical, and philosophical perspectives on human rights. The history of human rights, examination of the basic treaties on human rights and exploration of the ways in which culture, religion, race, gender, indigenousness, human trafficking, genocide, and forced migration relate to human rights. Analysis of the global and local response to contemporary human rights abuses on a variety of issues in various countries.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Behavioral Sciences

ANT 3900 - Sexuality and Culture

3 Credit(s) Hours: *3 hrs.*
Approaches human sexuality from a unique perspective by incorporating theories from anthropology, sociology, psychology, women's studies and queer theory. Course explores the ways in which sexual behavior has changed over time and how it varies cross-culturally. It will also address current issues such as pornography, sex workers, gender and sexual diversity, sex tourism, same-sex sexuality, sexual rights, and cybersex.
Prerequisite(s): ANT 3700 **or** SOC 3100 **or** PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

ANT 4000 - Environmental Anthropology

3 Credit(s) Hours: *3 hrs.*
The course introduces students to the biological, cultural, and environmental issues impacting the world we live in locally and globally. Using various methodological and theoretical approaches, the course investigates issues and links between cultures, environment, and environmental justice. Focus issues include water, fires, melting glaciers and sea ice, droughts, environmental toxins, and shrinking of habitats and resources for humans and non-human species. As some communities and countries are more affected by these changes than others, the class will provide students with critical and applied skills for looking at human cultures within a wider ecosystem and provide the opportunity to create solutions for meaningful as well as equitable sustainability.
Prerequisite(s): SOC 3100
Department: Behavioral Sciences

Arabic

ARB 100 - Elementary Arabic I

3 Credit(s) Hours: *4 hrs.*
Basic speaking, listening, reading and writing Arabic. Through use of spoken and written sources, students will become acquainted with the sounds, alphabet, vocabulary, grammar and structure of the language. Use of laboratory and audio-visual materials to foster conversation and comprehension skills.
NOTE: This course was previously called ARB 8201
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

ARB 200 - Elementary Arabic II

3 Credit(s) Hours: *4 hrs.*
Continuation in basic speaking, listening, reading and writing Arabic. Use of spoken and written sources of the sounds, alphabet, vocabulary, grammar and structure of the language. Use of Laboratory and audio-visual materials to foster conversation and comprehension skills in Arabic.
NOTE: This course was previously called ARB 8202
Prerequisite(s): ARB 100 **or** Department permission
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

ARB 300 - Intermediate Arabic I

3 Credit(s) Hours: *3 hrs.*
Continuation of the development of reading and writing skills in the language through the use of suitable passages on key themes in Arabic culture and society. Students will actively engage with spoken and written source material from the Arab world. Audio-visual materials will be used to foster conversation and comprehension skills in the language.
Prerequisite(s): ARB 200 **or** Department permission
Department: Communications and Performing Arts

ARB 400 - Intermediate Arabic II

3 Credit(s) Hours: *3 hrs.*
Continuation of the development of reading and writing skills in the language through use of suitable passages on key themes in Arabic culture and society. Students will likely engage with spoken and written source material from the Arab world. Audio-visual materials will be used to foster conversation and comprehension skills in the language.
Prerequisite(s): ARB 300 **or** Department permission
Department: Communications and Performing Arts

Art: Art History (Non-Studio)

ART 81XX - Independent Study (Non-Studio)

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of art is developed individually between student and faculty member and must be approved by the Department.
Department: Art

ART 82XX - Topical/Pilot Course (Non-Studio)

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interest of various student populations. It is offered for a maximum of two semesters.
Department: Art

ART 2200 - Medieval Art

3 Credit(s) Hours: *3*
This course introduces students to the culture of the medieval era by studying the art of the following periods: Early Christian, Jewish, Byzantine, Islamic, Carolingian, Ottonian, Romanesque, and Gothic. The course covers the material chronologically and by region and theme in an effort to create an understanding of each culture's characteristic style, connection to its historical context, and its relationships to other cultures. It also explores how artworks functioned within religious and political contexts and issues of cross-cultural interactions stemming from trade, diplomacy, pilgrimage, the crusades, migration, and other forms of contact and exchange.
Flexible Core: Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 2300 - Asian Art through Religion, Philosophy, and Politics

3 Credit(s) Hours: *3 hrs.*
Introduction to the history of Asian art (early India, China, Korea, and Japan) from prehistory to the present. The course will examine a broad range of artifacts including monuments, city planning, architecture, sculpture, painting, calligraphy, ceramics, and prints. How religion, philosophy, and politics uniquely shaped visual culture in Asia is discussed. The course equally emphasizes the cultural transfers, how one culture influences another, and how at the same time a non-indigenous element becomes vernacularized by mixing with the local culture.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 2400 - Global Contemporary Art: Diversities and New Expressions

3 Credit(s) Hours: *3 hrs.*
Introduction to global contemporary art (the arts in the Americas, Europe, Middle East, Asia, and Africa). Art of the 21st century emerges from a vast variety of materials and means. This interdisciplinary course will examine a broad range of artistic practices including painting, sculpture, photography, video, performance art, animation, architecture, city planning, environmental art, activist art, and art using digital and social media. We will examine how arts from different geopolitical locations were uniquely shaped, responding to contemporary issues and concerns.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 3000 - Art and Activism

3 Credit(s) Hours: *3 hrs.*
Introduction to the role of art in society, and how modern and contemporary artists have employed art to challenge the status quo and stimulate social activism, change, and protest. The course will cover nine main topics: the Anti-War and Peace Movements, the Labor Movement, Art of the Cold War Era, Anti-Government Movements and Post Colonialism, the Civil Rights Movement, the Feminist Movement, Environmental Activism, Gay Identity and Queer Art, and Contemporary Protest Art. Although emphasis will be given to art and artists since 1945, the history of social activist and protest art will be traced through the modern era.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 3100 - Survey of Art History: Prehistory to the Present

3 Credit(s) Hours: *3 hrs.*
Introduction to the visual arts, past and present. Basic elements in appreciating the great achievements in painting, sculpture and architecture. Aesthetic and societal considerations.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 3300 - Survey of Art History: From Ancient to Renaissance Art

3 Credit(s) Hours: *3 hrs.*
Comprehensive, chronological introduction to the history of art and architecture from ancient civilizations to the Renaissance. Consideration of the cultural context of artistic developments and styles. Required of Art Majors.
Recommended in first year.
See Department Advisor.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 3400 - Survey of Art History: From Renaissance to 19th Century Art

3 Credit(s) Hours: *3 hrs.*
Major movements in Non-Western and Western art from the Renaissance through the late nineteenth century focusing on formal as well as historical issues. Required of Art Majors.
Recommended in first year.
See Department Advisor.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 3500 - Nineteenth-Century Art

3 Credit(s) Hours: *3 hrs.*
An introduction to the development of modern art, beginning in early nineteenth-century France. The course traces the emergence of various art movements, the rise of the historical avant-garde in Europe and the United States and the development of abstract art to 1900.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 3600 - Twentieth-Century Art

3 Credit(s) Hours: *3 hrs.*
An introduction to movements in painting, sculpture and architecture in the twentieth-century. The course begins with the rise of abstraction in Europe before the wars, and follows the course of art movement and styles in the aftermath of World War II. The course covers recent developments in visual arts at the turn of the century.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 3700 - Survey of Non-Western Art

3 Credit(s) Hours: *3 hrs.*
Survey of World Art from Islamic culture, India, Asia, art of the Americas and Native American cultures, Africa and the Pacific. The art of these countries and cultures will be studied from prehistory to the present.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 3800 - Renaissance Art

3 Credit(s) Hours: *3 hrs.*
History of the development of art from the Gothic movement through the rise of Humanism. The Renaissance in Florence, Italy and Northern Europe and an analysis of its new conception of nature, history and man. A general introduction to Renaissance artists in Florence and Spain.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 3900 - History of Women in Art

3 Credit(s) Hours: *3 hrs.*
Survey of the artistic works of women from the ancient world through the present. The class will consider formal issues, the representation of the female in the visual arts, the biographies of female artists, the art historical context of the work of women artists, and the rise of feminist art.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 4700 - History of American Art

3 Credit(s) Hours: *3 hrs.*
Introduction to the painting, sculpture, architecture and other forms of art created in the U.S. from the Colonial period through the early 20th Century. Aesthetic, cultural and social issues will be addressed while fostering an appreciation of the various styles and artistic approaches that have shaped the tapestry of American culture.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: Art

ART 5000 - Latin American Art

3 Credit(s) Hours: *3 hrs.*
Introduction to the arts of Latin America, including Meso, Central, and South America, and the Caribbean. In chronological order, the course will begin by examining the artistic production of the pre-Columbian era, establishing the iconography, styles, traditions, and techniques of each region. The art of colonial Latin America will be explored in regards to the cultural complexity and artistic convergence that characterized Spanish colonialism. Following independence, and in response to the influence of international artists, movements, and ideas, the development of Modern Art in Latin America will be discussed. Although emphasis will be placed on the Spanish-speaking countries of Latin America, the art of Brazil and Haiti will also be discussed.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Art

ART 9500 - Modern Architecture and the Environment

3 Credit(s) Hours: *3 hrs.*
A study of the major developments in the history and theory of architecture in Europe and the United States from the late 19th century through the present day and how these developments express our evolving understanding and perception of ourselves in relation to the environment. Particular attention will be given to landscape architecture, urban planning and contemporary innovations in green, ecologically-sustainable architecture.
Flexible Core: Creative Expression (Group C)
Department: Art

ART 9800 - History of Modern Sculpture

3 Credit(s) Hours: *3 hrs.*
A study of the major developments in the history and theory of sculpture in Europe and the United States, focusing on the nineteenth and twentieth centuries, and continuing through to sculpture of the present day.
Flexible Core: Creative Expression (Group C)
Department: Art

Art: Studio Art

ART 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of art is developed individually between student and faculty member and must be approved by the Department.
Department: Art

ART 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interest of various student populations. It is offered for a maximum of two semesters.
Department: Art

ART 2500 - Human Centered Design

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
This course introduces students to the user experience process of Human-Centered Design for designing and solving business problems. By the end of the course, students will have an understanding of the process that drives UX thinking and fosters skills for collaboration and problem-solving.
Prerequisite(s): ART 5500 **or** Department Permission
Department: Art

ART 2600 - UX Visual Design

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
This course will immerse students in the practice of UX and Visual Design for Digital Interfaces. Students will learn the process for visualizing and designing apps for all platforms. The process includes planning, design thinking, visual design, and interaction design. Emphasis will be placed on learning the UX process, design principles, aesthetics, web and mobile design concepts, color, typography, visual communication, design elements and patterns, and design process from concept to completion.
Prerequisite(s): ART 5500, ART 4600, **and** ART 2500 **or** Department Permission
Department: Art

ART 2600 - UX Visual Design

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
This course will immerse students in the practice of UX and Visual Design for Digital Interfaces. Students will learn the process for visualizing and designing apps for all platforms. The process includes planning, design thinking, visual design, and interaction design. Emphasis will be placed on learning the UX process, design principles, aesthetics, web and mobile design concepts, color, typography, visual communication, design elements and patterns, and design process from concept to completion.
Prerequisite(s): ART 5500, ART 4600, **and** ART 2500 **or** Department Permission
Department: Art

ART 2700 - Coding for Designers

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
This will be a hands-on course in which students will create coded prototypes with an interactive and responsive interface. In doing so, students will learn and apply technical skills such as HTML/CSS, jQuery, PHP, and CMS such as WordPress, as well as incorporate Interaction Design and UX Design theories.
Prerequisite(s): ART 5500 and Math Proficient **or** Department Permission
Department: Art

ART 4000 - Designing with Type

3 Credit(s) Hours: *4 hrs.*
A studio course using typography as a design tool with a focus on the creative and aesthetic use of letter forms for visual communication problem-solving.
Department: Art

ART 4300 - Digital Illustration

3 Credit(s) Hours: *4 hrs.*
Introduction to the computer program Adobe Illustrator and its use as a tool to create and manipulate illustrations and graphic designs for the development of portfolios.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 4400 - Still Life Painting

3 Credit(s) Hours: *4 hrs.*
A studio course using methods of oil and/or acrylic painting in a concentrated approach to the expressive possibilities of still life as a subject matter.
Prerequisite(s): ART 5900 **or** Department Permission
Department: Art

ART 4500 - Computer Art

3 Credit(s) Hours: *4 hrs.*
Introductory course to the computer as a complete publishing system and as a graphic design and illustration tool for creating finished portfolio pieces.
Prerequisite(s): ART 5500
Department: Art

ART 4600 - Photoshop as a Design Tool

3 Credit(s) Hours: *4 hrs.*
Introduction to core features and functions of this photo-based image editing program. Students will manipulate, re-touch, apply effects, import and scan images, perform color and tonal corrections and use illustration and paint techniques. This design and illustration tool will be used in the development of portfolio work.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 4800 - The Art of 3-Dimensional Animation

3 Credit(s) Hours: *4 hrs.*
Introduction to features and functions of computer assisted 3-dimensional image and animation. Basic 3-dimensional animation concepts utilizing industry software are covered, as well as the workflow involved in modeling, animation and rendering techniques in a 3-dimensional environment.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 4900 - The Art of Storyboarding

3 Credit(s) Hours: *4 hrs.*
An exploration of the preproduction stage of visual storytelling of all types: live-action, animation, and multimedia. Cinematic principles of continuity, editing, and methods of composition to communicate time-based visuals effectively are studied. Students will create storyboards, by hand and computer-generated, and animatics.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 5100 - Darkroom Photography I

3 Credit(s) Hours: *4 hrs.*
Learn to see photographically while using your 35mm camera. Develop black and white film and print your own enlargements during this intensive introduction to photographic image-making.
Department: Art

ART 5200 - Darkroom Photography II

3 Credit(s) Hours: *4 hrs.*
Students refine the ideas and techniques presented in Photography I. Emphasis is placed on developing a personal vision, while improving darkroom skills, lighting situations and putting together a cohesive portfolio of prints.
Prerequisite(s): ART 5100
Department: Art

ART 5300 - Photojournalism I

3 Credit(s) Hours: *4 hrs.*
Students will learn documentary storytelling and develop technical skills and visual literacy through digital photography. Skills will be acquired through weekly assignments that simulate being on assignment for a publication, research, group critiques, editing and layout, photo-history lectures and readings. Skills can be applied in fine arts, editorial and commercial photography.
Prerequisite(s): ART 9400
Department: Art

ART 5400 - Photojournalism II

3 Credit(s) Hours: *4 hrs.*
Designed for students who have studied photography and journalism. Combines the photo essay with spot news reporting. The concept of photojournalism as it applies to the daily newspaper, illustrated magazine and photo agency will be discussed.
Prerequisite(s): ART 5300
Department: Art

ART 5500 - Design Foundations

3 Credit(s) Hours: *4 hrs.*
Supplies the groundwork necessary to all studio courses as the principles of design are introduced. Using basic materials and techniques, the study of line, value, color, shape, and texture in two-dimensional composition, is included.
Required for Art Majors in first semester.
See Department Advisor.
Department: Art

ART 5600 - 3-Dimensional Design

3 Credit(s) Hours: *4 hrs.*
Color theory and applications in two- and three-dimensional composition. The study of concepts in three-dimensional design includes problems of volume and space.
Prerequisite(s): ART 5500
Department: Art

ART 5700 - Drawing I

3 Credit(s) Hours: *4 hrs.*
Introduction to the basic concepts of drawing. In order to cultivate the ability to see, to create form, and to enjoy visual experiences, students will draw from still life model and from the live model.
Required for Art Majors in first semester.
See Department Advisor
Department: Art

ART 5800 - Drawing II

3 Credit(s) Hours: *4 hrs.*
Continued study of various drawing media. Exploration of traditional and experimental drawing techniques.
Prerequisite(s): ART 5700 **or** Department permission
Department: Art

ART 5900 - Painting I

3 Credit(s) Hours: *4 hrs.*
Studio course in oil and acrylic painting serves as an aesthetic foundation for solutions to expressive problems of representational and abstract form, color and space.
Department: Art

ART 6000 - Painting II

4 Credit(s) Hours: *6 hrs.*
Continuation of ART 5900 gives students an opportunity for advanced work in painting, self-expression and creativity.
Prerequisite(s): ART 5900 **or** Department permission
Department: Art

ART 6100 - Sculpture I

3 Credit(s) Hours: *4 hrs.*
Study and work in a studio setting. Techniques and aesthetics of modern sculptural concepts emphasized.
Department: Art

ART 6200 - Sculpture II

4 Credit(s) Hours: *6 hrs.*
Advanced students in creative sculpture explore new techniques.
Prerequisite(s): ART 6100 **or** Department permission
Department: Art

ART 6300 - Ceramics I

3 Credit(s) Hours: *4 hrs.*
An introduction to problems in ceramic design, materials and techniques. Emphasis is on the use of the potter's wheel, glazing and firing.
Department: Art

ART 6400 - Ceramics II

3 Credit(s) Hours: *4 hrs.*
Students are involved with solutions to the intermediate problems in ceramic design. Emphasis is on further use of the potter's wheel, glazing and hand building.
Prerequisite(s): ART 6300
Department: Art

ART 6500 - Mixed Media

3 Credit(s) Hours: *4 hrs.*
Enables students to make use of combinations of drawing, painting and sculpture techniques, including the use of innovative materials.
Department: Art

ART 6800 - Illustration

3 Credit(s) Hours: *4 hrs.*
A studio course for the development of basic illustration concepts and skills including drawing, painting and using various media. Students will develop illustration techniques appropriate to the field of visual communication and the development of a portfolio.
Department: Art

ART 6900 - Illustration Style

3 Credit(s) Hours: *4 hrs.*
A studio course for the development of a personal style of illustration that can have mass market appeal as its base.
Prerequisite(s): ART 5500
Department: Art

ART 7200 - Web Page Design

3 Credit(s) Hours: *4 hrs.*
Evaluation and design of Web pages using software including Quark X-press, Illustrator, Flash and Dreamweaver.
Prerequisite(s): ART 4600 and either ART 7400 **or** ART 4000
Department: Art

ART 7300 - Digital Publication Design

3 Credit(s) Hours: *4 hrs.*
Introduction to the computer program Adobe InDesign and its use as a page layout tool for designing print and digital publications including magazines, books, brochures, and more.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 7400 - Typography

3 Credit(s) Hours: *4 hrs.*
This studio course introduces the fundamentals of typography as a design discipline and its practical applications. Students will learn the principles and terminology of type and how to design with it to communicate effectively.
Prerequisite(s): ART 5500
Department: Art

ART 7500 - Graphic Design and Advertising

3 Credit(s) Hours: *4 hrs.*
In this studio course, students will explore an array of graphic design and advertising assignments with an emphasis on concept development and creative visual problem-solving and will create professional quality portfolio work.
Prerequisite(s): ART 5500
Department: Art

ART 7900 - Figure Painting

3 Credit(s) Hours: *4 hrs.*
The basic principles of painting the human figure from direct observation of a model. Concentration on the study of color applied to figure painting.
Prerequisite(s): ART 5900
Department: Art

ART 8072 - Ceramic Sculpture

3 Credit(s) Hours: *4 hrs.*
Techniques and problem-solving in the construction of a mid-and large- scale ceramic sculpture and bas-relief with emphasis on adapting particular fabrication methods to individual imaginative composition.
Department: Art

ART 8348 - Figure Modeling and Carving

3 Credit(s) Hours: *4 hrs.*
The human figure at rest is studied from the anatomical, analytical and compositional point of view. A live model, slides and demonstration of figurative works are part of the course.
Prerequisite(s): ART 6100
Department: Art

ART 8452 - Intermediate Figure Modeling and Carving

3 Credit(s) Hours: *4 hrs.*
Study of the representation of the human figure in motion. Clay and stone will be the predominant materials used.
Prerequisite(s): ART 8348
Department: Art

ART 8547 - Landscape Painting

3 Credit(s) Hours: *4 hrs.*
Methods of oil and/or acrylic painting in a concentrated approach to the expressive possibilities of the landscape as subject matter.
Department: Art

ART 8651 - Intermediate Landscape Painting

3 Credit(s) Hours: *4 hrs.*
The experimental approach to landscape painting will be extended within a more personally directed context.
Prerequisite(s): ART 8547
Department: Art

ART 8746 - Transparent Watercolor Painting

3 Credit(s) Hours: *4 hrs.*
The interactions of brush and color with paper and water and the use of different color-wash techniques.
Department: Art

ART 8850 - Intermediate Watercolor Painting

3 Credit(s) Hours: *4 hrs.*
Advanced study of transparent watercolor painting, using wet-into-wet and glazing techniques.
Prerequisite(s): ART 8746
Department: Art

ART 9063 - Introduction to Welded Sculpture

3 Credit(s) Hours: *4 hrs.*
The different processes of joining metals used in the creation of a welded sculpture as various techniques of sculpting in metal are explored.
Prerequisite(s): ART 6100
Department: Art

ART 9400 - Digital Photography I

3 Credit(s) Hours: *4 hrs.*
Students will develop and define their own creative ideas through independent projects using digital photographic tools. Emphasis will be placed upon gaining a thorough working knowledge of Adobe Photoshop.
Department: Art

ART 9600 - The Art of Animation

3 Credit(s) Hours: *4 hrs.*
Introduction to animation exploring the basic principles and applications to different media, encompassing techniques from analog animation (stop-motion and hand drawn) through digital production techniques.
Prerequisite(s): ART 5500 or Department permission
Department: Art

ART 9700 - Ceramic Design

3 Credit(s) Hours: *6 hrs.*
The practical applications of ceramics from both a functional and decorative approach. Production techniques for creating multiples such as tableware, tiles and architectural details will be explored.
Prerequisite(s): ART 6300
Department: Art

Behavioral and Social Science: College Now

BEH 7000 - Introduction to Research

4 Credit(s) Hours: *4 hrs.*
To produce research projects in the behavioral sciences with the skill and knowledge necessary for carrying out individual research projects, students are familiarized with theoretical issues in scientific research, methodology, and statistical measurement.
Prerequisite(s): Enrollment in "College Now" Program
Department: Behavioral Sciences

BEH 7100 - Conducting Research

4 Credit(s) Hours: *4 hrs.*
To carry out and bring to completion an individual research project in the areas of the behavioral sciences; course work includes actual testing of subjects and of hypotheses, collection of data, statistical analysis, and assessing the implications of research findings for further investigation. The format of the written report will conform to the American Psychological Association guidelines.
Prerequisite(s): BEH 7000
Department: Behavioral Sciences

BSS 100 - Behavioral and Social Science: The Individual and His/Her World

3 Credit(s) Hours: *3 hrs.*
The concepts and methodologies of sociology, psychology, economics, political science and history helps students understand issues of current significance.
Prerequisite(s): Enrollment in "College Now" Program
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

Behavioral Sciences

BEH 2100 - Introduction to Women's, Gender, and Sexuality Studies

3 Credit(s) Hours: *3 hrs.*
The purpose of this interdisciplinary class is for you to analyze structures of power and dimensions of difference by focusing on gender and sexuality and the ways in which it intersects with other social identities, such as race, class, ethnicity, nationality, ability, and age, among others. We will read a range of texts across disciplines (i.e., English, history, sociology, anthropology, and biology, etc.) You will learn about concepts of sex/gender systems, histories of social movements, interdisciplinary modes of inquiry, intersectional identities, binaries and taxonomies, diversity and multiculturalism, political debates, and cultural productions. You will engage in open discussion about social issues addressed in the works we will read. In addition, you will write exploratory and argumentative essays in which you interpret gender issues in your lives and in the world for your own research project.
Department: Behavioral Sciences

BEH 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies Link.
Department: Behavioral Sciences

Biological Sciences

BIO 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of biology is developed individually between student and faculty member and must be approved by the Department.
Department: Biological Sciences

BIO 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
This course does not satisfy the Biology Major elective requirement.
Department: Biological Sciences

BIO 100 - Topics in Biology

3 Credit(s) Hours: *3 hrs.*
For non-science majors and those who plan to transfer to senior colleges within CUNY. Through lecture and discussion, selected biological topics, such as evolution, ecology, genetics, and human biology are explored. For each topic, interactive computerized lab experiences involving formulating hypotheses and the process of scientific inquiry are conducted. In addition, current ethical issues in science are studied.
Required Core: Life and Physical Sciences
Department: Biological Sciences

BIO 1100 - Human Anatomy and Physiology I

4 Credit(s) Hours: *6 hrs. (2 hrs. lecture, 4 hrs. lab)*
Not recommended for non-science majors.
A one-year, two-semester course in human anatomy and physiology. Examines complementary relationships between structure and function, dynamic aspects and integration of organs and organ systems in the maintenance of normal functioning of the whole organism. Dissections and other laboratory experiences including computer-assisted study of physiological principles.
This course does not satisfy the Biology Major elective requirement.
Prerequisite(s): CUNY English and Math Proficient
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 1200 - Human Anatomy and Physiology II

4 Credit(s) Hours: *6 hrs. (2 hrs. lecture, 4 hrs. lab)*
Not recommended for non-science majors.
A one-year, two-semester course in human anatomy and physiology. Examines complementary relationships between structure and function, dynamic aspects and integration of organs and organ systems in the maintenance of normal functioning of the whole organism. Dissections and other laboratory experiences including computer-assisted study of physiological principles.
This course does not satisfy the Biology Major elective requirement.
Prerequisite(s): BIO 1100
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 1300 - General Biology I

4 Credit(s) Hours: *6 hrs. each semester*
Not recommended for non-science majors.
A one-year, two-semester course for students who plan to major in biological sciences, or prepare for a preprofessional program. Classroom and laboratory sessions focus on biological topics as they apply to all life, to recent scientific findings and how they advance understanding classical concepts, the interaction of environmental and biological forces to produce life.
Prerequisite(s): Passed, exempt, or completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 1400 - General Biology II

4 Credit(s) Hours: *6 hrs. each semester*
Not recommended for non-science majors.
A one-year, two-semester course for students who plan to major in biological sciences, or prepare for a preprofessional program. Classroom and laboratory sessions focus on biological topics as they apply to all life, to recent scientific findings and how they advance understanding classical concepts, the interaction of environmental and biological forces to produce life.
Prerequisite(s): BIO 1300
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 1800 - The Biology of the Human Body

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
For non-science majors and those who plan to transfer to senior colleges within CUNY. This course will offer a one-semester overview of anatomy and physiology of all organ systems of the human body. The interrelationships between organ systems will be emphasized to provide a holistic view, practical applications to healthcare and reinforcement of health literacy skills. Through lecture and discussion, the processes of the human body will be explored. For each topic, interactive computerized lab experiences involving application of the process of scientific inquiry will be conducted. In addition, current ethical issues in medicine and healthcare will be studied.
Required Core: Required Core: Life and Physical Sciences
Department: Biological Sciences

BIO 2100 - Comparative Anatomy

4 Credit(s) Hours: *6 hrs. each semester*
Form, structure, classification and adaptive modifications of vertebrates, animals with backbones. Through dissections, representative vertebrates (dogfish and cat) are studied, vertebrates' major body systems and development of various representative structures are compared, relationships between form and function, and the use of certain structure in specific environments.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400
Department: Biological Sciences

BIO 2200 - Developmental Biology

4 Credit(s) Hours: *6 hrs. each semester*
Embryonic development and its regulatory mechanisms will be studied in representative invertebrate and vertebrate species, including the processes of gametogenesis and fertilization. Current experimental molecular and cellular techniques and results are interwoven with the historical evidence of the subject. Microscopic studies, films, drawings, models and student experiments are used to show the major stages of development and the dynamic processes of embryogenesis.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400
Prerequisite(s)/Corequisite(s): CHM 1100
Department: Biological Sciences

BIO 2800 - Biology of Women

3 Credit(s) Hours: *3 hrs.*
Major normal anatomical and physiological processes unique to the human female are considered, as well as a focus on recent research about women's biology, female health issues and related illnesses. Discussion of myths and gender stereotypes about women's biology and their influence on female/male behaviors.
This course does not satisfy the Biology Major elective requirement.
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 3300 - Introduction to Modern Concepts of Biology

4 Credit(s) Hours: *5 hrs.*
For non-science and liberal arts majors and those who plan to transfer to senior colleges. Focus is on major biological topics and principles, with emphasis on how biology influences human issues and problems. Lectures, discussions and hands-on laboratory experiences provide insight into past, present and future aspects of the diversity of life on earth. Topics considered include: genetics, ecology, evolution, and cell biology.
This course does not satisfy the Biology Major elective requirement.
Required Core: Life and Physical Sciences
Department: Biological Sciences

BIO 3700 - Human Genetics

3 Credit(s) Hours: *3 hrs.*
Introduces the principles of genetics with applications to human beings. The different systems by which characteristics are inherited, representative human hereditary problems, roles of heredity and environment, a historical approach to genetics research, chromosomal disturbances and some diseases, modern components of genetics in relation to human fertilization, surrogacy and genetic engineering.
This course does not satisfy the Biology Major elective requirement.
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 3900 - The Biology of Aging

3 Credit(s) Hours: *3 hrs.*
Biological aspects of the aging process, including: definitions, characteristics and biological theories of aging, recent biological research, effects of disease and prescription drugs, determination of each student's aging profile, factors which modify the rate of the aging process including nutrition and exercise.
This course does not satisfy the Biology Major elective requirement.
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 4900 - People and the Environment - Biological Emphasis

3 Credit(s) Hours: *3 hrs.*
To promote understanding of humankind's interdependence with the environment and to instill responsibility for environmental quality, the biological sciences are emphasized, including pollution control, ecological balance in nature, growth and control of human populations and identifying environmental issues.
This course does not satisfy the Biology Major elective requirement.
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 5000 - General Microbiology

4 Credit(s) Hours: *6 hrs. each semester*
Examines the diverse structure and activities of microbes in a wide number of environs, including the use of microbes in food production, antibiotic production, and bioremediation. Basic microbiological techniques are conducted such as staining, aseptic transfer, and pure culture techniques. More advanced laboratories are performed demonstrating the interdisciplinary nature of microbiology including collection of marine water and sediment samples for cultivation of algae and the isolation of antibiotic-producing microbes, and studies of various microbial relationships using plants.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400 and CHM 1100
Recommended: CHM 1200
Department: Biological Sciences

BIO 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies Link.
Department: Biological Sciences

BIO 5100 - Microbiology in Health and Disease

4 Credit(s) Hours: *6 hrs. each semester*
For students preparing for Nursing, Physician's Assistant and other allied health sciences only.
This course examines the role of microbes as infectious agents responsible for a wide variety of diseases and medical conditions. Disease transmission, treatment, and prevention are considered. The laboratory focuses on the basic methods to cultivate, identify and control microbial growth.
This course does not satisfy the Biology Major elective requirement.
Nursing students must take BIO 5100 before or with NUR 2100. Nursing students who withdraw from BIO 5100 cannot continue in NUR 2100.
Prerequisite(s): BIO 1200
Department: Biological Sciences

BIO 5200 - Marine Biology

4 Credit(s) Hours: *6 hrs. each semester*
Lecture and laboratory study of interrelationships between various environmental factors (physical, chemical and biological) and the distribution and physiology of selected marine organisms. Special attention to ecological techniques and taxonomic methods. Field trips supplement laboratory work.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400 and CHM 1100
Department: Biological Sciences

BIO 5300 - Ecology

4 Credit(s) Hours: *6 hrs. each semester*
Concepts and principles relating to structure and function of populations, communities and ecosystems, energy flow, biogeochemical cycling, community structure, population growth and population interactions, disturbed and undisturbed ecosystems. Designed for science majors, course includes lectures, films, field trips, discussion, research project and report.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400
Department: Biological Sciences

BIO 5700 - Biotechnology: Cell Culture and Cloning

4 Credit(s) Hours: *6 hrs. /2 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory*
Biological principles underlying animal and plant tissue culture and cloning techniques are taught using current cell culture research publications. The formation and maintenance of primary and continuous culture, monolayer and suspension cultures, cell separation techniques, and cell cloning studies are conducted. Cell morphology in vitro, callus formation, cytochemistry, immunocytochemistry, autoradiography, chromosome spread preparation and karyotyping, western blotting and enzyme-linked immunoabsorbance assays are performed and analyzed. Photomicroscopy and independent research projects on the initiation and maintenance of primary cell cultures from such sources as chick embryos are also performed.
Prerequisite(s): BIO 1400 and CHM 1100 or Department Permission
Department: Biological Sciences

BIO 5800 - Recombinant DNA Technology

4 Credit(s) Hours: *6 hrs. /2 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory*
The theory and application of recombinant DNA techniques includes study of genomics and proteomics, molecular aspects of recombinant DNA technology and genetic engineering, microbial, animal and plant protein expression. Ethical, legal and social concerns surrounding the field of biotechnology are addressed. Basic biotechnological laboratory techniques required for the study of genomics, genetic engineering and recombinant DNA technology are conducted.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400 and CHM 1100 or Department permission
Department: Biological Sciences

BIO 5900 - Genetics

4 Credit(s) Hours: *6 hrs. each semester*
For Biology Majors only.
This course examines transmission of the genetic material, molecular genetics and the genetics of population. Topics considered in both lecture and laboratory include: quantitative analyses of eukaryotic linkage, extra nuclear inheritance, mutation studies, cytogenetical chromosomes studies, gene amplification, DNA extraction, DNA "fingerprinting," protein gel electrophoresis, and transformation of prokaryotic genetic material by viral vectors. Techniques developed and utilized in the Human Genome Project and genetic engineering are emphasized. Research papers and in-class presentations are required.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400 and CHM 1100
Department: Biological Sciences

BIO 6000 - Computer Applications in Bioinformatics

3 Credit(s) Hours: *4 hrs. /2 hrs. lecture, 2 hrs. laboratory*
Cross-Listed With: CIS 6000
Introduction to biochemistry topics, genomics, and computer-related applications in Bioinformatics. Analyses of genetic sequences and their corresponding three-dimensional structures, computer-aided sequence searches and comparisons (homologies). The algorithms used to perform searches and comparisons are provided. Computers are used to implement gene analyses in the area of DNA, protein, and RNA prediction of sequences and structures. The course includes a computer laboratory and biological, wet laboratory in genomics.
Prerequisite(s): MAT 1400 and BIO 1300
Department: Biological Sciences

BIO 6100 - Research Methods

2 Credit(s) Hours: *2 hrs.*
Introduction to the nature of scientific investigation and acquiring skills needed to develop a research problem. Emphasis placed on reading primary sources of scientific literature, experiment design, data presentation and analysis, and preparation of a literature review.
Prerequisite(s): Passed, exempt, or completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math **and** Department permission
Corequisite(s): BIO 6200
Department: Biological Sciences

BIO 6200 - Biological Instrumentation

2 Credit(s) Hours: *3 hrs.*
Theory and practical operation of basic laboratory instruments and techniques, including analytical balances, Ph meters, UV/VIS spectrophotometers, atomic absorption spectroscopy, chromatography, gel electrophoresis, computer-based instrumentation and other techniques.
Prerequisite(s): Passed, exempt, or completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math **and** Department permission
Corequisite(s): BIO 6100
Department: Biological Sciences

BIO 6500 - Molecular and Cellular Biology

4 Credit(s) Hours: *6 hrs. each semester*
The structure and functions of cell components are covered. Emphasis will be placed on the molecular composition of cells and the molecular mechanisms a cell uses to grow and divide. Experiments and computer exercises are designed around fundamental questions in eukaryotic cell biology with an emphasis on biochemical and molecular biological techniques.
This course satisfies the elective credit requirement for Biology Majors.
Prerequisite(s): BIO 1400 and CHM 1100
Department: Biological Sciences

BIO 7000 - The Biology of Nutrition

3 Credit(s) Hours: *3 hrs.*
Increased food processing, chemical additions to food, and the great variety of available foods makes it important to understand the basic ideas of modern nutrition. Such concepts as biochemical individuality as related to nutrition for optimum health are integrated with surveys of carbohydrate, protein and fat metabolism. Also studied are the role of vitamins and minerals in metabolic processes, food selection, special diets during illness, and safety of the food supply. Students analyze their own diet.
This course does not satisfy the Biology Major elective requirement.
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 9100 - Biostatistics

4 Credit(s) Hours: *4 hrs.*
Cross-Listed With: MAT 9100
An introduction to the theories and techniques relating to probability, statistics and data analysis as pertaining to biology. Discrete and continuous probability distributions are studied including binomial, normal and t-distributions. Classical and Bayesian statistics, estimation, hypothesis testing will be emphasized. SPSS software will be introduced and used in the laboratory achievements.
Students who have completed MAT 19A0 or MAT 2010 or MAT 2000 or MAT 2200 /BA 2200 will not receive credit for this course.
Prerequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Biological Sciences

BIO 9201 - Research I

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department permission
Department: Biological Sciences

BIO 9202 - Research II

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department permission
Department: Biological Sciences

BIO 9203 - Research III

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department permission
Department: Biological Sciences

BIO 9204 - Research IV

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department permission
Department: Biological Sciences

Business Administration

BA 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of business administration is developed individually between student and faculty member and must be approved by the Department.
Department: Business

BA 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Business

BA 1100 - Fundamentals of Business

3 Credit(s) Hours: *3 hrs.*
The interrelationships among management, labor, and government in both the domestic and global environments. Emphasis is placed on business objectives, strategies, and operational implementation. Contemporary trends are studied in the areas of management, marketing, human resources and finance, including legal and ethical implications.
This course is not open to students who have completed BA 1000.
Department: Business

BA 1200 - Business Law I

3 Credit(s) Hours: *3 hrs.*
The American legal system: analysis of the essential principles of law in the operation of a business entity, with emphasis on the application of the laws of torts and contracts. Review of appropriate Appeals Court decisions.
Department: Business

BA 1300 - Business Law II

3 Credit(s) Hours: *3 hrs.*
The legal principles of agency, partnership and corporations. Legal problems of corporate and non-corporate forms of organizations, consideration of rights, duties, obligations of employment and other special contractual and business relationships.
Prerequisite(s): BA 1200
Department: Business

BA 1400 - Principles of Marketing

3 Credit(s) Hours: *3 hrs.*
Consideration of marketing strategy from a customer's point of view. Course deals with principles and practices of the distribution process, including product pricing, promotion, distribution channels, market research, and governmental regulations.
Prerequisite(s): BA 1100
Department: Business

BA 2200 - Business Statistics

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Cross-Listed With: MAT 2200
An introduction to probability and statistics as they apply to business applications including data summary measures, discrete random variables and probability distributions, sampling methodologies and analysis, hypothesis testing and regression analysis. Special emphasis will be given to solutions of practical business problems.
Students who have completed MAT 19A0 or MAT 2010 or MAT 2000 or MAT 9100/BIO 9100 will not receive credit for this course.
Prerequisite(s): (1) MAT R300 **or** (2) MAT 9B0 **or** (3) MAT 9010 **or** (4) CUNY Proficiency **AND** ACCUPLACER (QAS) placement of MAT 900
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Business

BA 3100 - Organizational Behavior and Management

3 Credit(s) Hours: *3 hrs.*
The impact of organizational behavior on individuals, the economy and society, the role of organizations. Topics include: improving performance and productivity, individual motivation, leadership style and the effect of the external environment on the organization.
Prerequisite(s): BA 1100
Department: Business

BA 3300 - Business Communications

3 Credit(s) Hours: *3 hrs.*
The principles of writing effective business communications, including letters, reports, memoranda, directives. Emphasis on organization, language, personal relations and application of business psychology in writing.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Test in Writing
Department: Business

BA 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies Link.
Department: Business

BA 5200 - Advertising: Theory and Practice

3 Credit(s) Hours: *3 hrs.*
Advertising, its methods and its role in business. An introduction to media, copy, research, layout, production, direct mail, and campaign strategy.
NOTE: BA 9229 must be taken in lieu of BA 5200 for A.A.S. Business Administration students with a grade point average ≥ 3.00
Prerequisite(s): BA 1400
Department: Business

BA 6000 - Introduction to Computer Concepts

3 Credit(s) Hours: *4 hrs.*
Lab-oriented course introduces microcomputer hardware and software, emphasizing the "Big Four" business applications: word processing, electronic spreadsheets, database management, and presentation graphics. Conceptual and operational skills necessary to successfully compete in the modern technological business environment.
Not open to Computer Information System Majors. Students who completed CP 1100 or CIS 1100 will <u>not</u> receive credit for this course.
Department: Business

BA 6100 - Spreadsheet Applications in Business

3 Credit(s) Hours: *3 hrs.*
Advanced and intensive work with electronic business spreadsheets in a lab-oriented course using Microsoft Excel. Includes ranges, functions, charts, conditional functions and lookups, data sorting and queries, macros, multiple worksheets, security, and linking data.
Prerequisite(s): BA 6000 **or** equivalent
Department: Business

BA 6200 - Management Information Systems

3 Credit(s) Hours: *3 hrs.*
Introduction to the use of information systems, including management information systems (MIS), organization of information, and systems analysis and design. Advanced applications of spreadsheets, database management software, and ethical and globalization issues are also introduced.
Department: Business

BA 9229 - Field Experience in Business Administration

3 Credit(s) Hours: *9 hrs. with a minimum of 8 hours of field work*
A capstone experience for students, allowing them to apply the theories and principles learned in class to the practical business environment. Students work directly with managers and employees in marketing, human resources management, and information systems management.
This course is only open to Business Administration majors. NOTE: BA 9229 must be taken in lieu of BA 5200 for A.A.S. Business Administration students with a grade point average < 3.00
Prerequisite(s): BA 1400
Department: Business

Business Administration: College Now

BA 1000 - Business Administration: Introduction to Business

3 Credit(s) Hours: *3 hrs.*
The dynamic world of the business environment. Included are: the business organization, from the sole proprietor (entrepreneur) to the corporate entity, four functions of management (planning, organizing, leading and controlling), and four elements of the marketing mix (product, price, promotion and distribution). Practical applications of management and marketing skills in small business, and in large corporations, the profit motive as a key feature in the American free enterprise system, legal aspects of operating a business, and the role of computers in business.
This course is equivalent to BA 1100.
Prerequisite(s): Enrollment in the "College Now" Program
Department: Business

Business of Fashion

BF 1900 - Fashion Forecasting

3 Credit(s) Hours: *3*
Students will learn to identify socio-cultural indicators in fashion, past and present trends, and apply methods for determining future trends in fashion and related industries culminating in a trend forecasting project.
Department: Business

BF 3100 - Elements of Retail Management

3 Credit(s) Hours: *3*
Introduction to management techniques considered essential to the planning, organization, control and operation of retail establishments. The fundamentals underlying modern merchandising practices, recent developments in trading area analysis, shopping centers, consumer relations, warehousing, transportation, stock control, and data processing. Retail case studies and field trips.
Previously listed as RM 3100.
Department: Business

BF 3200 - Product Development

3 Credit(s) Hours: *3*
Introduction to the concepts and methods by which retailers create special, store-branded merchandise for targeted customer segments. The process from product research through development and distribution is studied.
Previously listed as FM 3200.
Department: Business

BF 3300 - Salesmanship

3 Credit(s) Hours: *3 hrs.*
Principles of selling based on modern marketing concepts. Consumer needs and desires combined with company objectives, contributions of the behavioral sciences to the study of consumer behavior and buying patterns, organization and control of wholesale, industrial, and retail sales.
Previously listed as RM 3300.
Department: Business

BF 3400 - Merchandising Planning and Control

3 Credit(s) Hours: *3*
Basic merchandising principles to understand the principles of good merchandise planning and decision-making. Students acquire the ability to adjust to continually changing conditions in the retailing environment. Topics include stock planning, market evaluation, fashion forecasting and pricing.
Previously listed as RM 3400.
Prerequisite(s): BF 3100 or MM 3100
Department: Business

BF 3500 - Textiles

3 Credit(s) Hours: *3*
The course familiarizes students with fashion fabrics, including their identification, characteristics, merits, limitations, care, sustainability, and with the product development, from research to product distribution.
Previously listed as FM 3500.
Prerequisite(s): BF 3100 or RM 3100. BF 3100 or RM 3100 **NOT required for Fashion Design Majors.**
Department: Business

BF 3900 - Fashion Sales Promotion

3 Credit(s) Hours: *3*
Fashion activities that promote and stimulate the sale of fashion goods, practical experience in the preparation of special events, sales promotions and publicity similar to those initiated by apparel manufacturers, wholesalers and retailers, and criteria to analyze and evaluate these activities
Previously listed as FM 3900
Department: Business

BF 9229 - Field Experience in the Business of Fashion

3 Credit(s) Hours: *9*
A capstone course for Business of Fashion majors. Eight (8) hours per week of supervised field experience in fashion or marketing management, plus one (1) hour seminar a week devoted to developing strategies for personal and career success.
Previously RM 9229 - Field Experience in Retail Merchandising.
Prerequisite(s): For Business of Fashion seniors only
Department: Business

Chemistry

CHM 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of chemistry is developed individually between student and faculty member and must be approved by the Department.
Department: Physical Sciences

CHM 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Physical Sciences

CHM 100 - Preview of General Chemistry

0 Credit(s) 2 Equated Credit(s) Hours: *2 hrs.*
Required of all students who wish to enroll in CHM 1100 and do not meet the prerequisites.
Lecture and workshop introduces chemical nomenclature, symbolism, structure of atoms and molecules, isotopes and atomic weight, simple chemical reactions and balancing chemical equations. Mathematics necessary for chemistry included. Critical reading of chemistry texts. Students receive intensive help with weak areas.
Developmental Course
Corequisite(s): CHM 1100
Prerequisite(s)/Corequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900
Department: Physical Sciences

CHM 200 - Introduction to Green Chemistry

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
This introductory course covers the basics in chemistry within the context of "green" principles and their applications. Laboratory modules explore relevant topics such as alternative energy, renewable resources, and environmental chemistry.
Fulfills the CHM 1100 Prerequisite.
Prerequisite(s)/Corequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900
Required Core: Life and Physical Sciences
Department: Physical Sciences

CHM 500 - Chemistry for the Nutritional Sciences

5 Credit(s) Hours: *7 hrs.*
Principles of general chemistry with applications to biological systems and processes. Intended for students who wish to pursue a career in nutrition or other health-related fields. Not open to students who have completed CHM 1100. Utilization of the metric system, conversions, physical and chemical properties of matter, chemical nomenclature, symbolism, atomic and molecular structure, nuclear processes, the basics of chemical bonding and reactions, stoichiometry, and the properties of the states of matter, solids, liquids and gases. Students will also be introduced to the chemistry of solutions and colloids, acids and bases, which are integral in nutritional processes. Students will be able to proceed on to organic chemistry courses in health-related fields.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math **or** Department permission
Department: Physical Sciences

CHM 1100 - General Chemistry I

4 Credit(s) Hours: *6 hrs.*
First of a two-semester lecture and laboratory sequence intended for science and engineering majors. Lecture topics include: atomic theory, stoichiometry of chemical reactions, types of reactions, introduction to acid-base, solubility, and reduction-oxidation chemistry, thermochemistry, quantum mechanical description of atoms, the elements and the periodic table, covalent bonding, molecular geometry, properties of real and ideal gases, liquids, and solids, and colligative properties of binary mixtures. Laboratory: An experimental approach to chemical sciences with emphasis on developing fundamental, reproducible laboratory techniques and a goal of understanding achieving precision and accuracy in laboratory experiments. Proper use of laboratory equipment and standard wet chemical methods are practiced. Areas of investigations include acid-base, precipitation, and reduction-oxidation chemistry, thermochemistry, ideal gases, spectroscopy, and green chemistry.
Student must complete CHM 1100 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): (1) MAT 9010 **or** MAT 9B0 **or** MAT 900 **and** CHM 200, **or (2)** MAT 9010 **or** MAT 9B0 **or** MAT 900 **and** Chemistry Ready Placement Score placing into **CHM 1100 or (3)** Department Permission **OR**
Corequisite(s): (4) CHM 100 based on Chemistry Ready Placement Score. Contact Department for Chemistry Ready Placement information.
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

CHM 1200 - General Chemistry II

4 Credit(s) Hours: *6 hrs.*
Second semester of a two-semester lecture and laboratory sequence intended for science and engineering majors. Lecture topics include: introduction to kinetics, physical and chemical equilibrium, acid-base and solubility equilibrium, thermodynamics, electrochemistry, coordination chemistry, and introductions to nuclear, main group, and organic chemistry. Laboratory: An experimental approach to chemical sciences with emphasis on developing fundamental, reproducible laboratory technique and a goal of understanding and achieving precision and accuracy in laboratory experiments. Proper use of laboratory equipment and standard wet chemical methods are practiced. Areas of investigations include acid-base, precipitation, and reduction-oxidation equilibrium, spectroscopy, qualitative analysis, electrochemistry, and chemical synthesis.
Student must complete CHM 1200 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CHM 1100; **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

CHM 3000 - Principles of Chemical Reactivity

3 Credit(s) Hours: *3 hrs.*
Basic and advanced concepts of chemical reactivity, molecular geometry and electronic distribution in molecules. Topics include: Atomic theory, the periodic table, periodic trends and properties (with a focus on main group elements), bonding theories, Lewis structures and formal charges, valence bond theory, polar and non-polar molecules and bonds, resonance theory, molecular orbital theory: general principles; molecular orbitals for homo-nuclear and heteronuclear diatomic molecules, molecular orbital theory for organic molecules focusing on functional groups, principles of symmetry in molecules, chirality, isomerism, stereoisomerism, naming chiral centers; Newman, sawhorse and fisher projections, free-energy diagrams, reaction coordinates and transition states, reaction mechanisms: curved arrow symbolism, elementary steps.
Prerequisite(s): CHM 1100
Department: Physical Sciences

CHM 3100 - Organic Chemistry I

5 Credit(s) Hours: *9 hrs.*
Modern concepts of organic chemistry includes: structure and bonding reaction mechanisms, stereochemistry, nomenclature and synthesis, and relationship between structure and reactivity of the functional groups representing the principal classes of organic compounds. Laboratory covers fundamental operations of organic chemistry including determination of physical properties, experimental reactions and procedures, basic instrumentation and analysis.
Student must complete CHM 3100 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CHM 1200; **or** Department Permission
Department: Physical Sciences

CHM 3200 - Organic Chemistry II

5 Credit(s) Hours: *9 hrs.*
Continued study of structure and reactivity of organic compounds including structure and bonding, nomenclature, synthesis, stereochemistry and reaction mechanisms of the important functional groups of organic compounds. Laboratory covers basic processes of organic chemistry, advanced instrumental methods, study of functional groups and derivatives and qualitative organic analysis. Select students may be introduced to research methods.
Student must complete CHM 3200 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CHM 3100; **or** Department Permission
Department: Physical Sciences

CHM 9201 - Research I

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

CHM 9202 - Research II

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

CHM 9203 - Research III

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

CHM 9204 - Research IV

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

Chinese

CHI 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

CHI 100 - Elementary Chinese I

3 Credit(s) Hours: *4 hrs.*
Introduction to Mandarin for students with no previous training in the language. Emphasis on pronunciation and basic sentence structure for conversational Chinese using the pinyin Romanization system. The Chinese writing system in simplified characters also introduced for reading purposes. Not open to native speakers.
Department: Communications and Performing Arts

CHI 200 - Elementary Chinese II

3 Credit(s) Hours: *4 hrs.*
One-semester course in Mandarin for students with no previous training in the language. Further development of skills for conversing in Chinese. Emphasis on the learning of basic pronunciation, reading and writing are taught in characters.
Prerequisite(s): CHI 100
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

Community Health

COH 91E1 - Field Experience in Community Health

3 Credit(s) Hours: *1 class hr. plus 100 field hrs.*
Under Agency and Department supervision working in the field (100 hours are required), students broaden knowledge and deepen understanding of current Community Health issues. They work on Community Health problems, meet experienced professionals, familiarize themselves with the practices and methods used to ensure and protect the community and experience the "real life" challenges of the Community Health professional.
Prerequisite(s): COH 2000
Prerequisite(s)/Corequisite(s): COH 1300
Department: Health, Physical Education and Recreation

COH 1100 - Introduction to Community Health Services

3 Credit(s) Hours: *3 hrs.*
The determinants of health and the relationship between health and human behavior, including cultural, social, psychological and ethical issues are analyzed for their impact on illness behavior and quality of life.

Department: Health, Physical Education and Recreation

COH 1200 - Critical Issues in Community Health

3 Credit(s) Hours: *3 hrs.*
Ethical, social, legal and scientific issues underlying today's health problems. Students evaluate and relate basic health facts and concepts to critical health issues.
Department: Health, Physical Education and Recreation

COH 1300 - Epidemiology

3 Credit(s) Hours: *3 hrs.*
Introduction to factors which determine occurrence of disease in populations. Applies basic principles to disease prevention and health promotion at institution and community levels.
Prerequisite(s): COH 1100, COH 1200 and a passing score on the ACCUPLACER CUNY Assessment Test in Math or completion of developmental mathematics
Department: Health, Physical Education and Recreation

COH 1400 - Principles of Community Health Education

3 Credit(s) Hours: *3 hrs.*
Introduction to the profession of health education, its code of ethics, scope and future. Overview of learning and behavior change theories, health education and promotion core competencies, and strategies and interventions for protecting and promoting community health.
Department: Health, Physical Education and Recreation

COH 1500 - Healthcare in the United States

3 Credit(s) Hours: *3 hrs.*
Students will examine the context of the U.S. healthcare system, including patient care. Students will gain an understanding of patient care coordination and care management in today's changing and challenging healthcare industry. Students will critically examine the history of the U.S. healthcare system, healthcare models used in the U.S., and trends in the healthcare industry.
Department: Health, Physical Education and Recreation

COH 1600 - Patient Engagement Techniques in Community Health

3 Credit(s) Hours: *3 hrs.*
This course will provide students the opportunity to learn and practice techniques in self-management support and motivational interviewing strategies to facilitate behavior change in patients with chronic conditions. Students will gain an understanding of chronic disease management, wellness and disease prevention, and the basic skills used in health coaching. At course completion, students will have acquired skills to educate, engage, and support individual patients to improve the patient's health outcomes.
Corequisite(s): HPE 1200
Department: Health, Physical Education and Recreation

COH 1700 - Healthcare Coordination

3 Credit(s) Hours: *3 hrs.*
The goal of healthcare coordination is to improve patient outcomes with better care services. Care coordinators play a critical role in improving patient care. Students will learn how to effectively advocate for patients and interact with members of the healthcare team in finding solutions to provide high quality, value-based, and efficient care. Effective communication styles, assessing patient's needs and goals, and helping with patient's transitions of care are among the many topics covered in this course. Upon course completion, students will have acquired basic knowledge and skills to educate, engage, and support patients and their healthcare teams to improve health outcomes and quality of life.
Department: Health, Physical Education and Recreation

COH 2000 - Community Health Interventions

3 Credit(s) Hours: *3 hrs.*
Intervention strategies that promote and protect community health, including education, outreach, community organizing, advocacy, and health communication campaigns.
Prerequisite(s): COH 1200 or Departmental Permission
Department: Health, Physical Education and Recreation

Computer Information Systems

CIS 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of computer information systems is developed individually between student and faculty member and must be approved by the Department.
Department: Mathematics and Computer Science

CIS 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Mathematics and Computer Science

CIS 100 - Digital Society

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
A consideration of how digital technologies impact individuals' daily lives, social movements & civic activities. How the design and use of algorithms can be influenced by the culture and biases of those designing & using the technologies. Impacts on human rights; privacy; ethical concerns; and security. This course will help students achieve excellence in their studies and future endeavors by providing foundational knowledge that is critically important to understand digital influences on modern society. Facilitation and strengthening of critical-thinking skills, listening & analytical skills, and the application of the scientific method to exploring social phenomena.
Flexible Core: Individual and Society (Group D)
Department: Mathematics and Computer Science

CIS 1200 - Introduction to Operating Systems

3 Credit(s) Hours: *4 hrs.*
Microcomputer applications used in information systems environments including: microcomputer operating systems, graphics, microcomputer architecture and hardware, telecommunications, connecting personal computers via a local area network, and other selected topics.
Prerequisite(s): CP 500
Department: Mathematics and Computer Science

CIS 1500 - Applied Computer Architecture

3 Credit(s) Hours: *4 hrs./2 hrs. lecture, 2 hrs. laboratory*
This course will prepare students for the CompTIA A+ exam. Students will understand software and hardware topics covered by the exam, and have a more complete understanding of how computers and operating systems work. They will learn how to identify, resolve, and prevent malfunctions due to hardware and software problems.
Prerequisite(s)/Corequisite(s): CIS 1200
Department: Mathematics and Computer Science

CIS 2100 - Introduction to Web Page Development

4 Credit(s) Hours: *4 hrs.*
An introduction to the design and development of web pages. Students will develop their own web pages using web page development software.
Prerequisite(s): CP 500
Department: Mathematics and Computer Science

CIS 2200 - HTML Authoring and Javascript

4 Credit(s) Hours: *4 hrs.*
A second course in design and development of web pages emphasizing HTML coding, interactivity, animation and ecommerce applications of the World Wide Web. Students will develop their own web pages using web page software. This course covers the content of Microsoft Exam 98-383: Introduction to Programming Using HTML and CSS.
Prerequisite(s): CIS 2100 **or** TEC 5300
Department: Mathematics and Computer Science

CIS 3100 - Introduction to Database

3 Credit(s) Hours: *4 hrs.*
This course covers the basics of building relational databases and presenting the data in a user-friendly manner. The concepts of database normalization, data validation and referential integrity issues are stressed. The course utilizes Microsoft Access to cover these concepts but what is taught can easily be ported to large database systems such as Oracle and SQL Server. Data presentation layers using forms and reports are also covered as well as the basics of the SQL query language.
Prerequisite(s): CP 500
Department: Mathematics and Computer Science

CIS 3200 - Advanced Database Programming

4 Credit(s) Hours: *4 hrs.*
Building on concepts covered by the CIS 3100 (Introduction to Database) course and using VBA as the underlying programming language, this course focuses on accessing data contained in a typical database system and extracting and manipulating such data through code and the SQL language. Also covered are concepts of looping datasets, decisions using If/Then/Else and case statements. Both DAO and ADO data access methods are utilized and the code snippets needed to manipulate various controls of a typical presentation layer are covered.
Prerequisite(s): CIS 3100
Department: Mathematics and Computer Science

CIS 4500 - Network Server Administration

4 Credit(s) Hours: *4 hrs.*
An introduction to the concepts of networking and administration. Students will be exposed to the various components of a network environment - how to manage, maintain, secure, and troubleshoot them, and what their limitation and weaknesses are. This course will assist students in preparing for the CompTIA Network+ certification exam
Prerequisite(s): CIS 1500 with a grade of "C" or higher
Department: Mathematics and Computer Science

CIS 6000 - Computer Applications in Bioinformatics

3 Credit(s) Hours: *4 hrs. /2 hrs. lecture, 2 hrs. laboratory*
Cross-Listed With: BIO 6000
Introduction to biochemistry topics, genomics, and computer-related applications in Bioinformatics. Analyses of genetic sequences and their corresponding three-dimensional structures, computer-aided sequence searches and comparisons (homologies). The algorithms used to perform searches and comparisons are provided. Computers are used to implement gene analyses in the area of DNA, protein, and RNA prediction of sequences and structures. The course includes a computer laboratory and biological, wet laboratory in genomics.
Prerequisite(s): MAT 1400 and BIO 1300
Department: Mathematics and Computer Science

CIS 6100 - Systems Analysis

4 Credit(s) Hours: *4 hrs.*
Tools and methods used by management to develop systems for computer applications including: system investigation, input design, output design, file design, documentation, system testing, system implementation, hardware and software.
Prerequisite(s): CP 2100 **or** CIS 3100
Department: Mathematics and Computer Science

Computer Programming

CP 300 - Computers and Society

3 Credit(s) Hours: *3 hrs.*
Introduction to computers and how they are used, as well as the impact they have had on society. The course explores the impact computers and information technology have had on society and demonstrates lessons via a variety of software tools and information technology resources. The course material includes coverage of subject matter that will prepare the student for the Google Workspace certification exam.
Prerequisite(s): Exempt from or completion of developmental courses in Reading and Writing and (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficiency per CUNY guidelines.
Department: Mathematics and Computer Science

CP 500 - Introduction to Computer Programming

4 Credit(s) Hours: *4 hrs.*
Introduction to microcomputer programming used in data information environments including: microcomputer hardware, microcomputer operating systems, algorithm design using flowcharts, and computer programming.
Prerequisite(s): (1) Accuplacer placement of MAT 900 or above; or (2) MAT 9010 OR
Prerequisite(s)/Corequisite(s): MAT 9B0 **or** MAT 900
Department: Mathematics and Computer Science

CP 1000 - Computer Science Concepts, Tools and Methods

3 Credit(s) Hours: *3 hrs.*
Overview of computer science, including a general introduction to the concept of computers and computer systems, applications, programming and networking. These topics are introduced to the student with a broad outlook approach to the fundamental knowledge of the discipline and connects these concepts to practical applications of the role of computers in society, including areas such as security, privacy, ethics, and social networking. The interdisciplinary nature of computer science is stressed, by examples of its application to multiple fields (including life and physical sciences, linguistics, logic, mathematics, psychology, statistics, technology related studies, and general scientific discovery) are presented.
Students who have completed BA 6000 or CIS 1100 or CP 500 or CP 1100 or TEC 2500 will <u>not</u> receive credit for this course.
Prerequisite(s): (1) Successful completion of the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math; **or** (2) A passing score on both the Pre-Algebra and Elementary Algebra portion of the CUNY Mathematics Skills Test (COMPASS); **or** (3) Successful completion of both the Pre-Algebra and Elementary Algebra CUNY Mathematics remediation; **or** (4) Math Exemption; **or** (5) Established math proficiency designation per the CUNY Proficiency Index
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

CP 1100 - Introduction to Computers and Computer Applications

4 Credit(s) Hours: *4 hrs.*
Computer literacy course introducing uses of computers, components of a computer system, input/output devices, and flowcharting and programming in a contemporary programming language. Computer applications include word processing, spreadsheets, graphics, and database management systems, computer concepts and information processing.
Students who have completed BA 6000 or CIS 1100 or CP 500 or CP 1000 or TEC 2500 will not receive credit for this course.
Prerequisite(s): Exempt from or completion of developmental courses in Reading and Writing and (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficiency per CUNY guidelines.
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

CP 2100 - C++ Programming 1

4 Credit(s) Hours: *4 hrs.*
Introduction to programming in the C++ language including: variables, definitions, pointers, functions, loops, arrays, screen handling, and interfaces to UNIX and other languages.
Students who have completed CS 1200 will not receive credit for this course.
Prerequisite(s): CP 500
Department: Mathematics and Computer Science

CP 2200 - C++ Programming 2

4 Credit(s) Hours: *4 hrs.*
Covers advanced aspects of the C++ language, including pointers, compile and run-time storage allocation, data structures such as linked lists, sorting, searching and recursion.
Students who have completed CS 13A0 will not receive credit for this course.
Prerequisite(s): CP 2100
Department: Mathematics and Computer Science

CP 3100 - Visual Basic 1

4 Credit(s) Hours: *4 hrs.*
Computer programming using the language VISUAL BASIC. Covers the production of a graphical user interface and writing code to make use of it. Participants will create applications that make use of file and data management techniques.
Prerequisite(s): MAT 900
Department: Mathematics and Computer Science

CP 3300 - Visual Basic 2

4 Credit(s) Hours: *4 hrs.*
The second semester of VISUAL BASIC introduces advanced topics, including arrays, files, database access, advanced data handling, drag and drop techniques, graphics and ActiveX controls.
Prerequisite(s): CP 3100
Department: Mathematics and Computer Science

CP 6100 - Java Programming 1

4 Credit(s) Hours: *4 hrs.*
An introduction to the Java programming language, including algorithms, data representation, debugging and verification of programs and object-oriented programming concepts.
Prerequisite(s): (1) Successful completion of the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math; **or** (2) A passing score on both the Pre-Algebra and Elementary Algebra portion of the CUNY Mathematics Skills Test (COMPASS); **or** (3) Successful completion of both the Pre-Algebra and Elementary Algebra CUNY Mathematics remediation **and** one course in a programming language
Department: Mathematics and Computer Science

CP 6200 - Java Programming 2

4 Credit(s) Hours: *4 hrs.*
Second course in JAVA programming with an emphasis on Object-Oriented Programming (OOP), advanced programming concepts (Data Structures, Recursion), JAVA Graphics (advanced applet design) and additional selected topics.
Prerequisite(s): CP 6100 or CP 500
Department: Mathematics and Computer Science

CP 6600 - Computer Graphics and Design

4 Credit(s) Hours: *4 hrs.*
The concepts and structures of modern computer graphics and computer-aided design. Applications for presentation and business graphics, computer-aided design and drafting, engineering graphics. Hands-on experience with computers for programming practice and assignments.
Prerequisite(s): CP 500
Department: Mathematics and Computer Science

CP 7100 - Programming in Unix/Linux

5 Credit(s) Hours: *5 hrs.*
Introduction to the UNIX operating system and to programming using its functions and subprograms including: file structures, directories, security, utility programs, pointers, functions, screen handling with term cap definitions and interfaces to languages and databases.
Prerequisite(s): CIS 1200 and CIS 3100
Department: Mathematics and Computer Science

Computer Science

CS 13A0 - Advanced Programming Techniques

4 Credit(s) Hours: *4 hrs.*
A second course in programming designed to introduce advanced techniques. Program reliability, maintainability, and reusability are emphasized. Topics include: Module design and multifile programs, file organizations, indexing and processing, abstract data types and storage classes, addresses, pointers, and dynamic storage allocation, program testing and debugging, and recursion and function parameters. Students who have completed CP 2200 will not receive credit for this course.
Prerequisite(s): CS 1200 with grade of "C+" or higher
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

CS 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of computer science is developed individually between student and faculty member and must be approved by the Department.
Department: Mathematics and Computer Science

CS 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Mathematics and Computer Science

CS 1200 - Introduction to Computing

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Algorithms, programs, data representation, debugging and verification of programs. Numeric and non-numeric programming applications include searching and sorting algorithms, function and procedures, and number theory problems.
Students who completed CP 2100 will not receive credit for this course.
Prerequisite(s)/Corequisite(s): MAT 1400
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

CS 1400 - Computer Organization and Assembly Language Programming

4 Credit(s) Hours: *5 hrs.*
Computer structure, machine language and assembly language programming. Digital representation of data, addressing techniques, macro, and machine and assembly instruction sets. Emphasis on computing techniques for numerical applications is supplemented by several computer projects.
Prerequisite(s): CS 1200 with a grade of "C+" or higher
Department: Mathematics and Computer Science

CS 3500 - Discrete Structures

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Topics in Discrete Mathematics, including propositional logic, predicates and quantifiers, proof methods, sets, functions, sequences and sums, divisibility and modular arithmetic, basic combinatorics, zero-one matrices, relations, Euler and Hamilton paths and circuits, shortest path problems, trees, and Boolean functions.
Prerequisite(s): CS 1200 with a grade of "C" or better **and** MAT 1500 with a grade of "C" or better
Department: Mathematics and Computer Science

CS 3700 - Data Structures

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Introduction to data structures. Topics include: structures, arrays, stream files, stacks, recursive processes, recursive procedures and elementary simulation techniques. By the end of this course, the third in a sequence of C++ programming courses, students have learned all the topics covered by the C++ Certified Associate Programmer Certification (CPA) exam.
Prerequisite(s): CS 13A0 with a grade of "C" or higher
Department: Mathematics and Computer Science

Criminal Justice

CRJ 6300 - Introduction to Criminal Justice

3 Credit(s) Hours: *3 hrs.*
Introduction to the criminal justice system in the United States, includes study of crime and the three elements which comprise the criminal justice system: police, courts, and corrections. Attention is given to civil liberties issues which involve the procedural due process rights of persons accused of crime.
Previously listed as POL 6300.
Department: Behavioral Sciences

CRJ 6400 - Crime and Punishment

3 Credit(s) Hours: *3 hrs.*
Focus will be on "Crime" and on "Punishment," the two major aspects of the criminal justice system. Course will consider the three sections: The Institution of Punishment, Crime and Criminals, and Controlling Crime through Punishment.
Previously listed as POL 6400.
Prerequisite(s): CRJ 6300
Department: Behavioral Sciences

CRJ 6600 - Constitutional Law

3 Credit(s) Hours: *3 hrs.*
Designed for, but not limited to, students interested in a pre-law curriculum. United States Supreme Court decisions and opinions in several major areas of constitutional law will be studied.
Previously listed as POL 6600.
Prerequisite(s): CRJ 6300 and POL 5100
Department: Behavioral Sciences

CRJ 6700 - The United States Judiciary

3 Credit(s) Hours: *3 hrs.*
A study of the nature of the judicial process: precedent and legal reasoning; decision making; the basis of criminal and civil lawsuits; the role of the lawyer, the judge and the public; the organization of state and federal courts; the Supreme Court; democracy and judicial review.
Previously listed as POL 6700.
Prerequisite(s): CRJ 6300 and POL 5100
Department: Behavioral Sciences

CRJ 6800 - Women and the Criminal Justice System

3 Credit(s) Hours: *3 hrs.*
Women and their involvement in the various aspects of crime. The motivations, roles, and concerns of women who are living in institutions and correctional facilities, and women who have become criminal justice professionals.
Previously listed as POL 6800.
Department: Behavioral Sciences

CRJ 6900 - Policing

3 Credit(s) Hours: *3 hrs.*
A study of policing in America. Historical development, selection and training, police culture, organization and administration, patrol, criminal investigation, ethics and corruption, civilian review board, women and minorities in policing, and challenges for the future are covered.
Prerequisite(s): CRJ 6300
Department: Behavioral Sciences

CRJ 7000 - Corrections and Sentencing

3 Credit(s) Hours: *3 hrs.*
The policies and practices of the criminal justice system following the offender's arrest and conviction for a crime. The history of corrections is reviewed, and the functions of agencies that provide correctional services are covered-- jails, probation, prisons, parole and intermediate sanctions. The course also considers important controversies and major trends in contemporary correctional practice.
Prerequisite(s): CRJ 6300
Department: Behavioral Sciences

CRJ 7200 - Minorities and the Criminal Justice System

3 Credit(s) Hours: *3 hrs.*
The influence of culture, race and ethnicity on minorities as victims, suspects, criminals and practitioners. The major focus will be cross-cultural contact and the need for an understanding of cultural differences and respect for those of different backgrounds. The interaction between minorities, the courts, corrections, and police will be evaluated in the context of multicultural criminal justice. Additional time devoted to a Civic Engagement experience is required.
Previously listed as POL 7200.
Prerequisite(s): CRJ 6300 and SOC 3100
Department: Behavioral Sciences

CRJ 7500 - Fieldwork in Public Service

3 Credit(s) Hours: *6 hrs. lab/field*
Fieldwork provides students with an excellent opportunity to gain academic credit and hands-on work experience. Drawing from concepts, theories, and methods of Criminal Justice, Law and Police Studies students have learned in the classroom, internships give students a chance to participate and observe a workplace setting where they can gain invaluable knowledge, skills and experiences while exploring future career options, building one's resume, developing networks, and meeting prospective employers. This course has two components that must be fulfilled – successful completion of 72 hours (6 hours a week for 12 weeks) at a placement site and completion of the academic portion of the course which includes 15 hours of class time. Students will have a variety reading and writing assignments for the academic portion of the course. Students wishing to obtain an internship must contact their advisor.
Prerequisite(s): ENG 2400, CRJ 6300, **and** SOC 3100
Department: Behavioral Sciences

Culinary Arts

CA 990 - Culinary Concepts

3 Credit(s) Hours: *3 hrs.*
An introduction to core culinary concepts, which include standardized recipes, recipe conversions, kitchen weights and measures, yield percentage, and food costing. This course covers how these foundational skills influence both the finished product and more complex restaurant operations, including menu development, purchasing, and cost control.
Corequisite(s): CA7100
Department: Tourism and Hospitality

CA 100 - Culinary Arts I: Fundamental Skills

3 Credit(s) Hours: *5 hrs.*
Designed to provide students with a strong technical foundation in the basic practices of professional food preparation. Introduction to culinary terminology, techniques, and culinary skills. Fundamentals covered include proper knife handling, product and equipment identification, basic knife cuts, stocks, sauces, and soup production. Professionalism, timing, organization, and food safety and sanitation principles are emphasized.
Corequisite(s): CA 7100, CA 990, **and** CA 1100
Department: Tourism and Hospitality

CA 200 - Culinary Arts II: Techniques and Theory

3 Credit(s) Hours: *5 hrs.*
Development and application of intermediate cooking methods, terminology, and theories. Introduction to the major dry and moist heat cooking techniques. Survey of major food groups and categories including vegetables, potatoes, meats, seafood, poultry, pasta, noodles, beans, legumes, rice and grains. The proper use of seasoning, frequent tasting, and the continuation of timing, organization, and food safety and sanitation principles are further emphasized. Plate presentation, service, and production in a commercial kitchen are introduced.
Prerequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 300 - Culinary Arts III: Breakfast, Pantry, and Garde Manger

3 Credit(s) Hours: *5 hrs.*
Introduction to cooking terminology, techniques, and theories of breakfast and the cold kitchen. Areas of study include egg cookery, breakfast preparations, salads, sandwiches, appetizers, canapés, and hors d'oeuvres. Students will experience short order cooking through breakfast cookery. Charcuterie is explored through sausage making and pâtés. Students will gain experience with buffet planning, execution, and presentation.
Prerequisite(s): CA 100 and CA 200
Department: Tourism and Hospitality

CA 400 - Culinary Arts IV: Advanced Skills and Production

3 Credit(s) Hours: *5 hrs. (1 hrs. lecture, 4 hrs. lab)*
Exploration of advanced culinary techniques, skills, methods and preparations. High volume production, advanced butchery, meat fabrication, classical specialty techniques, modernist cooking, and molecular cuisine are covered. Culinary creativity is explored through recipe and menu formulation, sensory analysis, palate development, plate presentation, and improvisational cooking. Special diets and seasonality are addressed.
Prerequisite(s): CA 200
Prerequisite(s)/Corequisite(s): CA 300
Department: Tourism and Hospitality

CA 1100 - Baking I: Baking and Pastry Fundamentals

3 Credit(s) Hours: *5 hrs.*
An introduction to essential baking and pastry terminology, techniques, and skills. Fundamentals covered include bake shop equipment and product identification, recipe scaling and measuring. Techniques for the high-quality production of quick breads, yeast breads, cookies, custards, choux pastry, basic cakes, pies and tarts are covered.
Corequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 1200 - Baking II: Techniques and Theory

3 Credit(s) Hours: *5 hrs.*
Continuation of baking and pastry making and the introduction of more advanced techniques and skills. This course covers and produces: fruit desserts, advanced cookies, advanced cakes, tortes, artisan-style yeast breads, laminated and enriched doughs including doughnuts, puff pastry, Danishes, and croissants. Proper technique, product quality, and skills in critiquing taste, texture, and appearance, finished products suited for buffet or ala carte service with appropriate garniture, sauces, and presentation, the professional pastry kitchen and volume production are covered.
Prerequisite(s): CA 7100, CA 990, CA 100, **and** CA 1100
Department: Tourism and Hospitality

CA 1300 - Contemporary Dessert Plating

3 Credit(s) Hours: *5 hrs./1 lecture and 4 hrs. laboratory*
The course continues the study of baking and pastry arts, launching students into advanced techniques necessary to gain entry-level employment in a pastry kitchen. Through the preparation of classic and contemporary products, students will gain advanced skill in station set-up, production techniques, sauces, plating techniques, garniture, and centerpiece design and execution necessary for buffet, banquet, and a la carte service.
Prerequisite(s): CA 1100 and CA 1200
Department: Tourism and Hospitality

CA 1400 - Artisan Bread Baking

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hours lab/field)*
This course offers an introduction to basic and advanced bakeshop techniques that include: pre-ferments and liquid starter preparation and maintenance, steps of dough-making and shaping, and the baking of breads from a variety of flours and grains.
Prerequisite(s): CA 7100, CA 990, CA 100, **and** CA 1100
Department: Tourism and Hospitality

CA 1500 - Professional Cake Decorating

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab/field)*
This course offers an introduction to different techniques of cake decorating. They will learn how to bake, fill and ice a cake using a variety of specialty frostings. Basic and advanced piping techniques, royal icing flowers, brush embroidery, color flow, extension work, lace, marzipan and chocolate modeling skills, classical drapery, gumpaste flowers and more. A wedding cake workshop will provide students with the basic concepts for operating a cake business such as pricing, customer consultation, cake portions and design.
Prerequisite(s): CA 1100 **and** CA 1200
Department: Tourism and Hospitality

CA 1600 - Chocolate and Sugar Confections

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab/field)*
This course is designed to introduce students to sugar and chocolate techniques. Students will be exposed to pastillage, poured sugar, casting sugar, pulled sugar and blow sugar to create showpieces emphasizing creative thinking, design, construction and planning. Students will learn basic principles involved in tempering chocolate, chocolate sculptures and other confections. Students will use both traditional and contemporary production methods in creating confections by hand with special equipment.
Prerequisite(s): CA 7100, CA 990, CA 100, **and** CA 1100
Department: Tourism and Hospitality

CA 1700 - Baking III: Advanced Skills

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab/field)*
This course elevates and challenges students' pastry skills through an exploration of advanced and modern pastry techniques and global influences shaping the pastry industry. Students will also explore baking for special diets, frozen desserts, contemporary cakes, modern tarts and savory baking. Students will also produce petit gateaux and petit-fours focusing on structure, ingredients and visual presentation. Emphasis is placed on professional production standards, flavor balance, artistic expression, finishing techniques and sustainable baking practices
Prerequisite(s): CA 1100 **and** CA 1200
Department: Tourism and Hospitality

CA 2100 - Food Safety and Sanitation Certification

1 Credit(s) Hours: *2 hrs.*
Practices for serving safe food and maintaining a sanitary kitchen environment. Topics include preventing food-borne illnesses, food microbes, food allergens, contamination, worker hygiene, the flow of food from purchasing and receiving through production and service, food safety management systems, maintaining sanitary facilities and integrated pest management. Preparation for industry certification from the National Restaurant Association and the New York City Foodhandler examination from the NYC Department of Health and Mental Hygiene.
Department: Tourism and Hospitality

CA 4300 - Catering and Quality Food Production

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Introduction to the basic skills and principles required for planning, executing, and managing catered events. Menu planning, food production, event logistics, and various styles of catered events are discussed. Focus is placed on the techniques, principles, and practices of preparing and presenting food within a large-scale food service operation.
Previously listed as TAH 3400
Prerequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 5000 - Menu Planning and Cost Control

3 Credit(s) Hours: *3 hrs.*
The application of tools to manage and control food, labor, and operational costs in a food service establishment. Students learn the fundamentals of the purchasing cycle, including proper procurement, receiving, production, and issuing practices. Emphasis is placed on understanding and controlling costs through forecasting, inventory controls, accurate food and labor costing. Menu planning, pricing, costing and menu mix concepts are covered.
Prerequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies link.
Department: Tourism and Hospitality

CA 6000 - Beverage Management

3 Credit(s) Hours: *3 hrs.*
Introduction to managing and serving wine, beer, spirits, and non-alcoholic libations and their role in the food service industry. This course examines the historical, geographical, cultural, and profitable roles beverages play. Terminology and theories of pairing beverages with food, production, purchasing, receiving, storing, and regulation are explored. Through sensory analysis, students have the opportunity to explore, discuss, and evaluate various wine, beer, spirit, and non-alcoholic beverages.
Prerequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 7000 - Industry Exploration and Entrepreneurship

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. lab/field)*
This course allows students with advanced culinary skills the opportunity to learn the art and science of managing culinary innovation and entrepreneurship. The learner is directly involved in planning, organizing and the implementation of culinary presentation skills, which highlight innovation and global influences
Prerequisite(s): Open only to Culinary Arts Majors. CA 100
Department: Tourism and Hospitality

CA 7100 - Introduction to Food Service Operations and Sanitation

3 Credit(s) Hours: *3 hrs.*
An introduction to the various components of the professional food service industry. Subjects will include history, industry segments, trends, operations, management tools, menus, and career opportunities as they relate to the food service industry. The course also focuses on practices for serving safe food and maintaining a sanitary kitchen environment. Students will prepare for the ServSafe Food Handler certification from the National Restaurant Association and the New York City Food Handler's certification examination from the NYC Department of Health and Mental Hygiene.
Previously listed as TAH 7100
Corequisite(s): CA 990
Department: Tourism and Hospitality

CA 7200 - Restaurant Kitchen Operations and Management

3 Credit(s) Hours: *5 hrs.*
An introduction to back of the house restaurant concepts and kitchen operations. Students will learn in our on-campus restaurant by working various kitchen stations. Emphasis is placed on proper food handling and serving techniques and food preparation. Students will gain practical experience in developing a sense of urgency and timing in a restaurant kitchen, plating, and teamwork
NOTE: Not open to students who have completed TAH 7200.
Prerequisite(s): CA 100 **and** CA 200
Department: Tourism and Hospitality

CA 7400 - Restaurant Management and Dining Room Operations

3 Credit(s) Hours: *5 hrs.*
An introduction to front of the house concepts and dining room operations. Students will learn in our on-campus restaurant by working various dining room positions. Emphasis is placed on the importance of interacting with guests, teamwork, communication, and organization. Students will gain practical experience in proper table service, serving techniques, customer service, and styles of service
NOTE: Not open to students who have completed TAH 7400.
Prerequisite(s): CA 7100, CA 990, **and** CA 100
Department: Tourism and Hospitality

CA 9000 - Global Cuisines

3 Credit(s) Hours: *5 hrs.*
This multicultural course provides an introductory examination of the global flavor principles, ingredients, and cooking styles from a variety of regional, national, and international cuisines. Students will become familiar with the food history, traditional ingredients, flavor principles, culinary techniques, and signature dishes that are indigenous to each region covered.
Prerequisite(s): CA 100 **and** CA 200
Department: Tourism and Hospitality

CA 9200 - Internship in Culinary Arts

3 Credit(s) Hours: *9 hrs.*
Integration of theory and practice where students complete on-the-job, supervised field experience in a professional food service environment. This course allows students industry-specific career development, industry exploration, career planning skills, and the preparation of a professional portfolio.
Prerequisite(s): CA 100 and CA 200 or CA 1200
Department: Tourism and Hospitality

English Composition - Corequisite Course

ENG 12A0 - Composition I ALP

3 Credit(s) + 1 Equated Credit(s) Hours: *6 hrs. (2 hrs. lecture, 4 hrs. lab)*
An introductory course in critical reading and writing emphasizing the development and communication of ideas in written form and a basic rhetorical understanding of how language communicates facts, ideas, and attitudes. Students apply basic rhetorical concepts in reading and composing texts in several genres; compose texts that integrate the writer's ideas with those from other texts, including research materials; and develop writing projects through drafting, reviewing, collaborating, revising, rewriting, rereading, and editing.

This course includes an Accelerated Learning Program (ALP) component, which provides the academic supports that were typically found in the standalone developmental course. For students who are eligible for a corequisite course per the CUNY English Proficiency Index guidelines.
Equivalent to ENG 1200 Composition I
Prerequisite(s): This course is open to the ALP Student Group. Eligibility is determined as follows: (1) Score of 50-55 on the CATW AND a Passing score on the CUNY Assessment Test in Reading, **or** (2) Passing grade in ENG 93A9, **or** (3) Instructor approval AND Passing grade in ESL 102 or ESL 91A7, **or** (4) Grade of "S" or "R" in UIP ENGRW, **or** (5) CUNY Proficiency Index score of 64 or below.
Required Core: Required Core: English Composition
Department: English

English Composition

ENG 1200 - Composition I

3 Credit(s) Hours: *4 hrs.*
An introductory course in critical reading and writing emphasizing the development and communication of ideas in written form and a basic rhetorical understanding of how language communicates facts, ideas, and attitudes. Students apply basic rhetorical concepts in reading and composing texts in several genres; compose texts that integrate the writer's ideas with those from other texts, including research materials; and develop writing projects through drafting, reviewing, collaborating, revising, rewriting, rereading, and editing.
Prerequisite(s): Eligibility is determined as follows: (1) CUNY Proficiency Index score of 65 or higher; **or** (2) instructor placement from ESL coursework or placement via the ELSDA, **or** (3) Q exemption for English, **or** (4) passing grade in ENG 93A9, **or** (5) grade of P in UIP ENGRW, **or** (6) passing grade in CUNY Start, **or** (7) score of 55 or higher on the CATW and passing score on the CUNY assessment test in reading.
Required Core: English Composition
Department: English

ENG 2400 - Composition II

3 Credit(s) Hours: *4 hrs.*
The course extends the work of Composition I, requiring students to apply rhetorical concepts as they read and compose texts in both academic and public genres. Students engage in primary and secondary research in order to develop writing projects that integrate their own ideas, observations, and material from relevant textual sources. Through these projects, students continue to develop their understanding of effective written communication and the various processes involved in research-based writing.
Prerequisite(s): ENG 1200
Required Core: English Composition
Department: English

English - Literature and Writing

ENG 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of English is developed individually between student and faculty member and must be approved by the Department.
Department: English

ENG 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: English

ENG 3000 - Introduction to Literature

3 Credit(s) Hours: *3 hrs.*
Close reading of texts in a range of forms, including poetry, fiction, and drama, providing an introduction to the methods and tools of literary studies.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 3100 - Classical and Biblical Literature

3 Credit(s) Hours: *3 hrs.*
Introduction to ancient works that have inspired and influenced world literature, including works of Greek and Roman authors, and selections from the Hebrew Bible and the New Testament. Texts are read in English translation.
Prerequisite(s): ENG 1200
Department: English

ENG 3200 - World Literature

3 Credit(s) Hours: *3 hrs.*
The diverse body of literature written by authors around the globe, including works written in the twentieth and twenty-first centuries from the Far East and Africa as well as from Europe and the Americas.
Prerequisite(s): ENG 1200
Flexible Core: World Cultures and Global Issues (Group A)
Department: English

ENG 3300 - Introduction to Literary Studies

3 Credit(s) Hours: *3 hrs.*
Teaches students methods for analyzing, interpreting and writing about literature, including schools of thought such as psychoanalytic, new historic, and race, class, and gender perspectives. Students demonstrate proficiency in interpretation and critique, employing terms, tools and concepts of literary critic, and identifying assumptions informing analysis of poetry, drama, fiction, film, etc. The course looks at critical history reviews, foundations from the 19th and 20th centuries, and surveys the critical approaches important today. Students enrich their skills as scholastic writers by applying learned methodologies to close reading of literary texts.
Prerequisite(s): ENG 1200
Department: English

ENG 3500 - Modern European Literature

3 Credit(s) Hours: *3 hrs.*
An introduction to and survey of the great works of European literature in English translation, including poems, plays, and fiction.
Prerequisite(s): ENG 1200
Department: English

ENG 4000 - Short Fiction

3 Credit(s) Hours: *3 hrs.*
Great short works of fiction, by authors representing different cultures and eras, with an emphasis on what makes the short story a distinctive literary form.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 4200 - Poetry

3 Credit(s) Hours: *3 hrs.*
An introduction to the study of poetry, in a range of styles and from various historical periods and cultures, including the spoken word performances and electronic poetry of the present day.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 4300 - Drama

3 Credit(s) Hours: *3 hrs.*
Plays by a range of contemporary and classic dramatists, with attention to such literary elements as dramatic form, character, and action.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 4800 - American Environmental Literature

3 Credit(s) Hours: *3 hrs.*
A survey of American nature writing and environmental literature from its roots in the colonial era through its flowering in the twentieth century. Examples of reading include Thoreau's Walden, Aldo Leopold's Sand County Almanac, and Rachel Carson's Silent Song and a representative range of shorter works from four centuries to explore the evolution of ideas about nature. Selections include natural histories, travelogues, journals and diaries, essays, poetry, and short stories.
Prerequisite(s): ENG 1200
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: English

ENG 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in the Integrative Studies Link.
Department: English

ENG 5100 - Writing for Technical Fields

3 Credit(s) Hours: *3 hrs.*
Writing for Technical Fields helps students learn the composing processes and genres of technical writing. The course emphasizes rhetorical awareness, ethical communication, problem solving, and research skills essential for success in technical workplaces and academic settings. It is designed for students interested in fields such as healthcare, finance, government, and product development and other fields in which technical writing and communication skills are vital. Students will write clear, purposeful, and audience-focused documents in various technical and workplace genres, including technical descriptions, instruction manuals, and recommendation or feasibility reports.
Prerequisite(s): ENG 12A0 or ENG 1200
Department: English

ENG 5200 - Writing for Public Advocacy

3 Credit(s) Hours: *3 hrs.*
This course offers students study in examining and crafting writing for public advocacy. Students identify the rhetorical situations of community-based writing and learn how to produce texts and documents in the interest of effecting local social change. Equal attention is paid to the craft of analyzing and developing organizational and advocacy documents used by nonprofits and community groups such as: mission statements, grant proposals, and social media organizing and outreach materials.
Prerequisite(s): ENG 12A0 or ENG 1200
Flexible Core: Individual and Society (Group D)
Department: English

ENG 5300 - Introduction to Professional Writing

3 Credit(s) Hours: *3 hrs.*
Introduction to Professional Writing focuses on teaching students how to respond to rhetorical situations in the professional world. Students will strategize how to communicate rhetorically with diverse audiences across a variety of workplace and professional settings. Students will produce work by analyzing audiences and genres, researching solutions to communication problems, and composing both individually and in collaborative teams. This course emphasizes the preparation of documents in many genres, including emails, white papers, proposals, memos, and presentations.
Prerequisite(s): ENG 1200 or ENG 12A0
Note: Not Open to Business Administration Majors
Department: English

ENG 5500 - Cultural/Linguistic Aspects of Teaching Language

3 Credit(s) Hours: *3 hrs.*
Prepares students for work as tutors in the Writing Center, emphasizing various aspects of the English language and the cultural awareness needed for effective tutoring.
Prerequisite(s): ENG 1200
Department: English

ENG 5600 - Creative Writing: Fiction

3 Credit(s) Hours: *3 hrs.*
Instruction and practice in the forms and types of fiction. Analysis of peer writing on a workshop basis, assists students develop mastery of the form of fiction best suited for them.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 5700 - Creative Writing: Poetry

3 Credit(s) Hours: *3 hrs.*
Practice in the art and craft of writing poetry. Includes extensive reading in poetry, from traditional to experimental. Classes will be both workshop and discussion-based.
Prerequisite(s): ENG 1200
Flexible Core: Flexible Core: Creative Expression (Group C)
Department: English

ENG 5800 - Creative Writing: Non-Fiction

3 Credit(s) Hours: *3 hrs.*
Instruction and practice in the art of writing non-fiction, including autobiography and memoir, cultural memoir and critique, nature, travel, community writing, and literary journalism.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 5900 - Introduction to Creative Writing

3 Credit(s) Hours: *3*
Introduction to the writing of fiction, nonfiction, and poetry, in which students explore literary form and the writing process. Students will write, revise, and share their work with other members of the class, and read and analyze selected works by contemporary authors.
Prerequisite(s): ENG 1200
Flexible Core: Flexible Core: Creative Expression (Group C)
Department: English

ENG 6000 - Creative Writing: Screenwriting

3 Credit(s) Hours: *3 hrs.*
Instruction and practice in the art of writing screenplays and scripts, along with study of works of screenplays as examples and models. Analysis of peer writing in a workshop format.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 6100 - Digital Storytelling

3 Credit(s) Hours: *3 hrs.*
In Digital Storytelling, students will explore and experiment with the multifaceted practice of intersecting digital media with the art of storytelling. Students in this course will learn about the history and social uses of digital storytelling while also considering the formal and philosophical elements of what makes a work a "story." Through analysis and experimentation with digital tools, this course teaches students to consider the exigencies, ethics, and impacts of digital storytelling as, ultimately, a social practice. Students will create a portfolio of work by the end of the semester that showcases storytelling with diverse digital platforms, including interactive story maps, linear and non-linear timelines, audio stories, and works that weave together image, text, and sound.
Prerequisite(s): ENG 12A0 or ENG 1200
Flexible Core: Flexible Core: Creative Expression (Group C)
Department: English

ENG 6200 - Writing for Digital Spaces
3 Credit(s) Hours: *3 hrs.*
Writing for Digital Spaces offers students intensive study of and practice in composing beyond print. The course focuses on widely applicable considerations in written communication while centering those specific to composition and publication in digital environments. Students will learn principles of public-facing online communication by studying and producing several forms of digital writing across a variety of genres and spaces. This course includes the opportunity for students to develop a professional website portfolio showcasing their digital writing artifacts and learning.
Prerequisite(s): ENG 12A0 or ENG 1200
Department: English

ENG 6300 - Shakespeare

3 Credit(s) Hours: *3 hrs.*
This course provides students with an introduction to Shakespeare, including plays and sonnets. Students pay close attention to language and meaning in Shakespeare's texts, analyze the readings in historical context, and consider what makes these works extraordinary.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 6500 - Literature and Film

3 Credit(s) Hours: *3 hrs.*
How literature is interrelated with film, explored through analysis of fictional works and their film treatments.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: English

ENG 6600 - Literature and Psychology

3 Credit(s) Hours: *3 hrs.*
Imaginative literature as a source of insight into human psychology. Works include classics of world literature in a range of genres.
Prerequisite(s): ENG 1200
Department: English

ENG 6700 - Women Writers

3 Credit(s) Hours: *3 hrs.*
This course explores selected themes by women authors drawn from worldwide literature in a range of genres, such as fiction, drama, poetry, and memoir, and includes consideration of how gender intersects with race, ethnicity, sexuality, and/or class to shape women's writing.
Prerequisite(s): ENG 1200
Flexible Core: Individual and Society (Group D)
Department: English

ENG 6800 - Gothic and Horror Fiction

3 Credit(s) Hours: *3 hrs.*
This course explores the rich and varied traditions of gothic and horror literature, tracing their evolution from the 18th century to contemporary works. Students will engage with key themes such as the supernatural, the uncanny, the monstrous, and the psychological depths of fear and desire. Major topics include the exploration of identity and the self, the fragility of human reason, the horrors of isolation, and the intersection of gothic aesthetics with societal anxieties about race, gender, and power.
Prerequisite(s): ENG 1200
Flexible Core: Individual and Society (Group D)
Department: English

ENG 6900 - Caribbean Literature

3 Credit(s) Hours: *3 hrs.*
This course examines the experience of Caribbean peoples in literary works from colonialism to the present day. By reading a range of Caribbean writers, including Aimé Césaire, Derek Walcott, Edwidge Danticat, Frantz Fanon, George Lamming, Jamaica Kincaid, Jean Rhys, Junot Diaz, Mahadai Das, and Merle Hodge, students will consider how Caribbean people have negotiated issues of identity and self, racial dynamics, what it means to be "Afro-Caribbean," nationalism, gender, politics, creolization, carnival culture, class conflict, and globalization.
Prerequisite(s): ENG 12A0 or ENG 1200
Flexible Core: World Cultures and Global Issues (Group A)
Department: English

ENG 7000 - Queer Literature

3 Credit(s) Hours: *3 hrs.*
An introduction to the study of literature with a focus on sexuality and gender. Students will explore the relationships between these works and the larger historical, philosophical, political, and cultural contexts. The analysis of Queer literature will include discussion of local and global intersections among identity categories like race, class, ethnicity, nationality, and ability
Prerequisite(s): ENG 1200
Flexible Core: Individual and Society (Group D)
Department: English

ENG 7100 - Exploring Food Studies: Literature & Rhetoric

3 Credit(s) Hours: *3 hrs.*
This course explores food as a broad historical category through literary and rhetorical/journalistic texts, applying methodologies of Food Studies, the academic discipline analyzing systems through which food is produced, distributed, purchased, and consumed, the history of food, food as a critical aspect of cultural and individual identities, and food systems and structures. Literary and rhetorical texts will focus on themes of Health, Ethics, and Politics. Students will learn to recognize significant aspects of literary and rhetorical forms including the novel, short stories, poetry, creative nonfiction, journalism, essays, and visual media.
Prerequisite(s): ENG 1200
Department: English

ENG 7300 - Themes in American Literature I: Beginnings to 1865

3 Credit(s) Hours: *3 hrs.*
A survey of American literature and literary history from early America through the Civil War, focusing on the historical, philosophical, religious and literary forces that shaped American life.
Prerequisite(s): ENG 1200
Department: English

ENG 7400 - Themes in American Literature II: 1865 to Present

3 Credit(s) Hours: *3 hrs.*
A survey of American literature and literary history from the late 19th century to the present, examining works that depict urbanization, immigration, class conflict, and social change.
Prerequisite(s): ENG 1200
Department: English

ENG 7600 - Violence in American Literature and Visual Culture

3 Credit(s) Hours: *3 hrs.*
The course explores the ways in which violence permeates and shapes people's different experiences in the United States. Students will examine different forms of violence, from war and terrorism, to crime and domestic violence, as they appear in post-1945 American literature, film, and photography. Students will also explore related issues such as punishment and justice. Students will discuss, analyze, and compare the different texts and their relevance to one's daily life.
Prerequisite(s): ENG 1200
Department: English

ENG 7700 - African-American Literature: Beginnings to the Harlem Renaissance

3 Credit(s) Hours: *3 hrs.*
An overview of early African-American literature from the slavery era to the Harlem Renaissance. Genres such as oral and slave narratives, poetry, fiction and nonfiction will be covered.
Prerequisite(s): ENG 1200
Flexible Core: U.S. Experience in its Diversity (Group B)
Department: English

ENG 7800 - African-American Literature: Great Depression to Present

3 Credit(s) Hours: *3 hrs.*
This course explores the rich and evolving tradition of African American literature from the Great Depression to the contemporary era. Focusing on the works of key writers and poets, we will examine themes, such as racial identity, social justice, migration, gender, sexuality, and the complexities of African American life across various historical moments.
Prerequisite(s): ENG 1200
Flexible Core: U.S. Experience in its Diversity (Group B)
Department: English

Developmental English

ENG R00 - Preparation for CUNY Reading Test

0 Credit(s) 2 Equated Credit(s) Hours: *2*
A pre-freshman intervention focused on helping students sustain close attention to brief texts, draw distinctions among different question types, and become familiar with the computer-adaptive testing modality to meet these stated learning goals and pass the CUNY Reading exam.
Prerequisite(s): ENG 92A6 **or** ENG 88A6 **or** ENG 400.
Department: English

ENG W00 - Preparation for CUNY Writing Test

0 Credit(s) 2 Equated Credit(s) Hours: *2*
A pre-freshman intervention focused on helping students improve their writing and thinking proficiencies to meet these goals and pass the CUNY Writing exam. Activities and assignments include writing summaries, identifying and responding to key ideas in a clear and organized manner, demonstrating competence in sentence construction, variety, and word choice.
Prerequisite(s): ENG 93A9
Department: English

ENG 88A6 - Intensive Reading

0 Credit(s) 4 Equated Credit(s) Hours: *4 hrs.*
A pre-freshman course offered in the summer and winter modules for students who have not succeeded in any English Department and CUNY measure at the conclusion of the fall and/or spring ENG 92A6 course. Offered during summer and winter, this six-week course focuses on the development of critical reading and thinking abilities through instruction and intensive practice in vocabulary and comprehension. Students read and analyze interdisciplinary materials in preparation for required readings in typical college courses. At the end of this course, students will retake the English Department and CUNY reading measures.
Prerequisite(s): Open to students who complete ENG 92A6 in the fall or spring and do not pass
Department: English

ENG 91A5 - Developing Fluency in Reading and Writing

0 Credit(s) 6 Equated Credit(s) Hours: *6 hrs.*
A pre-freshman integrated reading and writing course for students who score a 47 and below on the CATW and receive any reading score on the CUNY ACT Reading. Students in ENG 91A5 will build fluency in both reading and writing and critical thinking. Fluency refers to the ability to understand reading assignments and to write comprehensible essays. The primary focus of ENG 91A5 is the development of fluent expression and comprehension. To that end, students will do a significant quantity of reading and writing. These reading and writing activities ask students to focus on the construction of meaning as they build fluency.
Department: English

ENG 92A6 - Developing Competence in Reading and Writing

0 Credit(s) 6 Equated Credit(s) Hours: *6 hrs.*
A pre-freshman course focused on the development of critical reading, writing, and thinking abilities necessary for success in college-level courses. Also emphasized is the use of writing to develop ideas in relation to rich and complex texts.
Prerequisite(s): Failed the CUNY Skills Assessment test in Reading with a 54 or below **or** Failed the CUNY Assessment Test in Writing with a 47 or below.
Department: English

ENG 93A9 - Developing Competence in Writing

0 Credit(s) 4 Equated Credit(s) Hours: *4 hrs.*
A pre-freshman writing course focused on the development of critical reading, writing, and thinking abilities necessary for success in college-level courses and the professions. College-level reading selections in a number of academic areas provide rigorous practice with the drafting process. Writing is used in order to develop ideas in relation to readings.
Prerequisite(s): Failed the CUNY Skills Assessment test in Writing with a score of 48-50 **and** passed the CUNY Skills Assessment test in Reading
Department: English

ENG 400 - Analytical Reading

0 Credit(s) 3 Equated Credit(s) Hours: *3 hrs.*
A pre-freshman course focused on the development of critical reading, writing, and thinking abilities through instruction and intensive practice in vocabulary and comprehension. Students will read and analyze interdisciplinary materials in preparation for required readings in typical college courses.
Prerequisite(s): A passing score of 56 or above on the CUNY Writing exam **and** a CUNY Reading exam score below 70. Incoming Students Only
Department: English

ENG 1050 - Integrative Language Seminar

1 Credit(s) 2 Equated Credit(s) Hours: *2 hrs.*
This one-semester ESL Learning Community course offered in the fall semester, open to all incoming student's whose first language is not English and whose results on the CUNY Reading and Writing exams indicate that they need to work on developing these areas. Students in ENG 1050 will build language awareness through an integrative, content-based, and contextualized approach. Students act as "language researchers," attending to language form as they build fluency, and drawing meaningful links between work in all Learning Community courses from a linguistic perspective.
Prerequisite(s): ESL Student Group and CUNY Assessment Scores on the CATW of 22 to 47 and any ACT Reading score
Corequisite(s): ESL 101
Department: English

ENG 1220 - Accelerated Learning Program

0 Credit(s) 1 Equated Credit(s) Hours: *2 hrs.*
The Accelerated Learning Program (ALP) is a two-hour companion course to ENG 1200 for students who pass the CUNY administered Reading exam, but score 51 to 55 on the CATW. ALP provides small-group instruction that will reinforce the reading and writing activities of ENG 1200.
Corequisite(s): ENG 1200
Department: English

English: College Now

ENG BW00 - Foundations for College-Level Writing

0 Credit(s) Hours: *4 hrs.*
A portfolio-based course that develops thinking skills and competency in reading and writing needed for both high school exit and college entrance English classrooms.
Department: English

ENG W100 - Intensive Writing 1

0 Credit(s) Hours: *2 hrs.*
Development of critical thinking and writing skills needed for freshman-level college coursework. Students create portfolios based on freshman-level reading assignments in the sciences.
Students are urged to participate in a 3-credit "College Now" course
Department: English

ENG W200 - Intensive Writing 2

0 Credit(s) Hours: *2 hrs.*
Course builds on the work of ENG W100. Based on readings in psychology, students develop advanced critical thinking and writing skills required for success in English classes during and beyond the freshman year.
Students are urged to participate in a 3-credit "College Now" course
Department: English

Education Program

EDC 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of early childhood education is developed individually between student and faculty member and must be approved by the Department.
Department: Behavioral Sciences

EDC 90A4 - Seminar and Practicum in Teacher Development

3 Credit(s) Hours: *10 hrs.*
Seminar and supervised field work stressing multicultural factors. Students apply knowledge of child development in agency settings working with young children, in seminars with peers and in individual conferences with supervisors.
Not open to students who have completed ECE or EDC 9105.
Prerequisite(s): ENG 1200 **and** Math Proficient **AND**

For A.S. Education Studies: 1st - 6th Grade Concentration: EDC 2900, EDC 3100, **and** EDC 4200 with a minimum grade of "C" **AND** Department permission required.

For A.S. Education Studies: PreK - 12th Grade Special Education Concentration: EDC 3100, EDC 4200, **and** EDC 5100 with a minimum grade of "C" **AND** Department permission required.
Department: Behavioral Sciences

EDC 200 - Social Foundations of Education

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. field)*
The social underpinnings of education are traced through a study of the history of education, including the development of its practices and philosophies. The social forces that currently influence education and gaps between ideals and the realities of education are analyzed. Reports requiring school visits will be assigned.
This course is designated as a CUNY Pathways Major Gateway course and thus, guarantees automatic transfer into any the Education major across colleges and programs. This course requires a minimum of 15 hours of fieldwork that support the learning outcomes of a Social Foundations in Education course. Must obtain a minimum grade of "C" in order to progress to the next Education course in the sequence.
Department: Behavioral Sciences

EDC 2000 - Foundations of Education

3 Credit(s) Hours: *3 hrs.*
The effects of society, culture and institutions on the developmental needs of children with emphasis on the impact of urban life and the role of the educational system.
Department: Behavioral Sciences

EDC 2100 - Social Science in Education

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. field)*
Survey of the objectives of the Social Sciences as reflected in the selection, guidance and evaluation of curricula in Education.
Prerequisite(s): EDC 2500 **and** EDC 2800 with a minimum grade of "C" or better. Department permission is required.
Corequisite(s): EDC 4000
Department: Behavioral Sciences

EDC 2200 - Art Workshop in Education

3 Credit(s) Hours: *3 hrs.*
Various art media are explored to understand principles, methods, planning and classroom organization necessary to achieve curricular and behavioral objectives of programs in education. Theory and history of art education as it relates to curriculum and diverse cultures. *Ten hours per semester working with children in art activities.*
Prerequisite(s): For A.S. Education Studies Majors: Birth - 2nd Grade Concentration: EDC 2100, EDC 3200, **and** EDC 4000 with a minimum grade of "C "or better.

For A.S. Education Studies Majors: 1st - 6th Grade Concentration: EDC 2900, EDC 3100, **and** EDC 4200 with a minimum grade of "C "or better.

For A.S. Education Studies Majors: PreK - 12th Grade Special Education Concentration: EDC 3100, EDC 4200, **and** EDC 5100 with a minimum grade of "C "or better.
Department: Behavioral Sciences

EDC 2300 - Music and Movement Workshop in Education

2 Credit(s) Hours: *2 hrs.*
Musical literature, methods and techniques for utilizing music and dance to achieve the curricular and behavioral objectives of programs in education. *Ten hours per semester working with children in music activities.*
Prerequisite(s): EDC 200 with a minimum grade of "C" or better.
Department: Behavioral Sciences

EDC 2400 - Teaching Emergent Bilinguals

3 Credit(s) Hours: *3 hrs.*
This course explores language acquisition theories, the historical, philosophical, and pedagogical evolution of how educational institutions have approached their work with emergent bilinguals, and pedagogical strategies for teaching emergent bilinguals. It focuses on the role of educators in supporting emergent bilinguals' learning language and literacy across content.
Prerequisite(s): For A.S. Education Studies: Birth - 2nd Grade Concentration: EDC 2100, EDC 3200, **and** EDC 4000 with a minimum grade of "C" or better.

For A.S. Education Studies: 1st - 6th Grade Concentration: EDC 2900, EDC 3100, EDC 4200 with a minimum grade of "C" or better.

For A.S. Education Studies: PreK - 12th Grade Special Education Concentration: EDC 3100, EDC 4200, **and** EDC 5100 with a minimum grade of "C" or better.
Department: Behavioral Sciences

EDC 2500 - Psychological Foundations of Education

3 Credit(s) Hours: *3 hrs.*
This course provides an overview of human development from conception to adolescence and its application to teaching and learning. It focuses on historical and contemporary theories of childhood development. Learning is considered in relation to biological factors, child and family factors, program factors and sociocultural factors, particularly in diverse urban settings. Children's physical, cognitive, communicative, social and emotional development is explored as contributors to and as consequences of learning experiences. **New York State mandated two-hour session on recognizing and reporting child abuse is included.**
This course is designated as a CUNY Pathways Major Gateway course for Early Childhood/Childhood Education and thus, guarantees automatic transfer into an Early Childhood/Childhood Education major across CUNY colleges and programs. This course requires a minimum of 15 hours of fieldwork that support the learning outcomes of a Psychological Foundations in Education course.
Prerequisite(s): EDC 200 with a minimum grade of "C"
Department: Behavioral Sciences

EDC 2800 - Techniques in Math, Science and Technology Teaching for Early Childhood Education

2 Credit(s) Hours: *2 hrs.*
Knowledge and understanding of the methods of teaching pre-mathematics, science, and technology in early childhood classrooms. Hands-on methods that permit young children to learn through discovery, plus theoretical underpinnings of these methods are emphasized.
Open to all students.
Prerequisite(s): EDC 200 with a minimum grade of "C" or better.
Corequisite(s): EDC 2500
Department: Behavioral Sciences

EDC 2900 - Elementary Science, Technology and Mathematics Education

3 Credit(s) Hours: *3 hrs.*
This course integrates the study of sciences, mathematics, technology, and education in the current and historical social context. Students explore materials and methods to facilitate scientific investigation through progressive models of instruction, such as cooperative learning and inquiry-based learning while following national, state, and local mathematics, science, and technology teaching and curriculum standards. The course explores the influence of attitudes toward science and mathematics on learning. Weekly use of the internet and digital tools are incorporated.
Prerequisite(s): EDC 5000 **and** EDC 2500 with a minimum grade of "C"
Open Only to Education Studies Majors: 1st - 6th Grade Concentration
Department: Behavioral Sciences

EDC 3000 - Seminar and Practicum in Early Childhood Education Curriculum

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. field)*
Working directly with materials, students explore and become familiar with the methods and materials used in an Early Childhood Education setting as developmentally appropriate practice and the integrated approach to education is emphasized. *Ten hours per semester working with children in Early Childhood curriculum activities.*
Prerequisite(s): EDC 200 with a minimum grade of "C"
Department: Behavioral Sciences

EDC 3100 - Social Science in Childhood Education

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. field)*
Designed for employed professionals as well as undergraduates in Childhood Education. Knowledge of the social sciences, pedagogical strategies, the development of critical thinking skills concerning curriculum content, creation and implementation of activities for thematic units will be covered.
Prerequisite(s): EDC 2500 **and** EDC 5000 with a minimum grade of "C" or better.
Corequisite(s): EDC 4200 **AND** Department permission required.
Department: Behavioral Sciences

EDC 3200 - Infant/Toddler Development

3 Credit(s) Hours: *3 hrs.*
Study of educational theories and approaches as well as cultural influences on the development of the young child.
Prerequisite(s): EDC 2500 **and** EDC 2800 with a minimum grade of "C" or better.
Department: Behavioral Sciences

EDC 4000 - Educational Practice for Early Language and Literacy Development

3 Credit(s) Hours: *4 hrs. /2 hrs. lecture, 2 hrs. field experience/laboratory)*
This course focuses on the development of language and emergent literacy from infancy to preschool years. The three themes that are addressed are: history and theories of literacy development, language and literacy acquisition, and methods of literacy instruction for all. These themes serve as the foundation for developmentally appropriate practices of early childhood educators.
Prerequisite(s): EDC 2500 **and** EDC 2800 with a minimum grade of "C" or better **AND** Department permission required.
Corequisite(s): EDC 2100
Department: Behavioral Sciences

EDC 4100 - Teaching the Gifted Individual

3 Credit(s) Hours: *3 hrs.*
Investigation of psychological and educational needs of gifted and talented individuals in school and society. Includes a historical perspective, past and present research studies, identification and implementation of programs.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

EDC 4200 - Children's Literature and Language Arts in Childhood Education

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab/field)*
This course is designed to provide students with the professional background knowledge and skills needed to design and implement integrated literacy instruction to learners of diverse backgrounds and needs in grades 1-6. The course focuses on curriculum development and individualized planning in language arts with an emphasis on multicultural and diverse children's literature and arts experiences. Requires 24 hours of supervised fieldwork.
Prerequisite(s): EDC 5000 and EDC 2500 with a minimum grade of "C" **AND** Department permission required. **Open Only to Education Studies Majors: 1st - 6th Grade Concentration and PreK - 12th Grade Special Education Concentration**
Corequisite(s): EDC 3100
Department: Behavioral Sciences

EDC 5000 - Foundations of Disability and Inclusive Education

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab/field)*
This class is an introduction to disability studies with an emphasis on the historical, cultural and social foundations of inclusive education. The historical basis for the disability rights movement and inclusive education will be addressed, including legislation and litigation that has had a significant impact on the field. Students will learn about the characteristics of individuals with diverse abilities, current trends in educational services, as well as ethical principles and professional standards. Students will observe for 24 hours in an inclusive classroom. This course includes a Child Abuse Recognition training that leads to a certificate to be applied toward NYS Teaching Certification.
Prerequisite(s): EDC 2000 with a minimum grade of "C" **Open Only to Education Studies Majors: 1st - 6th Grade Concentration and PreK - 12th Grade Special Education Concentration**
Department: Behavioral Sciences

EDC 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies Link.
Department: Behavioral Sciences

EDC 5100 - Pedagogical Approaches for Students with Disabilities

3 Credit(s) Hours: *3 hrs.*
In this course students will apply their understanding of the principles of universal design for learning and culturally-responsive teaching to a wide range of issues related to the instruction of students with disabilities. This will include: inclusion of strategies in the classroom and in specialized placements, intervention models to address different learning needs, the importance of art and play-based pedagogical approaches, and different pedagogical approaches for working with children with different types of disabilities.
Prerequisite(s): EDC 5000 with a minimum grade of "C" **Open Only to Education Studies Majors: PreK - 12th Grade Special Education Concentration**
Department: Behavioral Sciences

EDC 5200 - Partnering with Families, Professionals, and Community

3 Credit(s) Hours: *3 hrs.*
Pre-service candidates will explore and develop the competencies needed for working collaboratively with families, professionals, and the community, including understanding the theories and elements around professional collaboration. This course will reflect a strength-based stance toward children and families and affirm the identities and cultural diversity of all learners and families. The course will focus on developing the skills needed for collaborative service delivery options for students.
Prerequisite(s): EDC 5100 with a minimum grade of "C" **Open Only to Education Studies Majors: PreK - 12th Grade Special Education Concentration**
Department: Behavioral Sciences

EDC 6001 - Social Emotional Learning Through Puppetry and Play

1 Credit(s) Hours: *1 hr.*
This course is designed to introduce students to the developmental theories behind Social Emotional Learning (SEL) while also providing an interactive and integrative approach to the exploration of puppetry as a vehicle to reinforce this learning. Through the use of multi-lingual storytelling, arts-making, dramatic play, and lively group discussions, this course will provide hands-on practice, planning, and curriculum design instruction to students of diverse backgrounds and needs. Learners will come away from the course with the necessary skills to implement puppetry play and other creative arts activities to foster deep and lasting social-emotional learning in both the early childhood and elementary classrooms.
Prerequisite(s): EDC 200 with a minimum grade of "C" **Open Only to Education Studies Majors: Birth - 2nd Grade Concentration and 1st - 6th Grade Concentration**
Department: Behavioral Sciences

EDC 6002 - Creating Classroom Culture Through Successful Management

1 Credit(s) Hours: *1 hr.*
Students will analyze and evaluate research-based models of classroom organization and management through culturally-sustaining lenses. A practical Classroom Management Plan will be designed by students as an exit project for this course.
Prerequisite(s): EDC 200 with a minimum grade of "C" **Open Only to Education Studies Majors: Birth - 2nd Grade Concentration and 1st - 6th Grade Concentration**
Department: Behavioral Sciences

EDC 9105 - Supervised Instructional Experience in Education I

3 Credit(s) Hours: *6 hrs.*
Students are assigned to work with children in a specific education center such as a Day Care Center, Nursery School, Kindergarten, or School for Exceptional Children. Students concentrate on objective observations of child behavior in order to help develop skills in understanding children and their learning needs.
For ECE Majors only.
Prerequisite(s): EDC 2100 with a grade of "C" and Passed, exempt, or completed developmental course work for the CUNY Assessment Tests in Reading and Writing
Corequisite(s): EDC 2200
Department: Behavioral Sciences

EDC 9200 - Seminar and Practicum in Early Childhood Special Education

3 Credit(s) Hours: *6 hrs. lab/field*
Students apply knowledge of typical and atypical development working with young children through seminar and supervised fieldwork in early childhood special education settings. Identification and examination of developmental disabilities in young children is introduced in conjunction with developmentally appropriate and effective remediation. Implications for adapting the learning environment, individualizing settings and instruction, co-teaching and cooperative models and methods are explored. Development of positive behavior supports for all young children, including English language learners. Role of families and educators in creating learning environments at home and in educational setting.
Prerequisite(s): ENG 1200, Math Proficient, **and** EDC 2100, EDC 4000, **and** EDC 3200, with a minimum grade of "C" **AND** Department permission required **Open Only to Education Studies Majors: Birth - 2nd Grade Concentration**
Department: Behavioral Sciences

EDC 9307 - Supervised Instructional Experience In Education II

3 Credit(s) Hours: *6 hrs.*
Students are assigned increasing responsibility within the limits of the agency structure. Leadership of group activities is included.
For ECE Majors only.
Prerequisite(s): EDC 2200 and EDC 9105, with a minimum grade of "C" and a passing score on the ACCUPLACER CUNY Assessment Test in Math **or** completion of developmental mathematics
Prerequisite(s)/Corequisite(s): EDC 2300
Department: Behavioral Sciences

EDC 9400 - Supervised Instructional Experience in Infant/Toddler Education

3 Credit(s) Hours: *6 hours*
A practicum stressing the unique needs of infants and toddlers, in which students apply knowledge of child development. Developmentally appropriate practice in agency setting working with infants and toddlers. Students participate in seminars with their peers and meet in individual conferences with their supervisor.
Prerequisite(s): EDC 3200 and EDC 2100, both with a grade of "C" or better
Corequisite(s): EDC 2200
Department: Behavioral Sciences

Earth and Planetary Science

EPS 3100 - Meteorology

4 Credit(s) Hours: *6 hrs.*
Fundamental physical and chemical structure of the atmosphere including weather, climate, meteorological instrumentation, and air pollution.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 3200 - Oceanography

4 Credit(s) Hours: *6 hrs.*
Factors that have a major influence on the physical and chemical structure of the oceans includes tides, waves, currents, oceanographic instrumentation and coastal oceanography. Course includes a laboratory component.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 3300 - Physical Geology

4 Credit(s) Hours: *6 hrs.*
Study of the nature of the Earth and its processes includes: mineral and rock classification, analysis of the agents of weathering and erosion, dynamics of the Earth's crust as manifest in mountain building, volcanoes and earthquakes, recent data concerning the geology of other planets, field and laboratory techniques of the geologist.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 3500 - Introduction to Astronomy

4 Credit(s) Hours: *6 hrs.*
Concepts and methods of astronomical science, the early theories of the universe, astronomical instruments, the solar systems and its members, stars, galaxies, recently discovered objects, and study of modern cosmological ideas. Course includes a laboratory component.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 3600 - Planetology: A Trip Through the Solar System

4 Credit(s) Hours: *6 hrs.*
Introduction to the planets, moons and smaller bodies that occupy our Solar System, and to current Space Science research and technology. Topics include the origin and evolution of our solar system, the geological and chemical characteristics of the planets, moons, asteroids, comets and life in the solar system.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 3800 - Introduction to Earth Science

4 Credit(s) Hours: *6 hrs.*
The earth's environment, meteorology, geology, astronomy, and oceanography. Field trips and laboratory work included.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

EPS 9201 - Research I

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EPS 9202 - Research II

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EPS 9203 - Research III

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EPS 9204 - Research IV

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

Economics

ECO 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Business

ECO 1200 - Macroeconomics

3 Credit(s) Hours: *3 hrs.*
A macroeconomic study of the American economy. An analysis of the fundamental institutions, functions, and goals of the basic sectors in American capitalism, current macroeconomic issues, national income accounting, application of economic principles and concepts to the U.S. economy, the effects of money, banking, monetary, and fiscal policies. Includes analysis of U.S. economic growth and its role in the global economy and a microeconomic analysis of supply and demand in a perfectly competitive market structure.
Flexible Core: Individual and Society (Group D)
Department: Business

ECO 1300 - Microeconomics

3 Credit(s) Hours: *3 hrs.*
An analysis of the determination of price under alternative market structures. Particular emphasis will be placed on understanding the economic behavior of the household, the business firm, and government.
Flexible Core: Individual and Society (Group D)
Department: Business

ECO 1400 - Money and Banking

3 Credit(s) Hours: *3 hrs.*
A comprehensive study of the nature of money and monetary standards, the development, structure, and functions of American central banking commercial banking, non-bank financial intermediaries, investment banking, and financial markets. Federal and State bank regulation and supervision, major monetary theories. Analysis of the impact and major role of the American banking system on the economy. Includes a study of international finance.
Department: Business

ECO 2200 - Principles of Financial Management

3 Credit(s) Hours: *3 hrs.*
This course will introduce students to key financial concepts and the application of financial analysis in making sound business decisions. Topics include: time value of money, risk and rates of return, asset valuation, capital budgeting, and capital structure. Students will gain an understanding of financial assets, financial markets, financial intermediaries and the banking system. Students will also understand financial statements (i.e. balance sheet, income statement, and cash flow statement) published by corporations and the various ratios utilized by investors. Upon completion of this course, students will understand and apply these concepts and skills in business decisions. Recommended for Accounting and Business majors planning to transfer to equivalent baccalaureate programs at Brooklyn College and other senior colleges.
Prerequisite(s): ACC 1200
Prerequisite(s)/Corequisite(s): ECO 1200 **and** ECO 1300
Department: Business

Education

EDU 2800 - Techniques in Math, Science and Social Studies Teaching for Early Childhood Education

2 Credit(s) Hours: *2 hours*
Knowledge and understanding of methods of teaching pre-mathematics, science and social studies in early childhood classrooms. Experiential methods that permit young children to learn through discovery will be given special emphasis as well as the theoretical underpinnings of these methods. Course cannot be taken more than two times.
Department: Behavioral Sciences

EDU 4500 - Sign Language in the Classroom I

2 Credit(s) Hours: *2 hours*
Designed to help students use Signed English and American Sign Language. Special emphasis will be placed on uses in the classroom. At the conclusion, students will be familiar with the various forms of communication used by the deaf/hard-of-hearing community, and the uses of ASL and Signed English in the classroom, deaf culture and the special needs of deaf/hard-of-hearing students.
Department: Behavioral Sciences

EDU 4600 - Sign Language in the Classroom II

2 Credit(s) Hours: *2 hours*
A continuation of EDU 4500. Students will continue to build their receptive and expressive sign language skills for the classroom, and their interpreting skills through oral and written exercises. At the conclusion of the course students will possess a functional vocabulary for use with the deaf and hearing impaired community, as well as basic interpreting skills for use in the classroom.
Prerequisite(s): EDU 4500
Department: Behavioral Sciences

EDU 5000 - Educational Technology for Paraprofessionals

3 Credit(s) Hours: *3 hrs.*
Introduction to computer operating systems and industry standard software and evaluation, discussion, and demonstration of educationally-based software. Guided exploration of how computers and other technologies can support instruction, use of technology to access information and enhance personal productivity and productivity as a member of the classroom team.
Department: Behavioral Sciences

EDU 5200 - Introduction to Inclusive Classrooms: Strategies for Effective Instruction

3 Credit(s) Hours: *3 hrs.*
The design and delivery of effective instruction for all pupils in inclusive classrooms, those with disabilities and those without, including those whose special learning needs may not be formally diagnosed.
Department: Behavioral Sciences

Emergency Medical Services

EMS 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of emergency medical services is developed individually between student and faculty member and must be approved by the Department.
Department: Allied Health, Mental Health and Human Services

EMS 100 - Emergency Medical Technician - Basic

5 Credit(s) Hours: *12 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as an emergency medical technician (EMT). It reviews material including, but not limited to: overview of emergency medical services (EMS), EMS systems, roles of EMTs and paramedics, basic anatomy and physiology, preparatory and basic airway management, cardiopulmonary resuscitation (CPR), patient assessment, medical/behavioral obstetrical/gynecological, traumatic, and medical emergencies for neonate, pediatric, adult and geriatric patients. Lab work includes bleeding control, CPR, patient assessment and management, splinting, patient immobilization, moving techniques, and ambulance operations. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students must satisfactorily perform all practical skills in order to successfully complete the course.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math, **or** Department permission
Prerequisite(s)/Corequisite(s): BIO 1100
Department: Allied Health, Mental Health and Human Services

EMS 101 - EMT - Basic Clinical I

1 Credit(s) Hours: *6 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as an emergency medical technician (EMT). It reviews material including, but not limited to: infants and children, other special populations, ambulance operations, and working as part of a pre-hospital care team including paramedics. Lab work includes: bleeding control, CPR, patient assessment and management, splinting, patient immobilization, moving techniques, and weapons of mass destruction (WMD) awareness. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students will participate in a series of clinical/field observations of eight-hour shifts either in an emergency department (clinical) or on an ambulance (field). Students must satisfactorily perform all practical skills in order to successfully complete the course. The number of minimum patient experiences is delineated. Some students, however, may be required to schedule additional shifts to acquire an acceptable minimum of competencies and experiences.
Prerequisite(s)/Corequisite(s): EMS 100
Department: Allied Health, Mental Health and Human Services

EMS 210 - Paramedic I

7 Credit(s) Hours: *16 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It will review material including, but not limited to: overview of emergency medical services (EMS), EMS systems, the role of the paramedic, introduction to National Standards Curriculum, preparatory, advanced anatomy and physiology and advanced airway management, and patient assessment and management. Lab work includes: patient assessment and management, bleeding control, fracture management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration, and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students must satisfactorily perform all practical skills in order to successfully complete the course.
Prerequisite(s): EMS 101, BIO 1100 and ENG 1200
Corequisite(s): EMS 211
Department: Allied Health, Mental Health and Human Services

EMS 211 - Paramedic Clinical I

2 Credit(s) Hours: *15 hrs.*
This clinical course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It is designed to introduce the student to the clinical aspect in the field of emergency medical services in specific areas of preparatory and advanced airway in the setting of a hospital department (clinical) and/or ambulance (field). Students will participate in a series of clinical/field rotations of eight-hour shifts either in a hospital department or on an ambulance. Clinical/field rotations include areas such as adult and pediatric emergency departments, critical care units, morgue, operating room, psychiatric units, labor and delivery, other hospital departments (as needed) and basic and advanced life support ambulances. Lab work includes: patient assessment and management, bleeding control, fracture management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration, and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. The number of minimum patient experiences is delineated. Some students, however, may be required to schedule additional shifts to acquire an acceptable minimum of competencies and experiences. Students must satisfactorily perform all practical skills in order to successfully complete the course. This course is the first of a four-course clinical sequence.
NOTE: Since paramedic students are already NYS-Certified EMTs, they are expected to participate in patient care (under direct supervision of a preceptor) up to their level of training.
Prerequisite(s): EMS 101, BIO 1100 and ENG 1200
Corequisite(s): EMS 210
Department: Allied Health, Mental Health and Human Services

EMS 220 - Paramedic II

5 Credit(s) Hours: *16 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It reviews material including, but not limited to: assessment and management of the medical and trauma patient, selecting and implementing an appropriate treatment plan for a wide range of complaints including respiratory, cardiovascular, neurological, environmental and obstetrical emergencies, introduction to pre-hospital pharmacology, and introduction to electrocardiogram monitoring. Lab work involves: patient assessment and management, bleeding control, advanced fracture management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students must satisfactorily perform all practical skills in order to successfully complete the course.
Offered only during winter or summer module.
Prerequisite(s): EMS 210 and EMS 211
Corequisite(s): EMS 221
Department: Allied Health, Mental Health and Human Services

EMS 221 - Paramedic Clinical II

3 Credit(s) Hours: *15 hrs.*
This clinical course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It is designed to continue the student experience in the clinical aspect in the field of emergency medical services in specific areas of preparatory, advanced airway management, trauma and medical in the setting of a hospital department (clinical) and/or ambulance (field). Students will participate in a series of clinical/field rotations of eight-hour shifts either in a hospital department or an ambulance. Clinical/field rotations include areas such as adult and pediatric emergency departments, critical care units, morgue, operating room, psychiatric units, labor and delivery, other hospital departments (as needed) and basic and advanced life support ambulances. Lab work includes: patient assessment and management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital, and/or field setting. The number of minimum patient experiences is delineated. Some students, however, may be required to schedule additional shifts to acquire an acceptable minimum of competencies and experiences. Students must satisfactorily perform all practical skills in order to successfully complete the course. This course is the second of a four-course clinical sequence.
Since paramedic students are already NYS-Certified EMTs, they are expected to participate in patient care (under direct supervision of a preceptor) up to their level of training.
Offered only during winter or summer module.
Prerequisite(s): EMS 210 and EMS 211
Corequisite(s): EMS 220
Department: Allied Health, Mental Health and Human Services

EMS 230 - Paramedic III

7 Credit(s) Hours: *16 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It reviews material including, but not limited to: special considerations, environmental emergencies, assessment-based management, selecting and implementing an appropriate treatment plan for a wide range of complaints including respiratory, cardiovascular, neurological, environmental and obstetrical emergencies, detailed pre-hospital pharmacology, and detailed electrocardiogram monitoring. Lab work includes: patient assessment and management, bleeding control, advanced fracture management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students must satisfactorily perform all practical skills in order to successfully complete the course.
Prerequisite(s): EMS 220 and EMS 221
Corequisite(s): EMS 230
Department: Allied Health, Mental Health and Human Services

EMS 231 - Paramedic Clinical III

2 Credit(s) Hours: *15 hrs.*
This clinical course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It is designed to continue the student experience in the clinical aspect in the field of emergency medical services in specific areas of preparatory, advanced airway management, trauma and medical, and pharmacology in the setting of a hospital department (clinical) and/or ambulance (field). Students will participate in a series of clinical rotations of eight-hour shifts either in a hospital department or an ambulance. Clinical rotations include areas such as adult and pediatric emergency departments, critical care units, morgue, operating room, psychiatric units, labor and delivery, other hospital departments (as needed) and basic and advanced life support ambulances. Lab work includes: patient assessment and management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration, and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. The number of minimum patient experiences is delineated. Some students, however, may be required to schedule additional shifts to acquire an acceptable minimum of competencies and experiences. Students must satisfactorily perform all practical skills in order to successfully complete the course. This course is the third of a four-course clinical sequence.
Since paramedic students are already NYS-Certified EMTs, they are expected to participate in patient care (under direct supervision of a preceptor) up to their level of training.
Prerequisite(s): EMS 220 and EMS 221
Corequisite(s): EMS 230
Department: Allied Health, Mental Health and Human Services

EMS 240 - Paramedic IV

5 Credit(s) Hours: *16 hrs.*
This course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It reviews material including, but not limited to: EMS operations, public health, hazardous materials awareness and weapons of mass destruction (WMD) awareness, NYC EMS protocols, selecting and implementing an appropriate treatment plan for neonatal, pediatric, adult and geriatric patients with a variety of complaints including respiratory, cardiovascular, neurological, environmental, trauma, psychiatric, altered mental status, abdominal and obstetrical emergencies. Lab work includes: patient assessment and management, advanced fracture management, intravenous (IV) access techniques, endotracheal intubation, calculating dosages, preparing medications for administration and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. Students must satisfactorily perform all practical skills in order to successfully complete the course.
Prerequisite(s): EMS 230 and EMS 231
Corequisite(s): EMS 241
Department: Allied Health, Mental Health and Human Services

EMS 241 - Paramedic Clinical IV

3 Credit(s) Hours: *15 hrs.*
This clinical course covers the New York State Department of Health Bureau of Emergency Medical Services curriculum for preparation as a paramedic. It is designed to continue the student experience in the clinical aspect in the field of emergency medical services in specific areas of advanced airway management, medical, trauma, pharmacology, special considerations and operations in the setting of a hospital department (clinical) and/or ambulance (field). Students will participate in a series of clinical rotations of eight hour shifts either in a hospital department or on an ambulance. Clinical rotations include areas such as adult and pediatric emergency departments, critical care units, morgue, operating room, psychiatric units, labor and delivery, other hospital departments (as needed) and basic and advanced life support ambulances. Lab work includes: patient assessment and management, bleeding control, fracture management, intravenous (IV) access techniques, endotracheal intubation, and calculating dosages, preparing medications for administration, and practice in all administration techniques. Skills are subsequently demonstrated and evaluated in the laboratory, hospital and/or field setting. The number of minimum patient experiences is delineated. Some students, however, may be required to schedule additional shifts to acquire an acceptable minimum of competencies and experiences. Students must satisfactorily perform all practical skills in order to successfully complete the course. This course is the fourth of a four-course clinical sequence. As the final clinical course and as part of the field internship phase, students must demonstrate the ability to serve as team leader in a variety of pre-hospital emergency situations.
Since paramedic students are already NYS-Certified EMTs, they are expected to participate in patient care (under direct supervision of a preceptor) up to their level of training.
Offered only during winter or summer module.
Prerequisite(s): EMS 230 and EMS 231
Corequisite(s): EMS 240
Department: Allied Health, Mental Health and Human Services

Engineering Science

EGR 2100 - Engineering Design

3 Credit(s) Hours: *5 hrs.*
For a beginning engineering students, hands-on investigations and an appreciation of the importance of engineering in our society. In the laboratory, students will investigate problems relevant to the study of engineering, including mechanical, robotic and bridge design. Computers will be utilized for all relevant laboratory sessions. Lecture discussions will include preparation for the labs and discussions of approaches engineers have used to solve difficult problems.
Prerequisite(s): CUNY English **and** MAT 900
Prerequisite(s)/Corequisite(s): MAT 1400; **or** Department Permission
Department: Physical Sciences

EGR 2200 - Introduction to Electrical Engineering

3 Credit(s) Hours: *4 hrs.*
First course in electrical engineering, includes: circuit elements and their voltage-current relations, Kirchoff's laws, elementary circuit analysis, continuous and discrete signals, differential and difference equations, first order systems.
Required for Engineering Science Majors.
Prerequisite(s): PHY 1400 **or** Department Permission
Prerequisite(s)/Corequisite(s): MAT 5500 **and** MAT 5600; **or** EGR 2200 Skills Support; **or** Department Permission. Contact Department of Physical Sciences for EGR 2200 Skills Support information.
Department: Physical Sciences

EGR 2300 - Introduction to Engineering Thermodynamics

3 Credit(s) Hours: *4 hrs.*
First course in engineering thermodynamics. Topics include Zeroth Law and absolute temperature, work, heat, First Law and applications, Second Law, Carnot theorems, entropy, thermodynamic state variables and functions, reversibility, irreversibility, and availability functions, Ideal gas mixtures, mixtures of vapors and gas, and humidity calculations.
Required for Engineering Science Majors.
Prerequisite(s): CHM 1200 **and** PHY 1300 **and** MAT 1600 **OR**
Prerequisite(s)/Corequisite(s): EGR 2300 Skills Support; **or** Department Permission. Contact Department of Physical Sciences for EGR 2300 Skills Support information.
Department: Physical Sciences

EGR 9201 - Research I

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EGR 9202 - Research II

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EGR 9203 - Research III

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

EGR 9204 - Research IV

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

English as a Second Language (ESL)

ESL 91A7 - Developing Fluency in Reading and Writing for ESL Students

0 Credit(s) 8 Equated Credit(s) Hours: *8 hrs.*
This is the third course in an ESL sequence designed for students whose first language is not English and whose results on the CUNY ESL Accuplacer indicate that they need work on their reading and writing at the high intermediate level. This course emphasizes reading, writing, and critical thinking skills. Also required of students who have successfully completed ESL 900.
Department: English

ESL 101 - Accelerated Academic ESL I

0 Credit(s) 10 Equated Credit(s) Hours: *10 hrs.*
This two-semester Learning Community course, beginning in the fall and continuing in the spring, is open to all incoming students whose first language is not English and whose results on the CUNY Reading and Writing exams indicate that they need work on developing these areas. During semester one (ESL 101), the focus is on reading, low-stakes writing, and media literacy. During semester two (ESL 102), the emphasis continues to be on reading while building towards more formal academic writing.
Prerequisite(s): ESL Student Group and CUNY ESL Accuplacer Composite Score of 66-97
Corequisite(s): ENG 1050
Department: English

ESL 102 - Accelerated Academic ESL II

0 Credit(s) 10 Equated Credit(s) Hours: *10 hrs.*
This two-semester Learning Community course, beginning in the fall and continuing in the spring, is open to all incoming students whose first language is not English and whose results on the CUNY Reading and Writing exams indicate that they need work on developing these areas. During semester one (ESL 101), the focus is on reading, low-stakes writing, and media literacy. During semester two (ESL 102), the emphasis continues to be on reading while building towards more formal academic writing.
Prerequisite(s): ESL 101
Department: English

ESL 700 - Basic Reading and Writing for Students Learning English as a Second Language

0 Credit(s) 10 Equated Credit(s) Hours: *10 hrs.*
This is the first course in an ESL sequence designed for students whose first language is not English and whose results on the CUNY Reading and Writing exams indicate that they need extensive work on developing these areas. Activities include intensive work on reading, writing and revision, with an emphasis on developing fluency in writing and basic reading comprehension.
Department: English

ESL 900 - Intermediate Reading and Writing for Students Learning English as a Second Language

0 Credit(s) 10 Equated Credit(s) Hours: *10 hrs.*
This is the second course in an ESL sequence designed for students whose first language is not English and whose results on the CUNY Reading and Writing exams indicate that they need work on their reading and writing at the intermediate level. This course consists of various activities to improve English language communication skills, emphasizing clarity in writing and increased reading comprehension.
Department: English

English as a Second Language (ESL): College Now

ESL BW100 - Foundations for College-Level Reading and Writing for ESL Students, I

0 Credit(s) Hours: *4 hrs.*
Low intermediate portfolio-based course designed to help students develop the fluency, focus, analytical and organizational skills needed to become successful college writers. Readings are from various multi-cultural genres and of varying lengths. First part of a two-semester course sequence.
Prerequisite(s): Students must be designated as ESL
Department: English

ESL BW200 - Foundations for College-Level Reading and Writing for ESL Students, II

0 Credit(s) Hours: *4 hrs.*
High intermediate/advanced portfolio-based course that is the second part of a two-semester course sequence designed to develop reading competence and writing fluency in students with English as a second language.
Prerequisite(s): Students must be designated as ESL
Department: English

Exercise Science

EXS 91X6 - Field Experience in Exercise Science

3 Credit(s) Hours: *1 class hr. plus 100 field hrs.*
Under staff supervision, students will provide personal training services in Kingsborough's on-campus faculty/staff fitness clinic, provide student oversight during open recreational hours in Kingsborough's fitness center, and design and lead group fitness activities for students. Students are required to have certification in adult cardiopulmonary resuscitation with automated external defibrillator and must have appropriate liability insurance. Both must be valid for the entire semester.
Hours to be arranged by department.
Prerequisite(s): EXS 900, EXS 1000, EXS 1100, EXS 1200, EXS 1300 and EXS 1500. Open only to Exercise Science majors.
Department: Health, Physical Education and Recreation

EXS 500 - Introduction to Exercise Science

3 Credit(s) Hours: *3 hrs.*
This course is an introduction to the Exercise Science Major. An overview of the professions and academic disciplines related to exercise science will be covered, along with the education and experience required for entry level and advanced positions within the field. The course will also introduce the scientific method and its relevance to the study and practice of exercise science and the ethical and legal responsibilities of an exercise science professional.
Department: Health, Physical Education and Recreation

EXS 900 - Introduction to Personal Training

3 Credit(s) Hours: *3 hrs.*
This course is the introduction course to the Personal Training major. All aspects of personal training will be covered, including the necessary qualifications and responsibilities of a trainer, the various job opportunities that are available, legal considerations, psychological and motivational factors in working with different types of individuals, and how to set up and run a personal training business.
Open to all students.
Department: Health, Physical Education and Recreation

EXS 1000 - Kinesiology of Exercise

3 Credit(s) Hours: *3 hrs.*
Mechanical principles of human motion, macroscopic analysis of bones and muscles, joint leverage and limitations, types of muscular contractions and the relationship of muscular efficiency to posture, and analysis of motor activities.
Prerequisite(s): BIO 1100
Department: Health, Physical Education and Recreation

EXS 1100 - Physiology of Exercise

3 Credit(s) Hours: *3 hrs.*
The effects of exercise on human body, the foundation of exercise physiology and the application of the physiological principles which govern the science of sport and exercise. Emphasis is on how the cardiovascular and pulmonary systems work with the muscular system and the development of safe and productive physical training programs.
Prerequisite(s): BIO 1100
Department: Health, Physical Education and Recreation

EXS 1200 - Health Risk Appraisal

3 Credit(s) Hours: *3 hrs.*
Review of the pathophysiology, medications, and signs and symptoms of selected diseases, disorders and disabilities. Design of safe and effective exercise programs that consider the effects of these conditions and their treatment on the body's response and adaptation to exercise. Assessment of posture, range of motion, muscular fitness and gait.
Prerequisite(s)/Corequisite(s): EXS 1000
Department: Health, Physical Education and Recreation

EXS 1300 - Fitness Assessment and Program Design

3 Credit(s) Hours: *3 hrs.*
Methods to assess individual health status and risk factors prior to initiating an exercise program. Techniques for assessing the components of physical fitness, including cardiorespiratory endurance, muscular fitness, flexibility and body composition. Using objective and subjective information, design safe and effective exercise programs for apparently healthy adults.
Prerequisite(s): EXS 500
Department: Health, Physical Education and Recreation

EXS 1500 - Lifetime Strength and Flexibility Training

3 Credit(s) Hours: *3 hrs.*
Methods and techniques for designing and implementing muscular fitness training programs, the use of various modalities designed for improving muscular fitness and how to modify these activities in response to the changes encountered throughout an individual's lifetime.
Prerequisite(s): EXS 500
Department: Health, Physical Education and Recreation

EXS 2000 - Exercise, Energy Balance, and Weight Management

3 Credit(s) Hours: *3 hrs.*
Concepts and principles of energy balance, body composition, weight management, and physical activity as they relate to personal health. Examines the causes of obesity, its impact on human health and explores weight loss and diet options for the individual from a holistic perspective. Using case studies, students will complete a lifestyle analysis, develop nutritionally sound dietary plans, and design specialized exercise programs tailored to address an individual's personalized weight management goals.
Prerequisite(s): HE 4200, HPE 1200, EXS 1300, **and** EXS 1500
Department: Health, Physical Education, and Recreation

Fashion Design

FD 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of business administration is developed individually between student and faculty member and must be approved by the Department.
Department: Business

FD 1100 - Fashion Sketching for Fashion Designers

3 Credit(s) Hours: *3 hrs.*
First of two courses in fashion sketching, students learn basic croquis (specialized figure) drawing, develop their own set of croquis, and use them to sketch their own designs. Sketching all types of garments and silhouettes is covered using pencil, watercolor, and marker techniques.
Prerequisite(s): Only open to Fashion Design, Retail Merchandising, and Theatre Arts Majors.
Department: Business

FD 1200 - Fashion Sketching for Fashion Designers II

3 Credit(s) Hours: *3*
Second of two courses in fashion sketching, students sketch an original design collection - a minimum of eight (8) coordinated outfits. Fabric swatching and multiple views are required. Additional work is done on portfolio preparation, and sketching technique refinement.
Prerequisite(s): FD 1100 and BF 3500 **Only open to Fashion Design and Business of Fashion (previously Retail Merchandising) Majors.**
Prerequisite(s)/Corequisite(s): FD 1300
Department: Business

FD 1300 - Computerized Fashion Design

3 Credit(s) Hours: *3*
Advanced Fashion Design students learn a variety of computer programs for sketching and creating designs using a stylus and a pressure sensitive tablet. Photoshop, Adobe Illustrator and fashion design plug-ins are covered.
Prerequisite(s): Open only to Fashion Design and Business of Fashion (previously Retail Merchandising) Majors. For Fashion Design majors: FD 1100 and BA 6000 Prerequisite for Business of Fashion majors: BA 6000
Department: Business

FD 1400 - Garment Construction

3 Credit(s) Hours: *3*
Basic sample room garment construction procedures including seaming, seam finishing, pockets, collars, setting sleeve, pleats, gathers, darts and various other techniques are covered. Students construct garments to demonstrate mastery of various techniques.
Prerequisite(s): Only open to Fashion Design, Business of Fashion (previously Retail Merchandising), and Theatre Arts Majors.
Department: Business

FD 2000 - Flat Patternmaking

3 Credit(s) Hours: *3 hrs.*
Mastering the skills of flat pattern drafting and manipulation for both menswear and womenswear. Basic pattern manipulation techniques including dart manipulation, contoured seaming, and the slash and spread method are covered. Students must use flat pattern drafting to create, cut, and sew one garment.
Prerequisite(s)/Corequisite(s): FD 2100
Department: Business

FD 2100 - Fashion Design I

3 Credit(s) Hours: *3*
Introduction to draping and flat pattern design, including development of slopers (base patterns) for bodices, sleeve and skirts via draping on dress forms. Translating slopers into hard patterns and then flat patterns to manipulate fullness into various design styles. Students must complete a garment (dress or suit) constructed in fabric for final project.
Prerequisite(s)/Corequisite(s): FM 3500 **or** BF 3500
Department: Business

FD 2200 - Fashion Design II

3 Credit(s) Hours: *3*
Advanced draping techniques are explored, along with flat pattern work. Draping in actual fabrics, sample room techniques, and garment finishing are covered. Pants slopers are developed. Students must complete two (2) complete outfits for inclusion in the annual Fashion Show presentation.
Prerequisite(s): FD 2100 and FM 3500 or BF 3500
Department: Business

FD 2300 - Design Trends and Aesthetics

3 Credit(s) Hours: *3 hrs.*
Intermediate design students study current trends in women's wear, paying special attention to construction analysis, line, fabric and color selection and price points. Design principles are explored, and current designer collections analyzed for design merits and marketability. Students own sense of style is developed and refined.
Department: Business

FD 2500 - Advanced CAD for Fashion Design

3 Credit(s) Hours: *3 hrs.*
Second course in the CAD series for Fashion Design. The three-dimensional capabilities of the Optitex software package will be covered. Students produce high-resolution still color images and video of design concepts, including the use of Runway to create three-dimensional visualizations of designs. Advanced work in the Adobe suite is also covered.
Prerequisite(s): BA 6000, FD 2100 and FD 1300
Prerequisite(s)/Corequisite(s): FD 2000 and FD 2200
Department: Business

FD 9200 - Field Experience in Fashion Design

3 Credit(s) Hours: *1 class hr., 8 internship hrs. minimum*
Supervised field experience in fashion design, plus one hour a week devoted to seminar discussion of relevant field experience, is required. All students must have an internship as an assistant designer.
Open only to graduating Fashion Design Majors with no developmental core requirements.
Department: Business

Fashion Merchandising

FM 3200 - Product Development

3 Credit(s) Hours: *3*
Introduction to the concepts and methods by which retailers create special, store-branded merchandise for targeted customer segments. The process from product research through development and distribution is studied.
Listed now as BF 3200
Department: Business

FM 3500 - Textile and Non-Textile Analysis

3 Credit(s) Hours: *3*
Fashion fabrics and non-textile merchandise information, including their identification, characteristics, merits, limitations and care. Study of fibers, yarns, construction, finishes, coloring of fabrics, leather, furs, jewelry, and other non-textile products, and their success in the marketplace. Characteristics of a wide range of fabrics and products are explored.
Now BF 3500.
Prerequisite(s): BF 3100 **or** RM 3100. BF 3100 **or** RM 3100 **NOT required for Fashion Design Majors.**
Department: Business

FM 3600 - Visual Merchandising and Display

3 Credit(s) Hours: *4 hrs.*
Visual merchandising communicates merchandise information to customers and encourages people to buy. The purpose, value, and methods of display as a part of sales promotion and how it fits into the total marketing picture, designing and building interior window and point-of-purchase merchandise displays.
Prerequisite(s): BF 3100 **or** MM 3100
Department: Business

FM 3700 - Fashion Merchandising

3 Credit(s) Hours: *3 hrs.*
Course will prepare students for career paths as buyers and merchandisers by acquainting them with renowned designers of the past and present and by exploring current trends in men's and women's apparel.
Department: Business

FM 3900 - Fashion Sales Promotion

3 Credit(s) Hours: *3*
Fashion activities that promote and stimulate the sale of fashion goods, practical experience in the preparation of special events, sales promotions and publicity similar to those initiated by apparel manufacturers, wholesalers and retailers, and criteria to analyze and evaluate these activities.
Now listed as BF 3900
Prerequisite(s): FM 3700 **or** MM 3700 **or** MM 3800
Department: Business

French

FR 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of French is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

FR 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

FR 100 - Elementary French I

3 Credit(s) Hours: *3 hrs.*
For students with no previous training in the language, or, as indicated by the Language Placement Examination score. Emphasis on correct pronunciation through intensive oral practice, use of the language laboratory and audio-visual materials, acquisition of basic vocabulary and the elements of grammar for conversation, comprehension, reading and writing.
Not open to native speakers.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

FR 200 - Elementary French II

3 Credit(s) Hours: *3 hrs.*
Further development of language skills, comprehension, speaking, reading and writing.
Prerequisite(s): FR 100 **or** acceptable Language Placement Examination score
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

FR 300 - Intermediate French I

3 Credit(s) Hours: *3 hrs.*
Progressive development of language skills, based on foundations established in elementary French. Grammar review supplemented by readings of modern French literature.
Prerequisite(s): FR 200 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

FR 400 - Intermediate French II

3 Credit(s) Hours: *3 hrs.*
Advanced grammar, composition and reading of modern French authors.
Prerequisite(s): FR 300 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

FR 2200 - French Conversation

3 Credit(s) Hours: *3 hrs.*
Practice in conversational patterns and basic vocabulary leading to fluency in everyday situations.
Prerequisite(s): FR 100 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

FR 5700 - Haitian Culture and Civilization

3 Credit(s) Hours: *3 hrs.*
Chronological study of major trends and developments in Haitian culture and civilization from Columbus to the present. Political, literary and artistic movements, significant historical and intellectual figures and various areas of Haiti included.
Instruction is in English
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

Health Education

HE 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Health, Physical Education and Recreation

HE 1400 - Critical Issues in Personal Health

1 Credit(s) Hours: *2 hrs.*
Critical health issues from chronic diseases such as cancer, cardiovascular disease, and diabetes mellitus, to communicable diseases such as human immunodeficiency virus and other sexually transmitted infections. Students analyze the role of health risk behaviors in the development of disease, injury and disability, and design a personal wellness plan for health promotion.
Department: Health, Physical Education and Recreation

HE 2000 - Community CPR

1 Credit(s) Hours: *1 hr.*
Knowledge and basic skills necessary to meet respiratory and cardiac emergencies in adults, children and infants. Upon successful completion of this course, students will receive the American Red Cross Certificate for Community CPR.
Department: Health, Physical Education and Recreation

HE 2100 - Emergency Cardiac Care

1 Credit(s) Hours: *1 hr.*
Knowledge and skill required to meet cardiac emergencies including Adult CPR and use of the automated external defibrillator. Upon successful completion, students will receive the Red Cross Certificate for Adult CPR and AED.
Department: Health, Physical Education and Recreation

HE 2200 - Basic Life Support for the Healthcare Provider and First Aid

3 Credit(s) Hours: *3 hrs.*
Basic Life Support for the Healthcare Provider and First Aid will provide students with necessary lifesaving skills to work in a variety of healthcare settings. Students will learn to recognize and respond to a variety of life-threatening emergencies such as cardiac arrest, heart attack, stroke, diabetic emergencies, opioid associated emergencies, injury and environmental emergencies. Students will employ high-quality CPR in multi-rescuer BLS team response scenarios, effectively demonstrate the use of automated external defibrillator (AED), provide ventilations using a pocket mask and bag valve mask (BVM), and removal of foreign-body airway obstructions during choking emergencies for adults, children, and infants. Effective communication, teamwork, critical thinking, and problem-solving skills will be emphasized. Upon completion of course and certification requirements, students will have the ability to apply for the BLS for Healthcare Provider and a Heartsaver First Aid certification from the American Heart Association.
Department: Health, Physical Education and Recreation

HE 3300 - Stress Management

2 Credit(s) Hours: *2 hrs.*
To help students understand and cope more effectively with stress in their daily lives, course topics include: causes, components and consequences of stress, how to measure stress, and strategies/techniques to control stress.
Department: Health, Physical Education and Recreation

HE 3400 - Survey of Holistic Health Care

3 Credit(s) Hours: *3 hrs.*
Investigation of popular alternative health care therapies including mind/body interventions, manual healing, diet, nutrition and lifestyle changes, with an emphasis on understanding the theory, research, materials, and methodologies that underlie these different approaches to healing and wellness.
Department: Health, Physical Education and Recreation

HE 3500 - First Aid and Personal Safety

2 Credit(s) Hours: *2 hrs.*
Principles for first aid and personal safety in terms of theory and practice of first aid procedures. Qualified students receive American Red Cross Certification. Course fulfills the safety and first aid requirement for those contemplating a teaching career.
Department: Health, Physical Education and Recreation

HE 3800 - Women's Health Issues

3 Credit(s) Hours: *3 hrs.*
A comprehensive exploration of current health issues and their specific impact on women. The health concerns for each developmental phase of a woman's life are covered, with an emphasis on behaviors that can enhance wellness.
Department: Health, Physical Education and Recreation

HE 4200 - Health and Nutrition

3 Credit(s) Hours: *3 hrs.*
The role of nutrition in disease prevention and health promotion as outlined in the Surgeon General's report to the nation, Healthy People 2010. Students analyze the research linking foods, nutrients, phytochemicals, supplements, and herbs to the leading causes of morbidity in the United States. Students will design an optimal nutritional plan for lifelong wellness.
Department: Health, Physical Education and Recreation

HE 5000 - Weight Management

2 Credit(s) Hours: *2 hrs.*
Students will design a weight management program that emphasizes healthy food choices and consistent patterns of physical activity. Behavioral self-monitoring logs and in-class physical activity included.
Department: Health, Physical Education and Recreation

HE 5400 - Men's Health Issues

3 Credit(s) Hours: *3 hrs.*
Examination of men's health from multiple perspectives, historical and current. The impact of men's attitudes on health issues is emphasized. Men's health issues across the lifespan are addressed.
Department: Health, Physical Education and Recreation

HPE 1200 - Concepts of Wellness

3 Credit(s) Hours: *3 hrs.*
This fundamental course covers a broad spectrum of health-related topics to make students aware of the causes of mental and physical illnesses and their prevention, and demonstrates how lifestyle, perceptions, and decisions affect health. Guidelines and criteria presented to determine good mental, emotional, and physical health. Opportunities for personal assessment.
Department: Health, Physical Education and Recreation

HPE 1500 - Fitness Assessment and Prescription

2 Credit(s) Hours: *3 hrs.*
Learn principles of physical fitness. Complete a variety of fitness tests and crate a personal fitness program including aerobic an anaerobic activities. Develop muscular strength and endurance; improve body composition, cardiovascular fitness, and flexibility. Learn the variety of tools/equipment to achieve physical fitness.
Department: Health, Physical Education and Recreation

Health Science

HS 4000 - Drugs: The Individual and Society

3 Credit(s) Hours: *3 hrs.*
Provides students with an opportunity to gain a deeper perspective into the psychology of the dependent personality, reasons for drug use, misuse, abuse, and possible solutions.
(Previously HE 4000)
Flexible Core: Individual and Society (Group D)
Department: Health, Physical Education and Recreation

HS 4100 - Global Health Issues

3 Credit(s) Hours: *3 hrs.*
This course takes a comprehensive look at global health issues. The assessment of health issues will be analyzed from many different perspectives including geographic, ethnic, religious, human rights, socioeconomic, social, cultural, and political influences. Students will learn about global environmental causes and consequences of infectious diseases, major diseases, mental illness, natural disasters, malnutrition, drug and alcohol addiction, violence, and injuries.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Health, Physical Education and Recreation

HS 5200 - Human Sexuality

3 Credit(s) Hours: *3 hrs.*
This course explores sexual attitudes, behavior, and health across the lifespan. Examines sexual anatomy and physiology, reproductive health and rights, gender development and identity, intimacy and communication, birth control & contraception, sexual orientation, sexual response, sexual expression, sexual disorders, STIs & HIV, sexual assault, sex in the media, and sex work. It also investigates ecological influences on sexual attitudes and behavior and introduces sexuality theories and research.
(Previously HE 5200)
Flexible Core: Individual and Society (Group D)
Department: Health, Physical Education and Recreation

HS 6000 - Food Systems and Health

3 Credit(s) Hours: *3 hrs.*
Students will examine the connection between food systems and health. The role of food production, and urban and conventional agriculture will be examined through social, cultural, and health perspectives. Students will gain the ability to critically analyze food productions and current trends in good consumption and apply them to develop healthy eating strategies in their own lives. Issues of food safety, food justice, and food access will be addressed. Demonstrations and workshops on the KCC Urban Farm will be included.
Flexible Core: Individual and Society (Group D)
Department: Health, Physical Education and Recreation

Hebrew

HEB 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of Hebrew is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

HEB 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

HEB 100 - Elementary Hebrew I

3 Credit(s) Hours: *4 hrs.*
For students with no previous training in the language, or, as indicated by the Language Placement Examination score. Emphasis on correct pronunciation through intensive oral practice, use of language laboratory and audio-visual materials, acquisition of basic vocabulary and the elements of grammar for conversation comprehension, reading and writing.
Not open to native speakers.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

HEB 200 - Elementary Hebrew II

3 Credit(s) Hours: *4 hrs.*
Further development of language skills, comprehension, speaking, reading, and writing.
Prerequisite(s): HEB 100 **or** acceptable Language Placement Examination score **or** two years of high school Hebrew **or** equivalent
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

HEB 300 - Intermediate Hebrew I

3 Credit(s) Hours: *3 hrs.*
Progressive development of language skills, based on the foundations established in elementary Hebrew. Grammar review supplemented by readings of Modern Hebrew literature.
Prerequisite(s): HEB 200 **or** acceptable Language Placement Examination score **or** two years of high school Hebrew **or** equivalent
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

HEB 3000 - Hebrew Literature in Translation I

3 Credit(s) Hours: *3 hrs.*
Designed for non-Hebrew speaking students, course stresses reading and analysis of Hebrew classics in cultural and historical context.
All readings and discussions are in English.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

HEB 3100 - Hebrew Literature in Translation II

3 Credit(s) Hours: *3 hrs.*
Emergence of Hebrew writers in the modern world. Emphasis is on the main literary personalities of the 19th and early 20th centuries. Designed for non-Hebrew speaking students.
All readings and discussions are in English.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

History - United States History

HIS 100 - History of U.S. Cities

3 Credit(s) Hours: *3 hrs.*
Through interdisciplinary exploration of primary and secondary sources, the development of American cities over the last four centuries is examined. The important role of cities in the nation's economy, politics, and culture as well as how different groups within cities fought to shape the urban space will be explored.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1100 - U.S. History I: From the Pre-Colonial Period through the Civil War

3 Credit(s) Hours: *3 hrs.*
This class introduces students to historical developments that shaped this nation before and after its founding, such as slavery and the construction of race and racism; the fraught encounter between Native American peoples and white settlers; changes in the economy; debates over concepts such as freedom and liberty; the development of government structures; attempts by women, African Americans, and other disempowered groups to fight for their rights; and growing tensions over slavery, which would lead to the Civil War.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1200 - U.S. History II: from Post-Civil War to the Present

3 Credit(s) Hours: *3 hrs.*
This class introduces students to fundamental challenges the U.S. faced after the Civil War, such as integrating four million formerly enslaved people during Reconstruction; deciding which groups should be allowed in as immigrants; relating as a more powerful nation to the rest of the world; responding to economic crises like the Great Depression; adapting to urbanization and suburbanization; addressing political polarization; and responding to demands for greater rights from workers, people of color, women, and other disenfranchised groups.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1500 - Era of the Civil War: 1828 to 1877

3 Credit(s) Hours: *3 hrs.*
America, from the age of Jackson to Reconstruction, the growth of a national society, reform movements, the problem of slavery and race, sectionalism and nationalism, the Civil War and the triumph of American capitalism.
Flexible Core: Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1700 - U.S. History in a Global Context: From The Colonial Period Through The Civil War

3 Credit(s) Hours: *3 hrs.*
This course examines the period from the colonial period through the Civil War. It explores how U.S. history fits into the global context and investigates how such events and institutions as the American Revolution and American slavery can be better understood by examining them in a transnational historical context.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1800 - U.S. History in a Global Context:1865 to Present

3 Credit(s) Hours: *3 hrs.*
This course explores United States history in the context of global affairs from the late nineteenth century onwards. It investigates, for example, how the United States has defined itself in relation to the wider world; the rise of the Untied States as a global superpower; and the ways the United States interacts with peoples from around the world, both at home and abroad, have shaped the nation's history.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 1900 - Civil Rights and Related Movements

3 Credit(s) Hours: *3 hrs.*
This introductory course examines the 20th century struggle to include African Americans as full citizens and highlights the Civil Rights Movement's influence on Black Power, the Chicano movement, the United Farmworkers Movement, the American Indian Movement, the Women's Movement, and the LGBT Movement in the U.S., as well as international movements.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 2000 - U.S. Immigration History

3 Credit(s) Hours: *3 hrs.*
This course explores the history of migration to the United States. It investigates the experiences of diverse groups of migrants and examines the interactions between migrant and the nation, exploring the changing meaning of "foreign" and "American."
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 2100 - U.S. Popular Culture

3 Credit(s) Hours: *3 hrs.*
This class offers a survey of the history of United States popular culture from its earliest forms until today. It traces the development of popular culture media and content over time since the colonial period, with emphasis on theater, popular literature, music and film, television, advertising, social media, how popular culture reflects and incorporates United States social issues and change, and the relationships between cultural producers and consumers.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 4100 - History of Indigenous People in the United States

3 Credit(s) Hours: *3 hrs.*
This course examines the history of indigenous peoples from European contact to the present. Among the issues it addresses are: the diversity of indigenous cultures, U.S. government policy regarding indigenous people, political activism including the American Indian Movement and ongoing conflicts over land and sovereignty.
Department: History, Philosophy and Political Science

HIS 5000 - African American History

3 Credit(s) Hours: *3 hrs.*
This course introduces students to African American history from the colonial period to the present. It explores key aspects of the history of African Americans with specific emphasis on the enslavement of African people, the development of African American culture, the ways in which African Americans fought for their rights during slavery, Colonial and post-independence periods, Reconstruction, Jim Crow, and the civil rights era, and the important contributions that African Americans have made and continue to make to the nation's intellectual, political, social, and cultural life.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 5900 - Modern U.S. History from 1945 to the Present

3 Credit(s) Hours: *3 hrs.*
This class introduces students to an in-depth analysis of pivotal issues faced by the U.S. since the end of World War II, including postwar economic growth and suburbanization; the 1950s red scare; the emergence of the U.S. as a world super power and U.S. military engagements such as the Vietnam War; the rise of social protest movements around issues of race, gender, and sexuality; and post 1970s crises such as growing economic inequality, climate change, and political polarization.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 6200 - History of New York City

3 Credit(s) Hours: *3 hrs.*
The history of the City of New York from its founding to the present. New York City's development, its history, its origin as a Dutch trading post, position in colonial culture and society, role in the American Revolution and the founding of the American Republic, growth as a great commercial, transportation, manufacturing, and banking center, citizens' attitude toward slavery and race relations, importance as the center of immigration, growth and expansion into neighboring communities, and its problems and difficulties as a modern megalopolis.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 6800 - U.S. Women's History

3 Credit(s) Hours: *3 hrs.*
This class introduces students to diverse women's experiences and activism from the pre-colonial era to the U.S. present, including the women's suffrage movement, feminism, and movements led by women of color.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

HIS 6900 - American Jewish History

3 Credit(s) Hours: *3 hrs.*
Study of Jews within the context of American History, with emphasis on the settlement of America as part of the Diasporic experience. The historical causes for the unique aspects of American Judaism, economic and geographical mobility, the Jewish labor movement, the radical intellectuals of the '30's, and contemporary issues.
Department: History, Philosophy and Political Science

History - World History

HIS 3100 - Europe: Napoleon to Hitler, 1789 to 1945

3 Credit(s) Hours: *3 hrs.*
A social, cultural, political, and economic approach to the development of European civilization from the French Revolution to the 20th century. Emphasis is on industrialism, nationalism, imperialism, world wars, and totalitarianism.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 3200 - Modern China

3 Credit(s) Hours: *3 hrs.*
The reshaping of China and its revolutionary role in the modern world.
Flexible Core: Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 3300 - Africa: Past and Present

3 Credit(s) Hours: *3 hrs.*
The historical development of Africa with emphasis on the cultural interchange, colonialism and the nationalist revolts, new governments and the problem of modernization, conflicts of interest of the great powers, and 20th century nationalistic rivalries.
Department: History, Philosophy and Political Science

HIS 3400 - Military History

3 Credit(s) Hours: *3 hrs.*
Study of modern military history, the strategic, tactical, and technological factors relating to warfare including: classic warfare, the age of limited war, modern nationalism and total war, and modern guerrilla and contemporary warfare.
Department: History, Philosophy and Political Science

HIS 3600 - Europe in the Twentieth Century

3 Credit(s) Hours: *3 hrs.*
The transformation of European society in the 20th century. The political, military, economic and cultural factors as well as the social and technological changes which gave the 20th century its unique character.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 3700 - The Middle East: World War I to the Present

3 Credit(s) Hours: *3 hrs.*
Analysis of the major political, social, religious, economic and cultural developments in the Near East: attempts of Islamic society to adjust to the Western way of life, the rise of nationalism, the emergence of the State of Israel and the role of oil in world diplomacy.
Flexible Core: Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 4200 - The Caribbean: 1492 to the Present

3 Credit(s) Hours: *3 hrs.*
Development of the Caribbean Islands from 1492 to the present, including pre-Columbian cultures, European colonization and rivalries, slavery, and the development of modern Caribbean culture.
Department: History, Philosophy and Political Science

HIS 4400 - The Nazi Holocaust

3 Credit(s) Hours: *3 hrs.*
The rise of Nazism and its legislative, political, and destructive machinery, the internal life of the Jew in the Ghettos and Concentration Camps, the Jewish Councils and Resistance movements, the attitude of the "Free World," the Allies, the Church, negotiations for rescue, the scope of the Final Solution, and the literature of the Holocaust.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 5100 - The Ancient World

3 Credit(s) Hours: *3 hrs.*
Origins of civilization and the emergence of the great cultures of the Near East. The religious, social, economic, and political ideas and institutions of Egypt, Mesopotamia, the Hebrews, Greece, and Rome, which shaped Western civilization.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 5200 - Europe in the Middle Ages: Politics, Culture and Society

3 Credit(s) Hours: *3 hrs.*
Study of ideas, institutions, and culture of European Civilization from Late Antiquity through the Middle Ages and Early Modern Period. Topics surveyed include the political and spiritual transformation of the Roman Empire, Medieval monarchy, religion, commerce, and everyday intellectual life, and the transition into the Early Modern period marked by the Renaissance, the Reformation, and commercial exploration
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 5300 - Russian History: 1860 to the Present

3 Credit(s) Hours: *3 hrs.*
Reform and revolution in Russia and the establishment of the Soviet regime, analysis and evaluation of the U.S.S.R. under its several leaders, the crises of Soviet society, the collapse of the Soviet Union and the aftermath.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

HIS 5700 - Latin American History

3 Credit(s) Hours: *3 hrs.*
The development of Latin America from colonial times to the present, the intermingling of cultures, ideas, and the formation of a Latin American civilization.
Department: History, Philosophy and Political Science

HIS 6300 - History of Religion

3 Credit(s) Hours: *3 hrs.*
A survey of the historical development of the major religions in world civilizations, the ancient religions of Mesopotamia, Egypt, Persia, classical Greece and Rome, Christianity and Islam, and the religious traditions of India, China and Japan.
Department: History, Philosophy and Political Science

HIS 6400 - Modern Jewish History

3 Credit(s) Hours: *3 hrs.*
History of the Jewish people from the mid-17th century to the present. Topics include: the Messianic and Hassidic movements, enlightenment, emancipation and assimilation, the rise of new religious forms, the great migrations, nationalism, anti-Semitism, the growth of Hebrew and Yiddish literature, the emergence of Zionism and the establishment of the State of Israel.
Department: History, Philosophy and Political Science

HIS 6500 - Introduction to Modern Ideologies

3 Credit(s) Hours: *3 hrs.*
Revolutions and vast social movements characterized the 20th century. These events involved a great conflict of ideologies or points of views about capitalism, individuality and the power of the state. We examine the central ideologies of fascism, Marxism, communism and liberalism. In doing so, we look at the history of important historical figures such as Lenin, Hitler, Mussolini and Stalin.
Department: History, Philosophy and Political Science

HIS 7000 - Historical Geography

3 Credit(s) Hours: *3 hrs.*
Geographic sources, their interpretation and evaluation and development of student's geographical sense to gain greater insight and understanding in learning history, or any other liberal arts discipline. A survey of the history, methodology and various theoretical approaches to geography, practical training in map-reading skills, interpretation and library organization and utilization.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

History - Non-Designated

For Independent Studies and Topical/Pilot courses, content will determine if the course is deemed as United States History or World History.

HIS 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of history is developed individually between student and faculty member and must be approved by the Department.
Department: History, Philosophy and Political Science

HIS 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: History, Philosophy and Political Science

Humanities

HUM 200 - Early Literacy and Children's Literature

2 Credit(s) Hours: *2 hours*
Children's literature and early literacy skills in the Early Childhood curriculum. Students will read, discuss and write about children's literature and its relationship to whole language and literacy.
Department: Behavioral Sciences

HUM 8181 - Development of Literacy in Children

1 Credit(s) Hours: *1 hr.*
Students explore aspects of literacy in children via the humanities and communication arts.
Department: Behavioral Sciences

Humanities: College Now

HUM 100 - Modern Humanities: Arts and Ideas

3 Credit(s) Hours: *3 hrs.*
Course explores literature, drama, art, and music in today's world. Attempts are made to place 20th century developments into a historical context and illustrate the continuity of culture.
Prerequisite(s): Enrollment in "College Now" Program
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

Italian

IT 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of Italian is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

IT 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

IT 100 - Elementary Italian I

3 Credit(s) Hours: *3 hrs.*
For students with no previous training in the language, or, as indicated by the Language Placement Examination score. Emphasis on correct pronunciation through intensive oral practice, use of the language laboratory and audio-visual materials, acquisition of basic vocabulary and the elements of grammar for conversation, comprehension, reading and writing.
Not open to native speakers.
Flexible Core: Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

IT 200 - Elementary Italian II

3 Credit(s) Hours: *3 hrs.*
Further development of language skills, comprehension, speaking, reading and writing.
Prerequisite(s): IT 100 **or** acceptable Language Placement Examination score
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

IT 300 - Intermediate Italian I

3 Credit(s) Hours: *3 hrs.*
Progressive development of language skills, based on foundations established in elementary Italian. Grammar review supplemented by readings of modern Italian literature.
Prerequisite(s): IT 200 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

IT 400 - Intermediate Italian II

3 Credit(s) Hours: *3 hrs.*
Advanced grammar, composition and reading of modern Italian authors.
Prerequisite(s): IT 300 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

IT 2200 - Italian Conversation

3 Credit(s) Hours: *3 hrs.*
Practice in conversation on an elementary level. Emphasis on the vocabulary and idioms of everyday usage.
Prerequisite(s): IT 100 **or** equivalent
Department: Communications and Performing Arts

IT 3000 - Literature in Translation

3 Credit(s) Hours: *3 hrs.*
For **non-Italian** speaking students. Course includes reading and analysis of representative works of Italian literature in their cultural and historical context.
Reading and discussion in English.
Prerequisite(s): ENG 1200
Department: Communications and Performing Arts

IT 7000 - Italian Cinema

3 Credit(s) Hours: *3 hrs.*
History of Italian Cinema from the silent era and Fascist period to the present, with emphasis on postwar neorealism and the major directors of the sixties and seventies. Films in Italian with English subtitles.
Instruction is in English.
Prerequisite(s): ENG 1200
Department: Communications and Performing Arts

Journalism

JRL 3100 - News Literacy

3 Credit(s) Hours: *3 hrs.*
A survey of the field of media literacy, using media forms and content to form opinions on the validity and credibility of the news. An understanding of foundational theories, concepts, projects and current practices by modern news organizations, with an emphasis on the digital media environment.
Department: Communications and Performing Arts

JRL 3200 - News Writing

3 Credit(s) Hours: *3 hrs.*
Introductory study of newspaper techniques, research, in-depth coverage, interviews, factchecking, profiles, reviews, editing, opinion-based reporting, freedom of the press, legalities
Department: Communications and Performing Arts

JRL 4400 - Feature and Magazine Writing

3 Credit(s) Hours: *3 hrs.*
The techniques of writing feature news stories that require understanding basic news writing combined with the ability to utilize the creative approach contained in human interest stories.
Prerequisite(s): JRL 3100
Department: Communications and Performing Arts

JRL 4500 - Multimedia Journalism

3 Credit(s) Hours: *3 hrs.*
Fundamental principles of multi-platform journalism. Writing and reporting for the web, creation of basic audio, video, social media-driven and visual texts, introduction to the tools of multi-platform journalism in both theory and practice.
Department: Communications and Performing Arts

JRL 4600 - Legal Ethics in Journalism

3 Credit(s) Hours: *3 hrs.*
A critical examination of journalism as a profession with a role in democratic governance. Students will focus on legal and ethical issues often encountered by journalists. There are areas of law that are often implicated in the world of journalism. Those areas of law are the following: US Media Law and the First Amendment, as well as Intellectual Property law, trademark and copyright law, US Media Policy History. Digital and satellite challenges for policy and law. Theories of public interest and deregulation. Cultural and political implications of law and policy.
Department: Communications and Performing Arts

JRL 4700 - Entrepreneurial Journalism

3 Credit(s) Hours: *3 hrs.*
A dissection and understanding, through theory and practice of the objectives, rationale and day to day operations of running an independently-owned news publication, site or app.
Department: Communications and Performing Arts

JRL 7000 - Scepter Practicum

1 Credit(s) Hours: *2 hrs.*
Practical and professional experience working on print and digital publications. Students are assigned to work on covering the news of a community college, as well as the surrounding neighborhood. Over the course of the practicum, students will also learn basic newspaper layout, website design, photo and audio editing and social media for journalists.
Department: Communications and Performing Arts

JRL 9249 - Journalism Internship

3 Credit(s) Hours: *3 hrs.*
Practical and professional experience working for a community newspaper/ public/community relations firm or indie print and digital publications. While there, students are assigned to work on covering community news, learning basic newspaper/website layout, website design, photo and audio editing and social media for journalists.
Prerequisite(s): JRL 3200 **and** JRL 7000
Department: Communications and Performing Arts

Maritime Technology

MT 3000 - Introduction to Maritime Technology

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
An introduction to seamanship, including Maritime career opportunities and required training, nautical terminology, boating laws and regulations and types of engines.
Prerequisite(s): Enrollment in the "College Now" Program
Department: Tourism and Hospitality

MT 3300 - Vessel Technology I

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
Seamanship theory and fundamentals of vessel operations, including vessel handling, piloting, major phases of applied engineering technology, operating rigging and deck machinery. Extensive on-board training for operations in tight quarters and open sea. Consideration of Coast Guard procedures, towing, vessel stability and meteorology.
Prerequisite(s): Open only to Maritime Technology Majors.
Department: Tourism and Hospitality

MT 3400 - Vessel Technology II

3 Credit(s) Hours: *5 hrs.*
Practical experience aboard vessels engaged in party-and-charter-boat fishing, oceanographic survey work, vessel delivery and cruising. Day and overnight cruises aboard the R/V CUNY at Kingsborough vessel. Introduction to maritime industry opportunities.
Prerequisite(s): MT 3300
Department: Tourism and Hospitality

MT 4300 - Marina Operations

3 Credit(s) Hours: *4 hrs.*
Basic skills required to operate a full service marina or boatyard includes, dock and storage facilities, parts and service department, boat engine sales, ship's store, and business and marketing. Consideration of marina products in relation to operations and clientele.
Department: Tourism and Hospitality

MT 4600 - Coastal Piloting and Seamanship

4 Credit(s) Hours: *6 hrs.*
Introduction to nautical chart work, coastal piloting and the principles of general seamanship. Marine compass, nautical charts, piloting, tides and currents, position determination, navigational aids and electronic navigation are covered. Also included are the seamanship principles of life saving, firefighting, the Rules of the Road and marlinspike seamanship. Two hands-on cruises, Jamaica Bay and New York Harbor, are included.
Department: Tourism and Hospitality

MT 5000 - Introduction to Outboard Motors

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
The principles of the internal combustion gasoline engine are covered. Included are the topics of construction, testing and maintenance of these engines as well as the methods of converting the generated energy into vessel propulsion. Propulsion topics primarily focus on outboards and out-drives.
Department: Tourism and Hospitality

MT 5100 - Introduction to Diesel Engines

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
The principles of the diesel engine operation, construction, testing and maintenance are covered. Troubleshooting and the emergency repairs of these engines as well as the difference between two-cycle and four-cycle diesel are reviewed.
Department: Tourism and Hospitality

MT 5200 - Welding

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
This course covers the basic skills required for maintaining and repairing steel and aluminum vessels, also included is the fabrication of stainless steel items. Emphasis is placed on welding safety and making emergency repairs.
Department: Tourism and Hospitality

MT 5300 - Fiberglass, Refrigeration and Hydraulic Repairs

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
This course covers the basic skills required for maintaining and repairing fiberglass hulls. The basic principles of hydraulic and refrigeration systems and common ship board system designs are presented. Installation, application, operation, maintenance and troubleshooting of vessel hydraulic and refrigeration systems are covered.
Department: Tourism and Hospitality

MT 5400 - Low Voltage Electrical Systems

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
This course is designed to give the student the background necessary to be able to read and implement the directions common in most marine electronics manuals. The course focuses on series and parallel circuits, low voltage AC and DC systems, hull wiring, and the installation of common marine electronics including echo-sounders, chart plotters, RADAR, loran, GPS, VHF, and SSB radios.
Department: Tourism and Hospitality

MT 5500 - Marine Electronics

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
This course is designed to give the student the background necessary to be able to read and implement the directions common in most marine electronics users manuals as well as develop the skills necessary to properly operate representative models of the more common forms of marine electronics. Through lecture and lab work in the college's ship bridge simulator, the student will develop skills in radio telephones, RADAR, SONAR, GPS, and electronic chart plotters as well as LORAN-C. Utilizing the ship simulator, students will learn the proper radio protocol and procedures and how to send a distress signal.
Prerequisite(s): MT 4600
Department: Tourism and Hospitality

MT 5600 - Advanced Outboards

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
Builds upon the theory and practical knowledge learned in *Introduction to Outboards*, as it applies to current outboard technology. Ignition systems, lower units/gear cases, and periodic maintenance are covered.
Prerequisite(s): MT 5000
Department: Tourism and Hospitality

MT 5700 - Vessel Systems, Theory, Maintenance and Troubleshooting

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. laboratory)*
Builds upon knowledge of the following systems: domestic water and sanitation plumbing, engine cooling systems, fuel systems tanks, delivery and external filtering systems, AC power generators and distribution, steering systems, and advanced data and power distribution networks, including NMEA 0183, NMEA 2000, and CAN Bus networks. Emphasis will be placed on troubleshooting and repair of each system. Students will use Microsoft Visio® software to document vessel systems for service purposes.
Prerequisite(s): MT 5300 and MT 5400
Department: Tourism and Hospitality

MT 5800 - Advanced Welding

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. laboratory)*
Builds on the knowledge and skills acquired in the prerequisite Welding course. Two new processes will be covered: Tungsten Inert Gas welding (TIG) and Shielded Metal Arch Welding (SMAW). Emphasis is placed on safe and proper setup and operation of equipment.
Prerequisite(s): MT 5200
Department: Tourism and Hospitality

Mass Communications

MCB 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of mass communications is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

MCB 92XX - Internship

3 Credit(s) Hours: *3 hrs.*
Applied work/study at professional broadcasting organizations.
Department: Communications and Performing Arts

MCB 3900 - Radio Studio Operations

3 Credit(s) Hours: *3 hrs.*
Introduction to operational and technical aspects of broadcast audio equipment, and of the media. Various uses of all studio equipment.
Department: Communications and Performing Arts

MCB 4000 - Introduction to Pro Tools

3 Credit(s) Hours: *3 hrs.*
The essential Pro Tools principles from initial setup to final mix in both music and post scenarios offering hands-on practical experience on the most widely used audio production software in the industry. The course examines recording, editing, and mixing, covering a multitude of new functions and feature enhancements including introduction to Clip Gain, AudioSuite functionality, Real Time plugins, and MIDI, providing students with the foundation to explore career tracks in music, television, and motion picture sound editing and mixing.
Department: Communications and Performing Arts

MCB 4100 - Television Studio Production

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab)*
Students learn the major tools of television studio production and how to use production techniques effectively from preproduction to live-on-file productions. Students attain a high level of comprehension on various studio equipment, production concepts, and problem solving leading to advanced studio-based multi-camera short segment television productions.
Department: Communications and Performing Arts

MCB 4600 - Media Technology

3 Credit(s) Hours: *3 hrs.*
A survey course designed for non-engineers covering motion picture, television, and radio technology with an emphasis on professional industry trends and workflows by providing a guide to understanding the technical world of radio and television broadcast engineering covering standards, video servers, editing, electronic newsrooms, and more.
This is a required course for all Broadcast Majors.
Department: Communications and Performing Arts

MCB 4900 - Media Production and Editing

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. laboratory/week)*
Introduces remote, not studio, single and multiple camera production and editing. Students learn the principles of remote camera operation and post-production editing with an emphasis on electronic news gathering/electronic field productions. Students prepare their own news media packages.
Department: Communications and Performing Arts

MCB 5000 - Writing for the Electronic Media

3 Credit(s) Hours: *3 hrs.*
Introduction to the various types of writing used in the electronic media and research necessary for each: commercials, news, reports, promotional and programming material, public service announcements, industrial and educational programs.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Tests in Reading and Writing
Department: Communications and Performing Arts

MCB 5100 - Advanced Media Production and Editing

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. laboratory/week)*
Advanced remote, not studio, single and multiple camera production and editing. Students build on introductory techniques and concepts and apply them to this course which emphasizes the television news magazine format. Students prepare their own advanced single and multiple camera news magazine media packages.
Prerequisite(s): MCB 4900
Department: Communications and Performing Arts

MCB 5200 - Video Editing with Media Composer

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab)*
This course is designed to get students up-and-running on the industry standard software used to edit movies, documentaries, and television shows by developing an understanding of the editing craft, the aesthetic, technical, and organizational skills required to take a project from start to finish.
Department: Communications and Performing Arts

MCF 4000 - Film: The Creative Medium

3 Credit(s) Hours: *3 hrs.*
To recognize the film medium as a creative art, students are introduced to the key elements of cinematic form: narrative, mise-en-scène, cinematography, editing, sound, and acting. Key concepts are illustrated through the viewing and analysis of select short and feature-length films.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

MCF 4300 - Film Genre

3 Credit(s) Hours: *3 hrs.*
The mass medium of film and its ability to reflect and influence a wide variety of sociological and psychological events and trends, as seen through a particular genre and analyzed in a study of selected films. The genre will change each semester (i.e., film noir, animation, and the documentary, western).
Flexible Core: Creative Expression (Group C)
Recommended: MCF 4000
Department: Communications and Performing Arts

MCF 4400 - Film and Society

3 Credit(s) Hours: *3 hrs.*
A view of the motion picture industry's depiction of and/or commentary upon various social issues. Topics may include women, politics, war and minorities.
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

MCM 3000 - Mass Media

3 Credit(s) Hours: *3 hrs.*
Analysis of mass media to discover the way information is perceived and influences behavior. Extensive use is made of film and video resources to examine the message systems employed by individuals, groups, institutions and politics. Focus is on books, news radio, film, television, advertising and social media.
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

Mass Communications: College Now

COM 1100 - Mass Communications

3 Credit(s) Hours: *3 hrs.*
The study of mass communications and their effects on society and interpersonal communication through both historical and contemporary views. Communications systems, including print, film, and electronic media, will be considered with an emphasis on relevant speaking skills.
Prerequisite(s): Enrollment in the "College Now" Program
Department: Communications and Performing Arts

Mathematics - Corequisite Courses

MAT 9B0 - College Algebra for STEM Majors

3 Credit(s) Hours: *6 hrs. laboratory*
A comprehensive treatment of the following: real numbers, absolute value, integer and rational exponents, polynomial operations, factoring techniques, roots and radicals, linear and quadratic equations, graphing techniques, systems of linear equations, Gaussian elimination. Introduces the study of functions in preparation for the study of calculus and pre-calculus.
Students who have completed MAT 900 or MAT 9010 will <u>not</u> receive credit for this course.

This course is recommended for STEM majors. Nursing students should consult their academic advisor.
Prerequisite(s): (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficient per CUNY Guidelines
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 20B0 - Statistics with Algebra

3 Credit(s) Hours: *6 hrs. laboratory*
Introduction to statistics, with integrated algebra. Students will apply algebraic techniques and mathematical models to solve verbal problems. Statistical data are interpreted and analyzed. Students will demonstrate ability to communicate quantitative analysis and evaluate solutions. Statistics topics are descriptive measures, probability theory, the normal distribution, hypothesis testing, and regression analysis. This course is intended for students who want a first course in statistics and need strengthening in intermediate algebra.
Students who have completed MAT 19A0 or MAT 2000 or MAT 2010 or MAT 2200 /BA 2200 or MAT 9100 /BIO 9100 will not receive credit for this course *(Added to Catalog for Spring 2024)*
Prerequisite(s): (1) Successful completion of the CUNY Mathematics remediation; or (2) Math Proficiency per CUNY Guidelines
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 500 - Introduction to Mathematical Thought

3 Credit(s) + 4 Equated Credit(s) Hours: *7 hrs.*
This course emphasizes quantitative reasoning skills for informed citizens to understand the world around them. Topics include basic probability, data analysis, solution of elementary Algebraic equations, word problems and modeling data.
Students who have completed MAT 4A0 Mathematical and Quantitative Reasoning w**ill not receive credit for this course. This course is intended for Non-STEM majors. This course is NOT intended for students planning on taking** MAT 900 - College Algebra
Prerequisite(s): For students who are eligible for a corequisite course per CUNY Math placement guidelines and are in need of developmental support.
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 2010 - Statistics with Elementary Algebra

3 Credit(s) Hours: *6 hrs. laboratory*
Introduction to statistics, with integrated pre-algebra and algebra. Main statistics topics are descriptive measures, probability theory, the normal distribution, hypothesis testing, and regression analysis. This course is intended for students who have not achieved CUNY mathematics proficiency, and who want a first course in statistics.
Students who have taken MAT 19A0 or MAT 2000 or MAT 20B0 or MAT 2200 or BA 2200 or MAT 9100 or BIO 9100 will not receive credit for this course.
Prerequisite(s): For students who are eligible for a corequisite course per CUNY Math placement guidelines and are in need of developmental support.
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 9010 - Introduction to Mathematics with College Algebra

3 Credit(s) Hours: *6 hrs. laboratory*
This course is designed to provide students with an understanding of algebraic concepts, and skill and practice in the manipulation and utilization of these concepts. Such a background is essential for later mastery of a wide variety of courses in mathematics, computer studies, the sciences, and other areas. Topics include real numbers, absolute value, integer and rational exponents, polynomial operations, factoring techniques, roots and radicals, linear and quadratic equations, graphing techniques, systems of linear equations, Gaussian elimination, and an introduction to the study of functions.
Students who have taken MAT 900 or MAT 9B0 will <u>not</u> receive credit for this course.

This course is recommended for STEM majors. Nursing Students should consult their academic advisor.
Prerequisite(s): For students who are eligible for a corequisite course per CUNY Math placement guidelines and are in need of developmental support.
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

Mathematics

MAT 4A0 - Mathematical and Quantitative Reasoning

3 Credit(s) Hours: *3 hrs.*
This course enhances students' quantitative reasoning and mathematical skills useful in solving problems in mathematics and in other fields of study. Students learn to communicate solutions to mathematical problems in written and oral form. Topics include mathematical modeling, financial mathematics, units, percentages and statistical reasoning. **Students who have completed MAT 500 will <u>not</u> receive credit for this course. This course in intended for Non-STEM majors. This course is NOT intended for students planning on taking MAT 900 College Algebra**
Prerequisite(s): (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficiency per CUNY guidelines.
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 19A0 - Statistics and Probability in Today's World

3 Credit(s) Hours: *3 hrs.*
Concepts of statistics and probability, their application to today's world and the ethical use of data to analyze problems and questions. Topics include tabulation and graphing of distributions, central and dispersal tendencies, comparison techniques, correlations and predictive techniques. Instruction and practice in the use of statistical calculators.
Students who have completed MAT 2000 or BA 2200/MAT 2200 or MAT 9100/BIO 9100 will not receive credit for this course.
Prerequisite(s): MAT R300 **or** MAT 9B0
Department: Mathematics and Computer Science

MAT 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of mathematics is developed individually between student and faculty member and must be approved by the Department.
Department: Mathematics and Computer Science

MAT 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Mathematics and Computer Science

MAT 700 - Principles of Mathematics

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
A basic course in mathematical discovery. Students participate in the development and investigation of topics such as number sequences, calculating devices, extrapolation, mathematical mosaics and curves, probability and topology.
Students who have completed MAT 9B0 will <u>not</u> receive credit for this course.
Prerequisite(s): (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficiency per CUNY guidelines.
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 800 - Practical Mathematics for Today's World

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Critical-thinking and mathematical skills useful in making informed decisions on many aspects of modern life involving quantitative concepts. Topics include logical analysis and inference, mathematics of finance, statistical reasoning and probability.
Prerequisite(s): (1) Successful completion of CUNY Mathematics remediation; or (2) Mathematics Proficiency per CUNY guidelines.
Required Core: Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 900 - College Algebra

3 Credit(s) Hours: *4 hrs.*
A comprehensive treatment of the following: real numbers, absolute value, integer and rational exponents, polynomial operations, factoring techniques, roots and radicals, linear and quadratic equations, graphing techniques, systems of linear equations, and Gaussian elimination. Introduces the study of functions in preparation for the study of pre-calculus. Demonstration of proficiency in subject matter via departmental final exam is required for successful completion.
Students who have completed MAT 9010 or MAT 9B0 will <u>not</u> receive credit for this course.

This course is recommended for STEM majors. Nursing students should consult their academic advisor.
Prerequisite(s): (1) MAT R300 **or** (2) CUNY Proficiency **AND** ACCUPLACER (QAS) placement of MAT 900
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 1000 - College Trigonometry

3 Credit(s) Hours: *3 hrs.*
Functions, graphing techniques, angle measurement, functions of right angles, linear interpolation, inverse functions, laws of Sine's and Cosines, circular functions, formulas, identities, waves and conditional equations.
Prerequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900
Department: Mathematics and Computer Science

MAT 1100 - Finite Mathematics

4 Credit(s) Hours: *4 hrs.*
Analysis of polls, linear programming by graph, introduction to probability, games and game theory, Markov chains, growth and decay problems, savings plans, annuities, amortization and other problems in the mathematics of management, such as PERT, simulation and forecasting. Calculators and/or minicomputers are used to do calculations. Designed as an elective for liberal arts or business students interested in some practical problems solved by mathematics.
Prerequisite(s): MAT 9B0 **or** MAT 900
Department: Mathematics and Computer Science

MAT 1200 - Concepts of Modern Mathematics

4 Credit(s) Hours: *4 hrs.*
Introduction to the spirit of mathematical investigation and mathematical logic including: the prime numbers, the Fundamental Theorem of Arithmetic, the rational and irrational numbers, tiling, congruence and number bases.
Prerequisite(s): MAT 900
Department: Mathematics and Computer Science

MAT 1300 - Survey of Mathematics and Computer Concepts

4 Credit(s) Hours: *4 hrs.*
To introduce A.A. and A.A.S. students to several branches of mathematics, topics include: probability and statistics, computer programming, logic, the real number system, and linear programming.
Prerequisite(s): MAT R300 **or** MAT 9010 **or** MAT 9B0 **or** MAT 900
Department: Mathematics and Computer Science

MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
This pre-calculus course stresses real numbers, open sentences, functions and relations, and serves as an introduction to analytic geometry and to probability. Recommended for students planning to continue with calculus and/or mathematics electives.
Prerequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900 with a grade of "C" or higher
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 1500 - Calculus I

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
The first part of a three-semester integrated course in the elements of coordinate geometry, differential and integral calculus, with applications. Algebraic functions of a single variable, the derivative, differentiation formulas, and application to geometry, physics and maximization.
Prerequisite(s): MAT 1400 with a grade of "C" or higher **and** MAT 1000
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 1600 - Calculus II

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Continuation of MAT 1500, the course focuses on integration of functions of one variable with applications. Topics include: techniques of integration, finding areas, volumes and arc length, improper integrals, sequences, series, Maclaurin and Taylor series.
Prerequisite(s): Grade of "C" or better in MAT 1500
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 2000 - Elements of Statistics

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Introduction to probability and statistics including: tabulation and graphing of distributions, central and dispersion tendencies, comparison techniques, correlations and predictive techniques. Recommended for students planning careers in economics, education, psychology, sociology, computer information systems, occupational therapy and physician assistant.
Students who have completed MAT 19A0 or MAT 2010 or MAT 20B0 or MAT 2200/BA 2200 or MAT 9100/BIO 9100 will not receive credit for this course.

Students who do not meet the prerequisites should enroll in MAT 2010
Prerequisite(s): (1) MAT R300 **or** (2) MAT 9B0 **or** (3) MAT 9010 **or** (4) CUNY Proficiency **AND** ACCUPLACER (QAS) placement of MAT 900
Required Core: Mathematical and Quantitative Reasoning
Department: Mathematics and Computer Science

MAT 2100 - Calculus III

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Continuation of MAT 1600 with emphasis on partial differentiation, polar coordinates, multiple integration, solid geometry, vectors, and hyperbolic functions.
Prerequisite(s): MAT 1600 with a grade of "C" or better
Department: Mathematics and Computer Science

MAT 2200 - Business Statistics

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Cross-Listed With: BA 2200
An introduction to probability and statistics as they apply to business applications including data summary measures, discrete random variables and probability distributions, sampling methodologies and analysis, hypothesis testing and regression analysis. Special emphasis will be given to solutions of practical business problems.
Students who have completed MAT 19A0 or MAT 2010 or MAT 2000 or MAT 9100/BIO 9100 will not receive credit for this course.
Prerequisite(s): (1) MAT R300 **or** (2) MAT 9B0 **or** (3) MAT 9010 **or** (4) CUNY Proficiency **AND** ACCUPLACER (QAS) placement of MAT 900
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

MAT 2500 - College Geometry

4 Credit(s) Hours: *4 hrs.*
Geometry is presented as a branch of contemporary mathematics involving the interrelated study of Euclidean plane and solid geometry with an introduction to non-Euclidean geometrical systems.
Prerequisite(s): MAT 900
Department: Mathematics and Computer Science

MAT 3000 - Introduction to Mathematical Concepts in Proof

1 Credit(s) Hours: *2 hrs. (2 hrs. lab)*
This course introduces majors in mathematics to the critical skill of reading and writing formal proofs; and serves as a bridge to the more advanced mathematics they will study at the baccalaureate level and beyond. Expected topics include: basic set theory, logic counting principles, direct proof, contrapositives, contradictions, non-conditionals, counter examples, induction, relations, functions, and cardinality.
Prerequisite(s): MAT 1400
Department: Mathematics and Computer Science

MAT 3200 - Introduction to Set Theory

4 Credit(s) Hours: *4 hrs.*
The course covers the discovery of basic properties of infinite sets and the historical development of Set Theory as the foundation of mathematics. Topics will include the foundational role of sets in mathematics, well-orderings, ordinals, cardinals, power sets and Cantor's theorem, Continuum Hypothesis, early set theoretic paradoxes, the Zermelo-Fraenkel axioms, Axiom of Choice, Von-Neumann's cumulative hierarchy of sets, and Gödel's first Incompleteness Theorem.
Prerequisite(s): MAT 1400 with a grade of "C" or better
Department: Mathematics and Computer Science

MAT 5500 - Differential Equations

3 Credit(s) Hours: *4 hrs.*
The solution of ordinary linear differential equations, operational techniques, solution by series, numerical solutions, Laplace transforms, and applications in engineering and the sciences.
Prerequisite(s): MAT 1600 with a grade of "C" or better
Department: Mathematics and Computer Science

MAT 5600 - Linear Algebra

3 Credit(s) Hours: *4 hrs.*
Study of vector spaces, matrix algebra transformation, and vector analysis.
Prerequisite(s): MAT 1500 with a grade of "C" or better
Department: Mathematics and Computer Science

MAT 7100 - Applications of Linear Algebra and Vector Analysis

4 Credit(s) Hours: *4 hrs.*
The course presents the theory of linear systems and vector analysis and their applications through two mutually reinforcing components. The first is modeling, the derivation of governing equations from physical principles. The second is solution techniques and algorithms for solving such equations. The course will illustrate and explain basic techniques - including dynamical systems modeled by linear differential equations, image processing, boundary value problems, and solution techniques such as Fourier Transform and Laplace Transform - that are used in *real-world* problems of the type encountered in applied mathematics, engineering, and science. The course will also explain how these mathematical techniques are derived from basic mathematical principles.
Prerequisite(s): MAT 5600
Department: Mathematics and Computer Science

MAT 9100 - Biostatistics

4 Credit(s) Hours: *4 hrs.*
Cross-Listed With: BIO 9100
An introduction to the theories and techniques relating to probability, statistics and data analysis as pertaining to biology. Discrete and continuous probability distributions are studied including binomial, normal and t-distributions. Classical and Bayesian statistics, estimation, hypothesis testing will be emphasized. SPSS software will be introduced and used in the laboratory achievements.
Students who have completed MAT 19A0 or MAT 2010 or MAT 2000 or MAT 2200 /BA 2200 will not receive credit for this course.
Prerequisite(s): MAT 9010 **or** MAT 9B0 **or** MAT 900
Required Core: Mathematical and Quantitative Reasoning
Flexible Core: Scientific World (Group E)
Department: Mathematics and Computer Science

Developmental/Equated Credit Mathematics

MAT M100 - Pre-Algebra

0 Credit(s) 4 Equated Credit(s) Hours: *4 hrs.*
Arithmetic stressing quantification and manipulative skills and applications for students who are deficient in that subject. Required of all students who fail the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math. *Demonstration of proficiency in subject matter via exit exam is required for successful course completion.*
Students may not repeat MAT M100 after receiving two (2) "R" grades. Developmental Course
Prerequisite(s): Score of 20 to 39 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math and either a passing score on the CUNY Assessment Test in Reading **or** demonstration of reading proficiency **or**
Corequisite(s): ENG 92A6
Department: Mathematics and Computer Science

MAT M200 - Elementary Algebra

0 Credit(s) 4 Equated Credit(s) Hours: *4 hrs.*
Coverage of fundamental topics in elementary algebra for students who fail the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math.
Students may not repeat M200 after receiving two (2) "R" grades. Developmental Course
Prerequisite(s): (1) Score of 40 to 56 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math **or** (2) passing score in MAT M100, **or** (3) passing score in MAT X100, **or** (4) successful completion of a Kingsborough math workshop culminating in passing the Mathematics Department Pre-Algebra exam
Department: Mathematics and Computer Science

MAT R300 - Elementary Algebra II

0 Credit(s) 4 Equated Credit(s) Hours: *4 hrs.*
Topics in elementary algebra. This course is designed for students who have not achieved the elementary algebra proficiency level required for MAT 900, MAT 1300, MAT 2000, MAT 19A0, and MAT 2200/BA 2200.
Demonstration of proficiency in subject matter via Department final exam is required for successful course completion. Developmental Course
Prerequisite(s): (1) Successful completion of CUNY Mathematics remediation; **or** (2) Math Proficiency per CUNY guidelines.
Department: Mathematics and Computer Science

MAT X100 - Pre-Algebra

0 Credit(s) 1 Equated Credit(s) Hours: *10 hrs.*
An express course offered to students who achieve the non-passing score of 31 to 39 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math
Demonstration of proficiency in subject matter via exit exam is required for successful course completion. Developmental Course
Prerequisite(s): Score of 31 – 39 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math **and** either a passing score on the CUNY Assessment Test in Reading **or** demonstration of reading proficiency
Department: Mathematics and Computer Science

MAT X200 - Elementary Algebra

0 Credit(s) 1 Equated Credit(s) Hours: *10 hrs.*
An express course offered to students who achieve the non-passing score of 50 to 56 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math.
Developmental Course
Prerequisite(s): Score of 50 – 56 on the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math
Department: Mathematics and Computer Science

Mathematics - College Now

MAT 1CN - Introduction to Algebra

0 Credit(s) Hours: *4 hrs.*
Designed to help students pass the Mathematics A High School Regents Exam. Topics include: number concepts, algebraic reasoning, introductory geometry, the coordinate plane and probability.
Prerequisite(s): Students that the high school identifies as being in need of extra assistance in order to pass the Mathematics A Regents Exam on the first try **or** students who have taken and failed the Mathematics A Regents Exam **and** enrollment in the "College Now" Program
Department: Mathematics and Computer Science

MAT 3CN - Intermediate Algebra

0 Credit(s) Hours: *4 hrs.*
Designed to help students pass the Mathematics B High School Regents Exam. Inequalities, rational expressions, exponents, quadratic equations, radicals, complex numbers, functions, logarithms and exponential functions.
Prerequisite(s): Students that the high school identifies as being in need of extra assistance in order to pass the Mathematics B Regents Exam on the first try **or** students who have taken and failed the Mathematics B Regents Exam **and** enrollment in the "College Now" Program
Department: Mathematics and Computer Science

Mental Health and Human Services

MH 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Conflict and conflict resolution are present in every human endeavor. This independent study is designed to explore various aspects of conflict resolution as it relates to our contemporary mental health and human services system in the United States. Specific areas of research will be developed individually between the student and faculty member and must be approved by the Department.
Department: Allied Health, Mental Health and Human Services

MH 1100 - Introduction to Human Services

3 Credit(s) Hours: *3 hrs.*
Introduction to the nature and scope of human services in America today. A variety of human services, settings and programs, career options, including occupational therapy, social work, psychology, art and dance therapy, counseling, mental health and gerontology will be described. Prevention efforts, the effect of social policies on provision of needed services, the development of the human services movement will be examined in the light of changing societal values.
Open to all students.
Department: Allied Health, Mental Health and Human Services

MH 3000 - Human Services Organization

3 Credit(s) Hours: *3 hrs.*
Development, functions, and purposes of human services organizations. Types of human services organizations are described with emphasis on the duties and roles of workers and supervisors and the effects of policies, practices, and pressures of the agency upon the worker.
Department: Allied Health, Mental Health and Human Services

MH 3100 - Principles of Interviewing and Group Leadership

3 Credit(s) Hours: *3 hrs.*
Basic principles of gathering information through the use of interviewing techniques. The nature of group formation, function and leadership, and how they relate to one another. Emphasis is on providing preventative and therapeutic service to the mentally ill with role playing and classroom practice sessions.
Open to Program Majors only.
Prerequisite(s): MH 1100
Department: Allied Health, Mental Health and Human Services

MH 3400 - Mental Health Practice with Vulnerable Populations

3 Credit(s) Hours: *3 hrs.*
Course will examine difficulties faced by a variety of special populations including adults with HIV, chronic mental illness and adolescents and children at-risk. Students will gain an overview of each population's unique service needs and learn consumer-centered intervention strategies.
Open to Program Majors only.
Prerequisite(s): MH 1100
Department: Allied Health, Mental Health and Human Services

MH 3500 - Introduction to Gerontology

3 Credit(s) Hours: *4 hrs.*
Issues and problems pertaining to aging and the aged, the aging process and the roles of older adults in society. Emphasis is on learning methods for the prevention and treatment of mental illness in older people.
Open to all students.
Department: Allied Health, Mental Health and Human Services

MH 3700 - Introduction to Domestic Violence Counseling

3 Credit(s) Hours: *3 hrs.*
An overview of the definitions, causes and theoretical paradigms of domestic violence. Focus is primarily on violence perpetrated by spouses and intimate partners, as dating violence and elder abuse, the dynamics of abusive relationships, the response modalities and an introduction to strategies of advocacy and the legal system.
Department: Allied Health, Mental Health and Human Services

MH 3800 - Assessment and Intervention Modalities with Domestic Violence Survivors

3 Credit(s) Hours: *3 hrs.*
Assessment and evaluation techniques of domestic violence survivors: adult victims, children and batterers. Learning to identify those at risk and treatment planning, and professional ethics and multicultural approaches are covered.
Prerequisite(s): MH 3700
Department: Allied Health, Mental Health and Human Services

MH 9801 - Supervised Instructional Experience in Mental Health I

3 Credit(s) Hours: *6 hrs.*
Students, under faculty supervision are assigned to work in a social service agency or a community advocacy internship.
Prerequisite(s): MH 1100, MH 3500 **and** either MH 3100 or MH 3400 **or** MH 3700 **or** Department permission required
Department: Allied Health, Mental Health and Human Services

MH 9802 - Supervised Instructional Experience in Mental Health II

3 Credit(s) Hours: *6 hrs.*
Students, under faculty supervision, are assigned to work in a social service agency or a community advocacy internship.
Prerequisite(s): MH 9801, MH 3000 **and** either MH 3100 or MH 3400 **or** MH 3800 **or** Department permission required
Department: Allied Health, Mental Health and Human Services

Music

MUS 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of music is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

MUS 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

MUS 2100 - Introduction to Jazz

3 Credit(s) Hours: *3 hrs.*
Historical approach to the jazz idiom through readings and guided listening. Topics include: the roots of jazz music, New Orleans jazz, Chicago style, Kansas City style, swing, bebop, new wave, and progressive jazz.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

MUS 2200 - Music of the 20th Century

3 Credit(s) Hours: *3 hrs.*
Introduction to the varied sounds of 20th century music. Emphasis on major musical achievements of the century by European and American composers, including Stravinsky, Bartok, Schonberg, Gershwin, Bernstein, Copland and Cage.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

MUS 2400 - Opera

3 Credit(s) Hours: *3 hrs.*
Development of Opera, its sociological and political aspects, and its rich and varied literature in the Baroque, Classic, Romantic, and Modern Eras. Renowned operatic masterworks included.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

MUS 2700 - Music in World Cultures

3 Credit(s) Hours: *3 hrs.*
A listening survey of various folk and ethnic music forms performed and practiced worldwide by various social groups. Songs and dances associated with love, war, and rites of passage, evocative forms, drumming, chanting, instruments and languages as related to the musical forms, social, geographic, historical elements and their musical relevance.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

MUS 2800 - Introduction to Hip Hop: Music, History, and Culture

3 Credit(s) Hours: *3 hrs.*
Explores the historical development of Hip Hop from its origins in the South Bronx in the late 70's through current times within social and political contexts. The related art forms of break dancing, rapping, turntablism, and graffiti art will be examined in order to show how Hip Hop culture has been used as an agent for social change and development of identity. No previous musical experience in required.
Department: Communications and Performing Arts

MUS 3000 - Introduction to Music Theory

3 Credit(s) Hours: *3 hrs.*
A first course in music theory for students with no previous musical training, but an interest in acquiring basic skills in music reading, writing, and performance. Topics include: note reading and writing in treble and bass clef, major and minor scales, intervals and chords. F
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

MUS 3100 - Introduction to Music

3 Credit(s) Hours: *3 hrs.*
Through this survey course in Western Music History, students will explore the evolution and history of music, ranging from the Medieval Period to the twenty-first century, through the study and analysis of musical works written by European and American composers. Students will listen to and analyze various art music genres including instrumental solo music, chamber and orchestral music, as well as vocal genres in order to examine the evolution of form, compositional techniques, and instruments that have occurred throughout the past one thousand years in Western Music. Further, students will engage in the critical listening of a variety of musical works from these time periods in order to assess elements such as texture, timbre and melody structure.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

Nursing

NUR 1000 - LPN to RN Bridge Course

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. lab)*
This course provides a bridge for Licensed Practical Nurses (LPNs) pursuing their RN licensure. Course content will include medical surgical nursing, pharmacology, and nutrition nursing concepts. The nursing process and informed decision-making are emphasized. Students will develop appropriate plans of care and emphasis will be placed on formulating expected outcomes.
Prerequisite(s): Acceptance into LRN Program (including LPN Licensure) **and** ENG 1200, PSY 1100, BIO 1100, and SCI 2500
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Nursing

NUR 1700 - Calculations for Medication Administration

1 Credit(s) Hours: *2 hrs.*
The course introduces beginning level students to acquire knowledge and develop proficiency for accurately computing medication dosages for various methods of administration to patients across the lifespan. Topics include systems of measurement, equivalents and conversions, selected abbreviations and computation of medication dosages. Content will be reinforced and tested in subsequent nursing courses. It is essential for students to engage in additional practice in order to develop proficiency. Provisions are available for additional time and tutorial assistance in the college laboratory. Classroom instruction will be held weekly throughout the semester.
Prerequisite(s): Passing score on the ACCUPLACER CUNY Assessment Test in Math **or** completion of developmental mathematics
Prerequisite(s)/Corequisite(s): NUR 1800 **or** the equivalent
Department: Nursing

NUR 1800 - Fundamentals of Nursing

7 Credit(s) Hours: *13 hrs.*
Beginning level clinical nursing students are introduced to basic nursing knowledge and skills including dependent, independent and interdependent functions of the nurse. This course is designed to introduce the beginning student to the following concepts: Quality and Safety for Nurses (QSEN) Initiative incorporating patient centered care, teamwork and collaboration, evidenced based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs.

Classroom instruction and laboratory sessions, at the college and in selected health agencies, are held weekly throughout the semester. During the college laboratory, concepts and principles discussed in previous classes are used as the basis for performing therapeutic nursing interventions. The health agency/clinical simulation experiences are utilized to enhance learning. Each clinical experience is preceded and followed by a conference where the expected student learning outcomes are discussed and evaluated. Individual and group assignments are utilized for laboratory experiences. Class work for the typical week consists of: four (4) classroom instruction, two (2) hours college laboratory and seven (7) hours health agency/clinical simulation experiences. It is mandatory for students to engage in additional practice for the development of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): BIO 1100, PSY 1100, SCI 2500 and ENG 1200 or ENG 2400 if exempt from ENG 1200
Prerequisite(s)/Corequisite(s): NUR 1700 and BIO 1200
Department: Nursing

NUR 1900 - Family Centered Maternity Nursing

4 Credit(s) Hours: *14 hrs. One-half semester*
This course presents facts, principles and concepts relevant to the care of individuals and families during the reproductive years of the life cycle and introduces the student to family-centered maternity nursing. Recognizing the impact of pregnancy on the individual and family, the student develops an awareness of the physiological and psychosocial needs of the patient that may occur during the childbearing years. This is addressed through Quality and Safety for Nurses (QSEN) Initiative incorporating the concepts of patient centered care, teamwork and collaboration, evidence-based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs.

Classroom instruction and laboratory sessions, at the college and in selected health agencies, are held weekly throughout the semester. Classwork for the typical week will consist of: five (5) hours of classroom instruction, one (1) hour college laboratory/simulation, and eight (8) hours health agency experience. It is essential for students to engage in additional practice for the maintenance of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): NUR 2000 and NUR 2200
Prerequisite(s)/Corequisite(s): SOC 3100 and ENG 2400
Department: Nursing

NUR 2000 - Nursing the Emotionally Ill

4 Credit(s) Hours: *14 hrs. One-half semester*
This course focuses on Nursing care of emotionally ill patients who are experiencing difficulty meeting psychosocial needs. It also focuses on how emotional illness affects the needs of the individual and family in their efforts to adapt to stressors. The physiological and psychological needs of the patient are addressed through Quality and Safety for Nurses (QSEN) Initiative incorporating the concepts of patient-centered care, teamwork and collaboration, evidence-based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs. Students are also introduced to the principles of management of patient groups. Class work for a typical week consists of: five (5) hours of classroom instruction, one (1) hour weekly college laboratory, and eight (8) hours of health agency/clinical simulation experiences. It is essential for students to engage in additional practice for further development of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): NUR 2100
Prerequisite(s)/Corequisite(s): PSY 3200
Recommended: SOC 3100 and ENG 2400
Department: Nursing

NUR 2100 - Nursing the Ill Adult I

9 Credit(s) Hours: *16 hrs.*
Nursing the adult patient with common recurring health problems includes nursing interventions based on physiological and psychological needs of adult patients. This course introduces the students to the nursing care of the adult patient who has common recurring health problems. The physiological and psychological needs of the adult patient are addressed through Quality and Safety for Nurses (QSEN) Initiative incorporating the concepts of patient centered care, teamwork and collaboration, evidence based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs.

Classroom instruction and laboratory sessions, at the college and in selected health agencies, are held weekly throughout the semester. Learning is enhanced through clinical skills development performed weekly in the college laboratory. Class work for typical week consists of: five (5) hours of classroom instruction, three (3) hours of college laboratory, and eight (8) hours of health agency/clinical simulation experiences. Laboratory sessions are on campus and in hospitals or other health agencies. It is essential for students to engage in additional practice for further development of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): NUR 1700 and NUR 1800
Prerequisite(s)/Corequisite(s): BIO 5100 (Students cannot continue in NUR 2100 if they withdraw from BIO 5100)
Department: Nursing

NUR 2200 - Nursing the Ill Adult II

5 Credit(s) Hours: *17 hrs. One-half semester*
Nursing of the adult patient with common recurring health alterations includes advanced nursing interventions based on physiological and psychological needs of adult patients. This course builds on concepts of commonly recurring health alterations presented in Nursing the Ill Adult I (NUR 21). The physiological and psychological needs of the adult patient are addressed through Quality and Safety for Nurses (QSEN) Initiative incorporating the concepts of patient centered care, teamwork and collaboration, evidence based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs. The principles of priority setting, leadership and delegation are incorporated throughout the course.

Class work for typical week consists of: six (6) hours of classroom instruction, three (3) hours of college laboratory/simulation, and eight (8) hours of health agency experiences. Laboratory sessions are on campus and in hospitals or other health agencies. It is essential for students to engage in additional practice for further development of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): NUR 2100
Prerequisite(s)/Corequisite(s): PSY 3200
Recommended: SOC 3100 and ENG 2400
Department: Nursing

NUR 2300 - Nursing of Children

5 Credit(s) Hours: *17 hrs. One-half semester*
This course introduces the students to nursing care of children, from infancy through adolescence, and their families. The students will develop an awareness of the physiological and psychosocial needs of children. The needs of the children are addressed through Quality and Safety for Nurses (QSEN) Initiative incorporating the concepts of patient centered care, teamwork and collaboration, evidence based practice, safety, quality improvement and informatics, the nursing process, and the Categories of Client Needs.

Learning experiences will include health care maintenance of children as well as concepts relevant to hospitalized children. Class work for typical week consists of: six (6) hours of classroom instruction, three (3) hours of college laboratory/simulation, and eight (8) hours of health agency experiences. Laboratory sessions are on campus and in hospitals or other health agencies. It is essential for students to engage in additional practice for further development of skills. Provisions are available for additional time in the college laboratory for practice.
Prerequisite(s): NUR 2000 and NUR 2200
Prerequisite(s)/Corequisite(s): SOC 3100 and ENG 2400
Department: Nursing

NUR 2400 - Issues in Nursing

1 Credit(s) Hours: *1 hr.*
This course is a survey of issues/transitions faced by the beginning Associate Degree Nurse as an individual and as a member of the nursing profession. The history of nursing, the role and responsibilities of the nurse, legal aspects of practice and issues and current trends in nursing are discussed. Instruction may be in the classroom, online, or both (hybrid).
Prerequisite(s): NUR 2000 and NUR 2200
Prerequisite(s)/Corequisite(s): NUR 1900, NUR 2300, SOC 3100, and ENG 2400
Department: Nursing

Nursing Electives

NUR 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Nursing

NUR 2700 - Pathophysiology

3 Credit(s) Hours: *3 hrs.*
Physiologic and pathophysiologic mechanisms that act singly or in concert to produce alterations on a cellular, tissue, organ, system level as well as on the total human organism. Emphasis is placed on underlying concepts that create recurrent patterns of cellular dysfunction and progression to alterations in system function and interweaves development across the lifespan with disease processes.
Prerequisite(s)/Corequisite(s): BIO 1200, SCI 2500 or Department permission required

Department: Nursing

NUR 2900 - Alternative Health Care Modalities

3 Credit(s) Hours: *3 hrs.*
Introduction to complementary and alternative health care Treatments such as herbal remedies, massage, acupuncture and meditation and their use in both disease management and health promotion.
Department: Nursing

NUR 4100 - Emergency Health Care

2 Credit(s) Hours: *2 hrs.*
Enhances knowledge of actual and potential environmental hazards, explores cardiopulmonary emergencies and identifies appropriate action(s). Techniques for taking vital signs and techniques of basic cardiac life support CPR (cardiopulmonary resuscitation) are demonstrated.
Department: Nursing

NUR 4200 - Parenting

3 Credit(s) Hours: *3 hrs.*
Theory and concepts relating to the interaction between parents and children from infancy to early adulthood. Participants explore effective parenting skills to assist in personal growth.
Department: Nursing

NUR 4300 - Perspectives on Death and Dying

3 Credit(s) Hours: *3 hrs.*
The dynamics of death and dying for the purpose of understanding one's own feelings and attitudes so that meaningful assistance may be given to the dying individual and the family are examined. The ethical/moral and legal problems arising from such controversial issues as advanced medical treatment, strategies, abortion, suicide and euthanasia are explored.
Open to all students.
Prerequisite(s): PSY 1100 or SOC 3100 or Department permission
Department: Nursing

NUR 4400 - Diet in Health and Illness

2 Credit(s) Hours: *2 hrs.*
The nature of food and fluid intake in healthy and in ill individuals. Cultural differences, the age variable and dietary modifications are examined.
Prerequisite(s): NUR 1800
Department: Nursing

NUR 4500 - Pharmacology in Health and Disease

3 Credit(s) Hours: *3 hrs.*
Intended for individuals of any background who desire information regarding safe use of prescription and nonprescription drugs. Emphasis will be placed on the impact of safe drug use on promoting and maintaining health. This course will also examine how drugs affect the body by changing many of its normal mechanisms and thereby contributing to health problems.
Prerequisite(s): NUR 1800
Department: Nursing

NUR 4600 - Transcultural Perspectives in Health Care

3 Credit(s) Hours: *3 hrs.*
Introduction to the field of transcultural health care. Provides an anthropological approach to healing, health values and practices of selected groups. Explores the roles of health professionals in reconciling ethnocentric health care values with health practices of culturally diverse groups.
Prerequisite(s): NUR 1800
Department: Nursing

NUR 4700 - Nursing in the Community

3 Credit(s) Hours: *3 hrs.*
Introduction to current home health care delivery systems, regulatory agencies, reimbursement mechanisms (insurance, private pay, Medicaid, Medicare), and roles and levels of care providers. Proposed Federal, State, City and private initiatives, planned changes in utilization and providers as well as accreditation and quality assurance programs will be explained. Options and skills to negotiate and obtain home care services for individuals and families will be discussed.
Prerequisite(s): NUR 1800
Department: Nursing

NUR 4800 - Introduction to Basic Health Assessment and Physical Examination of the Adult

3 Credit(s) Hours: *4 hrs.*
Introduction to the basic knowledge and skills required to perform a comprehensive health assessment of an adult. The compilation of a health history, interview techniques and a regional approach to the physical examination of the adult will be introduced and practiced. A synthesis of the physical, psychosocial, developmental and cultural assessments will prepare students to develop a holistic statement of the health status of an adult individual.
Prerequisite(s): NUR 1800
Department: Nursing

NUR 4900 - EKG Rhythm Recognition

3 Credit(s) Hours: *3 hrs.*
An intermediate level course that builds on basic cardiac knowledge. The advanced knowledge and skill necessary to visually recognize, understand and treat cardiac rhythm disturbances.
Prerequisite(s): NUR 1800 or Department permission
Department: Nursing

NUR 5000 - Pain Management Strategies

3 Credit(s) Hours: *3 hrs.*
The role of the nurse, physician, other health care professionals, and caretakers in the pain management of clients, including a focus on the terminally ill as well as the chronically pained client. In this course students will gain knowledge of both traditional pharmacological strategies as well as non-traditional alternative therapies.
Prerequisite(s): PSY 1100
Department: Nursing

NUR 5100 - End of Life Issues, Hospice and Palliative Care

3 Credit(s) Hours: *3 hrs.*
The role of the nurse, physician, other health care professional, and caretakers in the provision of care for the dying patient and family members. The students will gain knowledge of end of life issues, care, understand the philosophy of hospice and palliative care, and identify appropriate interventions when working with the terminally ill patient and grieving family members.
Prerequisite(s): PSY 1100 and/**or** Department permission
Department: Nursing

Office Administration

ADM 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of office administration and technology is developed individually between student and faculty member and must be approved by the Department.
Department: Business

ADM 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Business

ADM 1500 - Gregg Shorthand (Elementary)

3 Credit(s) Hours: *4 hrs.*
Understanding Gregg Shorthand theory is reinforced by practice in reading and writing contextual materials. The elements of transcription, proper English usage and correct grammatical form are introduced. For students with no prior shorthand knowledge and students with less than one year of instruction in Gregg Shorthand theory.

Department: Business

ADM 1600 - Basic Dictation

1 Credit(s) Hours: *2 hrs.*
Timed dictation at basic levels on previewed materials, automatizing brief forms, and the transcription of short business letters with correct spelling and punctuation. Shorthand theory in Gregg is reviewed through homework assignments and classroom participation.
Department: Business

ADM 1700 - Gregg Shorthand (Intermediate)

3 Credit(s) Hours: *4 hrs.*
Continued development of Gregg Shorthand language skills and pre-transcription training. Emphasis is on taking dictation at sustained speeds and reading shorthand fluently.
With approval, students who satisfactorily completed the equivalent of this course may be exempt.
Prerequisite(s): ADM 1500 **or** Department permission
Department: Business

ADM 2400 - Office Systems and Procedures

3 Credit(s) Hours: *3 hrs.*
The systems and procedures of the electronic office for administrative secretary and word processing specialist includes: planning and organizing office operations, developing good office leadership and human relations, controlling office operations, theory, concepts, and practices relating to office systems and procedures, employee performance, output and job satisfaction.
Required for all non-stenographic secretarial students.
Department: Business

ADM 2500 - E-Business Technologies

3 Credit(s) Hours: *3 hrs.*
The technical and strategic aspects of successful E-Business. Topics include: tools and technologies for creating a website, characteristics of successful website, security issues, legal and ethical issues, internet information services, data mining and global E-Business. Case studies will also be discussed.
Department: Business

ADM 3000 - Advanced Stenography and Transcription

4 Credit(s) Hours: *6 hrs.*
Stenographic skills are intensified with the ability to take dictation at rates of 80 to 100 words per minute for sustained periods, plus transcription techniques to meet office standards in the production of mailable transcripts.
Prerequisite(s): ADM 1700
Department: Business

ADM 3700 - Office Communication Skills

3 Credit(s) Hours: *3 hrs.*
The principles of writing effective business communications, including letters, reports, memoranda, directives, organization, language arts, human relations and the application of business psychology in writing.
Open to Program Majors only.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Tests in Reading and Writing
Department: Business

ADM 4400 - Intermediate Shorthand: Intensive

4 Credit(s) Hours: *4 hrs.*
Develops skill attainment levels of ADM 1500 and ADM 1700 for students with educational and/or experiential background that includes the complete Gregg Shorthand and ability to take dictation at 60 wpm for two minutes with 95 percent accuracy. Each student is evaluated by the instructor to measure understanding the Gregg Shorthand principles, level of dictation, and transcription skills. Individual prescriptions include the use of tapes for development of shorthand principles and the ability to take dictation, the completion of transcription projects in the secretarial laboratory, and tutorial instruction.
Prerequisite(s): Department permission
Department: Business

ADM 5300 - The School Secretary I

2 Credit(s) Hours: *2 hrs. each semester*
This two-semester course considers educational principles relating to the school secretary's work. Emphasis is on the organization of school systems, particularly in New York City.
Department: Business

ADM 5400 - The School Secretary II

2 Credit(s) Hours: *2 hrs. each semester*
This two-semester course considers educational principles relating to the school secretary's work. Emphasis is on the organization of school systems, particularly in New York City.
Department: Business

ADM 5500 - School Records Management

2 Credit(s) Hours: *2 hrs.*
Introduction to the activities and responsibilities of the school secretary, including the preparation of a variety of reports usually completed in the school office records of school personnel, accounts, textbooks and supplies.
Department: Business

ADM 9229 - Field Experience

3 Credit(s) Hours: *9 hrs.*
Eight hours per week of supervised work experience in appropriate site placements in the community, and one hour a week of classroom discussion of the on-the-job experience are course requirements.
Corequisite(s): TEC 3400
Department: Business

Office Technology

TEC 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of secretarial/office administration is developed individually between student and faculty member and must be approved by the Department.
Department: Business

TEC 100 - New Student Technology Skills

1 Credit(s) Hours: *1 hr.*
Basic technology skills on the computer and Internet necessary for research and term paper preparation.
Department: Business

TEC 1100 - Computer Keyboarding I

2 Credit(s) Hours: *4 hrs.*
Basic skills in keyboarding are developed and applied to the formatting of simple business and personal letters, tabulations, and manuscripts.
Department: Business

TEC 1200 - Computer Keyboarding II

2 Credit(s) Hours: *4 hrs.*
Keyboarding speed and control. Beginning production skill in keying business forms including letters, tabulated materials, business reports, and manuscripts emphasizing business standards.
With approval, students who satisfactorily completed the equivalent of this course may be exempt.
Prerequisite(s): TEC 1100 **or** Department permission
Department: Business

TEC 1300 - Computer Keyboarding III

2 Credit(s) Hours: *4 hrs.*
Mastery of keyboarding skills and formatting techniques includes formatting business communications, directives, business reports, and statistical data.
Prerequisite(s): TEC 1200 **or** TEC 4100 **or** Department permission
Department: Business

TEC 1400 - Keyboarding for Business Communications

2 Credit(s) Hours: *3 hrs.*
Basic keyboarding skills for electronic keyboarding and computer input and the basics of written business communications which will be applied to the production and editing of business communications.
Open to Non-Majors.
Department: Business

TEC 2100 - Word/Information Processing I

3 Credit(s) Hours: *4 hrs.*
Modern word/information processing concepts in the organization, operation, and control of office functions. Emphasis is on the office administrator's dual role as an administrative assistant and/or as a correspondence secretary. Keyboarding of correspondence and tables using word processing software. Basic word processing terminology will be introduced.
Department: Business

TEC 2300 - Electronic Transcription

3 Credit(s) Hours: *4 hrs.*
Taped dictation of correspondence and reports representative of a variety of business firms and organizations are transcribed from a transcribing machine to the personal computer using current word processing software.
Prerequisite(s): TEC 1100 **or** Department permission
Department: Business

TEC 2400 - Organizing the Electronic Office for the Administrative Assistant

3 Credit(s) Hours: *4 hrs.*
Using current applications to create and organize files and folders for office documents, maintain the desktop environment, utilize an electronic calendar and contact lists, keep track of e-mail, and explore the internet. Basic skills and electronic office terminology will be emphasized. New developments in electronic office, including the Microsoft Office Suite, graphics and scanning will be explored.
Department: Business

TEC 2500 - Office Computer Applications I

3 Credit(s) Hours: *4 hrs.*
Knowledge, skill and understanding the uses of integrated software in the electronic office. Electronic spreadsheets, database management, word processing, graphics, and telecommunications are applied to office information processing.
Department: Business

TEC 2600 - Office Computer Applications II

3 Credit(s) Hours: *4 hrs.*
The advanced functions of Microsoft Office Software suite. The application of Microsoft Word to create and edit business correspondence, Microsoft Excel to format and create spreadsheets, charts, and macros, Microsoft Access to create an enhanced database, and in Microsoft PowerPoint to create slides for professional presentations.
Prerequisite(s): TEC 2500 **or** BA 6000 **or** CP 1100
Department: Business

TEC 2700 - Presentation Graphics for the Office

3 Credit(s) Hours: *4 hrs.*
Use of integrated software and development of multimedia presentations. Practice with presentation graphics to organize, plan and create slide shows, notes and outlines for the office.
Prerequisite(s): TEC 2500 **or** BA 6000 **or** CP 1100 **or** Department permission
Department: Business

TEC 3400 - Office Administration

3 Credit(s) Hours: *4 hrs.*
Simulates on-the-job secretarial duties concerning correspondence responsibilities, use of transmittal service, records management, receptionist and telephone techniques, travel procedures, financial and legal duties, preparing business reports, use of machine transcribers, and word processing equipment. Fostering good human relations in an office, and developing attitudes and traits of the successful executive office professional.
Open to Program Majors only.
Corequisite(s): ADM 9229
Department: Business

TEC 4100 - Intensive Computer Keyboarding II

4 Credit(s) Hours: *4 hrs.*
Develop skill attainment levels of TEC 1100 and TEC 1200, for students with educational and/or experiential background of 30 wpm for five minutes with a 3 percent error limitation. Students are evaluated by the instructor, and individual prescriptions are prepared to eliminate gaps in knowledge, understanding, and/or skills inadequacies. Completion of special skills projects in secretarial laboratories, development of malleability standards, and tutorial instruction.
Prerequisite(s): Department permission
Department: Business

TEC 4200 - Intensive Computer Keyboarding III

4 Credit(s) Hours: *4 hrs.*
Develops skill attainment and production levels of TEC 1200 and TEC 1300, for students with education and/or experiential background of 40 wpm for five minutes with 2.5 percent error limitation. The instructor evaluates each student and provides individual prescriptions that include specialized projects, use of the computer laboratory for skill building, and use of tutorial services.
Prerequisite(s): Department permission
Department: Business

TEC 5000 - Legal Terminology and Law Office Transcription

3 Credit(s) Hours: *3 hrs.*
Legal terms in basic areas of law. Training in transcribing and formatting legal correspondence and legal documents electronically.
Prerequisite(s): TEC 1200
Department: Business

TEC 5100 - Adobe Flash for Website Development

3 Credit(s) Hours: *4 hrs.*
Dynamic multimedia websites are developed using Adobe Flash, vector, and raster graphics. Emphasis on user-friendly, visually appealing, as well as technically correct websites that integrate animation and sound.
(Formerly TEC 8230)
Prerequisite(s): TEC 5300
Prerequisite(s)/Corequisite(s): TEC 5700
Department: Business

TEC 5300 - Website Technology I

3 Credit(s) Hours: *4 hrs.*
Basic conventions of website construction, technology and terminology. Websites will be constructed for publication on the World Wide Web.
Prerequisite(s)/Corequisite(s): TEC 5700
Department: Business

TEC 5400 - Website Technology II

3 Credit(s) Hours: *4 hrs.*
Second course in website technology will further refine skills learned in Website Technology I, explore requisite computer skills for building e-commerce websites and the non-technical concepts upon which e-commerce is based.
Prerequisite(s): TEC 5300 **or** Department permission
Department: Business

TEC 5500 - Website Technology III

3 Credit(s) Hours: *4 hrs.*
Third course in website technology build on skills learned in Website Technology I and II. Focus on critical analysis of websites on the Internet, websites developed by course participants and case studies.
Prerequisite(s): TEC 5300 **or** Department permission
Department: Business

TEC 5700 - The Computer as a Design Tool

3 Credit(s) Hours: *4 hrs.*
Illustrators, designers and desktop publishers learn basic concepts and receive hands-on experience in the use of a major computer illustration program which can be applied to commercial and fine art illustrations.
Prerequisite(s): College-level computer course **or** Department permission
Department: Business

TEC 5800 - Basic Desktop Publishing

3 Credit(s) Hours: *4 hrs.*
Develop basic desktop publishing skills including placement of text and graphics into a desktop publishing program, designing documents such as flyers, newsletters and advertisements.
Prerequisite(s): College-level computer course **or** Department permission
Department: Business

TEC 5900 - Photodigital Illustration

3 Credit(s) Hours: *4 hrs.*
The basic functions of a photodigital computer program to create and manipulate images, to retouch photographs and to create special graphical effects. These images may be used for onscreen multimedia presentations, print media and publication on the World Wide Web.
Prerequisite(s): College-level computer course **or** Department permission
Department: Business

TEC 6100 - Medical Terminology and Electronic Transcription

4 Credit(s) Hours: *4 hrs.*
The basic principles of medical word building to develop comprehensive medical vocabulary in the respiratory, cardiovascular, musculoskeletal, endocrine, hematic, urogenital and female reproductive systems. Job competency skills, including editing and proofreading, are acquired through transcription of taped dictation of medical reports and correspondence on the computer.
Required for all Medical Office Administration Majors. Equivalent courses and Department permission may be accepted in lieu of these requirements.
Prerequisite(s): TEC 1100 **or** TEC 1400 **or** Department permission
Department: Business

TEC 6200 - Medical Office Computer Applications

3 Credit(s) Hours: *3 hrs.*
This course is for anyone interested in learning how to convert the management of a medical office to a computerized operation.
Required for all Medical Office Administration Majors.
Department: Business

TEC 7000 - Virtual Enterprise

3 Credit(s) Hours: *3 hrs.*
Students establish and run a virtual business in a simulated business environment, and are responsible for establishing objectives, making transactions, using problem-solving strategies and applying their knowledge, skills and personalities to develop and run a successful business.
Prerequisite(s): Student must be computer literate
Department: Business

TEC 8200 - Medical Coding

3 Credit(s) Hours: *4 hrs.*
Principles of ICD/9-CM coding, procedural coding based on the principles of Current Procedural Terminology (CPT) coding, and third party reimbursement procedures are covered. Students will learn the fundamentals of a classification system used in the health care industry and enables students to obtain a working knowledge of the coding process.
Department: Business

TEC 9101 - Professional Portfolio Development

1 Credit(s) Hours: *1 hr.*
Projects created in previous coursework will be analyzed and developed to produce a portfolio to present to potential clients and employers.
Prerequisite(s)/Corequisite(s): TEC 5400, TEC 5500, TEC 5700 and TEC 5900
Department: Business

Philosophy

PHI 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of philosophy is developed individually between student and faculty member and must be approved by the Department.
Department: History, Philosophy and Political Science

PHI 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: History, Philosophy and Political Science

PHI 6500 - Philosophy of Sex and Gender

3 Credit(s) Hours: *3 hrs.*
This course will provide an overview of feminist perspectives of sex, gender, and sexuality. We will start with feminist philosophical perspectives for *methodological* reasons not for political or cultural reasons. In the 1970s and 1980s, feminist critiques of scientific objectivity arose in philosophy as a method of examining the frameworks of science- particularly the biological sciences - and the inherent subjectivity of both scientific research and *research methods*. This historical critique allowed philosophers to ask important questions about sex and sexuality, gender identity, gender normativity, biological essentialism, and more. Throughout the course, we will focus on key issues within feminist philosophy *as well as* on important areas of disagreement between feminist philosophy and its critics.
Department: History, Philosophy and Political Science

PHI 6600 - Criminal Justice Ethics

3 Credit(s) Hours: *3*
Application of ethical theories to moral issues arising in the American criminal justice system, such as civil disobedience, police corruption, whistle blowing, stop and frisk, prosecutor, plea bargaining, capital punishment, liability for unethical conduct, and the war on terror.
Flexible Core: Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 6700 - Political Philosophy

3 Credit(s) Hours: *3 hrs.*
This course provides students with a broad and solid theoretical grasp of political problems. As a result, students who take the course will be better positioned to make educated and adequate choices in the innumerable political situations of everyday life. The course relies on conceptual analysis, reading and interpreting texts, and writing clearly and effectively. The result is an enhanced ability to think critically, understand sophisticated and nuanced political discourse, and intervene in it for the sake of civic engagement and communal life.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 6800 - Ethical Problems in Business and Society

3 Credit(s) Hours: *3 hrs.*
Application of normative ethical theories to moral issues that exist in business and technology, such as employee rights and responsibilities, honesty in advertising, diversity and discrimination, privacy, and corporate responsibility.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

PHI 6900 - Environmental Philosophy

3 Credit(s) Hours: *3 hrs.*
A selection of the range of ethical and philosophical issues raised by humanity's acceleration of environmental change. Topics include our obligations to living organisms, ecosystems, and future generations, animal rights, and the definition of "nature" and what is "natural."
Department: History, Philosophy and Political Science

PHI 7000 - Introduction to Philosophical Problems

3 Credit(s) Hours: *3 hrs.*
Introduction to philosophical problems, such as the nature and scope of knowledge, the existence of God, free will, the mind-body problem, the nature of the self, and the nature of moral judgments. Multiple perspectives will be considered, e.g., Western, Asian, mystical, etc.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

PHI 7100 - History of Ancient Philosophy

3 Credit(s) Hours: *3 hrs.*
Development of classical philosophy of the ancient period, focusing on the thought of such thinkers as Socrates, Plato, Aristotle, Buddha, Confucius, and Lao Tsu.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 7200 - History of Modern Philosophy

3 Credit(s) Hours: *3 hrs.*
Development of philosophy from the Renaissance to the present, focusing on the works of such thinkers as Descartes, Leibniz, Spinoza, Hobbes, Locke, Berkeley, Hume, Kant, Nietzsche, and Kierkegaard.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 7300 - Logic: Theories of Argumentation

3 Credit(s) Hours: *3 hrs.*
Introduction to the basic theories of argumentation in their evolution from Plato and Aristotle to contemporary theories. Principles of logic, scientific method, and their application.
Flexible Core: Scientific World (Group E)
Department: History, Philosophy and Political Science

PHI 7400 - Introduction to Ethics

3 Credit(s) Hours: *3 hrs.*
The standards of right conduct and the good life in classical and contemporary ethical theories will be examined. Critical thinking skills in the application of these standards to moral issues will be developed.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 7500 - Philosophy of the Beautiful - Aesthetics

3 Credit(s) Hours: *3 hrs.*
Study of the aesthetic experience in the philosophies of Plato, Aristotle, Schopenhauer, Nietzsche and Kierkegaard. Examination of the criteria of the theories of beauty with reference to art, literature and music.
Flexible Core: Creative Expression (Group C)
Department: History, Philosophy and Political Science

PHI 7600 - Ethics and Morality in the Health Professions

3 Credit(s) Hours: *3 hrs.*
The range of moral dilemmas associated with health care and biological research includes an in-depth study of the major ethical theories that determine the content of our moral concepts.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

PHI 7700 - Philosophy of Religion

3 Credit(s) Hours: *3 hrs.*
A philosophical examination of basic concepts found in the world's diverse religious traditions, such as God, religious meaning, faith, and religious experience. Readings may be drawn from classical and contemporary sources.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

PHI 7800 - Philosophy in Asian Traditions

3 Credit(s) Hours: *3 hrs.*
A survey of the development of philosophical thought in the great Asian religious traditions: Buddhism, Hinduism, Confucianism and Taoism. Special emphasis on the major philosophical debates between and within these divergent traditions.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

PHI 7900 - Global Ethics

3 Credit(s) Hours: *3 hrs.*
Ethical issues of globalization, human rights and global crises will be studied. Students engage in a co-curricular civic-engagement component, such as the Salzburg Global Seminar International Study Program or the Student World Assembly.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

Physical Education, Recreation and Recreation Therapy (PERRT)

RPE 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Health, Physical Education and Recreation

RPE 700 - Introduction to Sports Management

3 Credit(s) Hours: *3 hrs.*
Cross-Listed With: TAH 700
Overview of the organizations and agencies that comprise the sports industry and their roles and interrelationships. This is a foundation course that covers the history, ethics, diversity, management theories, laws, and operating procedures of sports management.
Department: Health, Physical Education and Recreation

RPE 1100 - Introduction to Recreation and Physical Education

3 Credit(s) Hours: *3 hrs.*
Explore historical and philosophical foundations of recreation/recreation therapy and physical education and study the variety of organizations that provide those programs. Examine topics that include an analysis of play, games, sport and fitness, as related to the development of personal interests among clients and students.
For Program Majors only.
Department: Health, Physical Education and Recreation

RPE 1200 - Leadership in Recreation, Physical Education and Sport Management

3 Credit(s) Hours: *3 hrs.*
Learn various leadership styles, supervision, group dynamics, and proper teaching techniques. Additional topics include conflict resolution, behavior management, values and ethics, and risk management. Examines professional organizations in physical education teaching, recreation, recreation therapy, and sport management.
Department: Health, Physical Education and Recreation

RPE 1300 - Social Recreation

3 Credit(s) Hours: *3 hrs.*
Learn to assess, plan, implement, and evaluate an inclusive social recreation activity in camps, recreation centers, clubs, healthcare facilities, and playgrounds. Under supervision, opportunities are provided to develop leadership skills in recreation. Develop, implement, and evaluate protocol. Learn special event planning, group dynamics, and effective teaching techniques.
Prerequisite(s)/Corequisite(s): RPE 1100
Department: Health, Physical Education and Recreation

RPE 1400 - Camping and Outdoor Recreation

2 Credit(s) Hours: *2 hrs.*
Explore trends in outdoor recreation, the role of the recreation leader, the scope and extent of programs in conservation, camping, and nature. A weekend 24-hour faculty supervised camping and hiking trip is required, as well as participation in two 4-hour training and preparation sessions, prior to camping outdoors. Small group work is organized to accomplish assignments. Individual journals and a final paper reflecting on their experiences are required.
Department: Health, Physical Education and Recreation

RPE 1500 - Summer Camp Leadership

2 Credit(s) Hours: *2 hrs.*
To prepare as future camp counselors, students examine basic camping philosophy, camping objectives, problems in the camping field, acquire skills and leadership essential in camp life.
Department: Health, Physical Education and Recreation

RPE 1600 - Folk and Square Dance Teaching Techniques

2 Credit(s) Hours: *2 hrs.*
Folk and square dance basic movement, positions, etiquette and terminology are linked with teaching techniques.
Department: Health, Physical Education and Recreation

RPE 3100 - Therapeutic Recreation for Individuals with Disabilities I

3 Credit(s) Hours: *3 hrs.*
Learn the philosophy and history of Therapeutic Recreation (TR). Explore accessibility barriers as well as the principles of normalization and inclusion for individuals with special needs. An emphasis on the TR process and provision of a continuum of services based on clients' needs. Examine principles of adapting activities and environments to meet the needs, interests and abilities of individuals with physical and/or development disabilities. Attend one (1) field observation in a setting for individuals with special needs.
Prerequisite(s): RPE 1100 and RPE 1200 or COH 1100. **For Program Majors only**
Department: Health, Physical Education and Recreation

RPE 3200 - Organization and Administration of Recreation, Physical Education, and Sport Management Programs

3 Credit(s) Hours: *3 hrs.*
Examine the principles of organization and administration of recreation, physical education, and sport program and facilities. Focuses on developing effective programming inclusive of: a mission statement/goals/objectives, needs assessment, facility planning, program implementation and evaluation, learn effective communication, and address budget, public relations, risk management, and personnel/supervision issues. Requirement to attend two (2) college wide events and evaluate one as an operations manager.
Prerequisite(s): RPE 1100, RPE 1200, **and** RPE 3100.

RPE 3100 **NOT required for students enrolled in the Sports Management Concentration.**

For Program Majors only.
Prerequisite(s)/Corequisite(s): RPE 9152
Department: Health, Physical Education and Recreation

RPE 3300 - Skills in Arts and Crafts

2 Credit(s) Hours: *2 hrs.*
Opportunities to develop skills with various materials and to teach the use of clay, paper, paint, yarn, wire, soap and wood. Encourages creativity and provides enjoyment for all ages and special groups.
Department: Health, Physical Education and Recreation

RPE 3400 - Methods and Materials in Arts and Crafts

3 Credit(s) Hours: *3 hrs.*
Develop maximum skill levels in arts and crafts projects. Recreational values in different programs, different techniques necessary for proper presentation of arts and crafts programs to groups of diverse ages and physical abilities, and various methods of teaching the developed skills to special groups.
Department: Health, Physical Education and Recreation

RPE 3500 - Therapeutic Recreation for Individuals with Disabilities II

3 Credit(s) Hours: *3 hrs.*
Examine the biopsychosocial approach to the later part of the lifespan and the contribution leisure and recreation make to quality of life. Acquire an understanding of normal and abnormal psychological and emotional development. Learn to plan recreation programs that meet the needs of seniors and those with emotional/psychological disorders in both clinical and community settings. Attend one (1) clinical field observation.
Prerequisite(s): RPE 3100 or COH 1100. **For Program Majors only.**
Department: Health, Physical Education and Recreation

RPE 3600 - Assessment Process in Therapeutic Recreation

3 Credit(s) Hours: *3 hrs.*
Gain competency in using assessment tools in behavioral observation of clinical case simulations and analysis of videotaped interviews with individuals that have special needs. Explore various Therapeutic Recreation models of practice for use in clinical and community based settings. Learn principles and practices of developing individualized treatment plans based on assessment data. Study methodology for completing an activity and developing a program protocol.
Prerequisite(s)/Corequisite(s): RPE 3100 , PSY 1100 is recommended
Department: Health, Physical Education and Recreation

RPE 4000 - Sport and American Society

3 Credit(s) Hours: *3 hrs.*
Explore the significant interrelationships of sport in American society and internationally. Apply sociological theories of functionalist, conflict, critical, and interactionist to study sport in society. Discuss contemporary and controversial issues inclusive of gender equity, drug use, youth sport, and race. Study the symbiotic relationship of sport, business, economy, and media.
Department: Health, Physical Education and Recreation

RPE 4500 - Advanced Arts and Crafts

2 Credit(s) Hours: *2 hrs.*
To familiarize students with methods of design and decoration, a series of wood projects will be completed as the use of stencil, paint, varnish and hand detailing techniques are mastered.
Prerequisite(s)/Corequisite(s): RPE 3300 or RPE 3400
Department: Health, Physical Education and Recreation

RPE 4600 - Facilities Planning in Sports

3 Credit(s) Hours: *3 hrs.*
Cross-Listed With: TAH 4600
Learn principles, guidelines and recommendations for planning, constructing, using and maintaining sports facilities. Explore financing, public and private partnerships, American with Disabilities Act, and risk management in sport facilities. Study crowd and emergency management, facility alcohol plan, and concession and box office operations.
Department: Health, Physical Education and Recreation

RPE 7000 - Introduction to Teaching Methods in Physical Education

3 Credit(s) Hours: *3 hrs.*
Develop and execute a lesson plan for an activity, using the New York State Learning Standards for Physical Education, while receiving feedback from peers and instructor. Examine curriculum and instruction in physical education, the role and function of professional organizations, and develop a personal philosophy of physical education.
Department: Health, Physical Education and Recreation

RPE 7200 - Exploring Leisure to Promote Wellness

2 Credit(s) Hours: *2 hrs.*
The social, historical and cultural influences that shape attitudes towards leisure. Emphasis is on the contribution of leisure experiences to psycho/social/emotional and physical well-being. Through an experiential approach inside and outside class, students are encouraged to expand their leisure awareness.
Department: Health, Physical Education and Recreation

RPE 9152 - Field Experience in Physical Education, Recreation/Recreation Therapy, and Sport Management

3 Credit(s) Hours: *6 hrs.*
Experience and complete 100 hours of supervised fieldwork in either a public or private school education program, community recreation setting, or therapeutic recreation program. A weekly one-hour seminar covers diversity, leadership, ethics and values, assessment and development of a resume/cover letter. Works in small teams to develop, implement, and evaluate a student run activity. Maintain reflective logs of experiences throughout the semester.
Prerequisite(s): RPE 1100, RPE 1200, and RPE 3100.

RPE 3100 **NOT** **required for students enrolled in the Sports Management Concentration.**

For Program Majors only.
Prerequisite(s)/Corequisite(s): RPE 3200
Department: Health, Physical Education and Recreation

RPE 9253 - Field Experience in Recreation and Recreation Therapy

3 Credit(s) Hours: *6 hrs.*
Advanced field experience involves increased participation in the assigned recreation agencies, assignment to a second type of agency for varied experience, and one-hour seminar.
Prerequisite(s): RPE 9152. **For Program Majors only.**
Prerequisite(s)/Corequisite(s): RPE 3500
Department: Health, Physical Education and Recreation

Physical Education: Co-Education Activities

PEC 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Health, Physical Education and Recreation

PEC 200 - Walk, Jog, Run

1 Credit(s) Hours: *2 hrs.*
Examine the principles and practices for assessing and improving cardiovascular fitness. Design a personal cardiovascular fitness program and receive individualized instruction. Learn to use proper progression to improve aerobic fitness.
Department: Health, Physical Education and Recreation

PEC 400 - Training With Weights

1 Credit(s) Hours: *2 hrs.*
Learn weight training techniques to increase muscle strength and endurance for a specific sport activity and/or improve overall physical fitness. Learn proper progression and design a weight training program to suit personal needs.
Department: Health, Physical Education and Recreation

PEC 500 - Body Building

1 Credit(s) Hours: *2 hrs.*
Increases knowledge and appreciation of the physical attributes involved in body building. Course covers beginning, intermediate and advanced training techniques to increase muscular strength, muscular endurance, flexibility, and to improve physical appearance as desired.
Department: Health, Physical Education and Recreation

PEC 600 - Physiological Fitness and Development: Training with Weights

2 Credit(s) Hours: *3 hrs.*
To increase muscle strength, endurance and cardiorespiratory efficiency, students learn to create individualized exercise prescriptions based on specific physiological needs. The anatomy and kinesiology of the systems and muscles unique to weight training are discussed.
Students who completed PEC 400 will not receive credit for this course.
Department: Health, Physical Education and Recreation

PEC 700 - Soccer Techniques

1 Credit(s) Hours: *2 hrs.*
Soccer, the fastest growing team sport in the country, can be played by both sexes and all ages. Technical development, tactical understanding and appreciation of the popular sport are covered in this course. Offered only in Fall
Department: Health, Physical Education and Recreation

PEC 800 - Body Weight Resistance Training

1 Credit(s) Hours: *2 hrs.*
This course will introduce students to the methodology and practice for improving health-and-skill-related components of physical fitness. The mode of activity will include body weight and callisthenic type activities with the use of minimal equipment.
Department: Health, Physical Education and Recreation

PEC 1100 - Beginning Tennis

1 Credit(s) Hours: *2 hrs.*
Basic tennis skills develop appreciation of tennis as a lifetime sport. Students learn forehand and backhand drives, Beginner's Serve, service return, volley, rules of the singles and doubles game and an understanding of fundamental techniques and basic strategies.
Students must supply their own rackets and tennis balls.
Department: Health, Physical Education and Recreation

PEC 1200 - Tennis 3

1 Credit(s) Hours: *2 hrs.*
Introduction to intermediate tennis skills: top spin, slice, attaching the net, offensive and defensive strategy in competition. Apply tennis skills in single an doubles games situations.
Students must supply their own rackets and tennis balls.
Prerequisite(s): PEC 1100 **or** previous tennis experience **or** Department permission
Department: Health, Physical Education and Recreation

PEC 1500 - Badminton

1 Credit(s) Hours: *2 hrs.*
Learn to play badminton, knowledge of rules, and offensive and defensive strategy. Learn badminton skills: serving, underhand, backhand, overhead, drop shot, smash, and raquet grip. Learn singles and doubles game play.
Department: Health, Physical Education and Recreation

PEC 1700 - Basic Volleyball

1 Credit(s) Hours: *2 hrs.*
Beginner-intermediate level: rules, basic individual skills, offensive/defensive systems, team coordination, training, conditioning, prevention of injury, and evaluation of performance.
Department: Health, Physical Education and Recreation

PEC 1800 - Introduction to Fencing

1 Credit(s) Hours: *2 hrs.*
Students will be exposed to the history, skills, and theory necessary for effective participation and appreciation of fencing. Students will be exposed to the fencing classic schools/styles, fencing equipment, structure and functional skills. Students will participate in foil and sabre competitions, learn about weapon control, fencing techniques, and tactics. Students will learn about the fencing federations, scoring system, and tournament play
Department: Health, Physical Education and Recreation

PEC 1900 - Aerobic Dance

1 Credit(s) Hours: *2 hrs.*
Learn vigorous calisthenics exercises with dance steps to music to improve cardiovascular endurance and muscles toning. Apply aerobic activities for health and wellness, boost mood, burn calories, and improve body composition and flexibility.
Department: Health, Physical Education and Recreation

PEC 2000 - Beginner's Ballet

1 Credit(s) Hours: *2 hrs.*
Introduction to the principles and techniques inherent in the art of classical ballet. Includes exercises and movement combinations leading to body alignment, endurance, strength, and fluidity of movement.
Department: Health, Physical Education and Recreation

PEC 2500 - Tai Chi Ch'Uan

1 Credit(s) Hours: *2 hrs.*
The principles and practices of Tai Chi Ch'uan will be presented and practiced for the purpose of exercise, meditation, self-defense and increased overall wellness.
Department: Health, Physical Education and Recreation

PEC 2600 - Golf

1 Credit(s) Hours: *2 hrs.*
Emphasis is on mechanics of movement involved in the performance of the following basic fundamental skills: basic swing, short and long irons, woods, and putting.
Department: Health, Physical Education and Recreation

PEC 2700 - Beginning Karate and Self Defense

1 Credit(s) Hours: *2 hrs.*
Introduction to formal Karate and practical self-defense techniques. History and background, fundamental stances, blocks, punches, kicks, conditioning, safety, methods of avoidance and personal self-defense movements, and oriental tradition (Karate costumes, respect and Buddhist philosophy).
Department: Health, Physical Education and Recreation

PEC 2900 - Introduction to Hatha Yoga

1 Credit(s) Hours: *2 hrs.*
Introduction to the conceptual framework of Hatha Yoga, and the development of students' capacity to perform physical, breathing, concentration, and relaxation exercises.
Department: Health, Physical Education and Recreation

PEC 3000 - Swimming for Non-Swimmers and Beginners

1 Credit(s) Hours: *2 hrs.*
Basic skills to swim properly. Special attention given to non-swimmers who will learn in shallow water. At the end of the course, students will be able to jump or dive into the water, swim in a prone position and on the back.
Department: Health, Physical Education and Recreation

PEC 3100 - Life Guarding

1 Credit(s) Hours: *2 hrs.*
The knowledge and skills necessary to safely assist, and/or effect water rescues, and supervise swimmers in a safe environment. At the conclusion of the course, students will be able to pass both written examination and skills test.
Prerequisite(s)/Corequisite(s): Swimming skills equivalent to American Red Cross Swimmer Course, Standard First Aid and CPR skills
Department: Health, Physical Education and Recreation

PEC 3200 - Water Safety Instructor

1 Credit(s) Hours: *2 hrs.*
The skills necessary to teach swimming and water safety courses as offered by the American Red Cross. At the conclusion students will be able to pass both a written examination and a skills test.
Prerequisite(s): Valid American Red Cross Advanced Lifesaving Certificate **and** either an American Red Cross Swimmer Certificate **or** the ability to perform skills in the swimmer course
Department: Health, Physical Education and Recreation

PEC 3300 - Advanced Swimming

1 Credit(s) Hours: *2 hrs.*
An opportunity to improve cardiovascular fitness. Emphasis is on swimming efficiently and on swimming long distances.
Limited to Deep-Water Swimmers.
Department: Health, Physical Education and Recreation

PEC 3400 - Basics of Modern Western Square Dancing

1 Credit(s) Hours: *2 hrs.*
Survey of different forms of American folk dancing including modern western square dancing, traditional, country/western line and mixer dancing.
Department: Health, Physical Education and Recreation

PEC 3800 - Modern Dance Techniques

1 Credit(s) Hours: *2 hrs.*
The fundamental principles of various schools of modern dance. Includes analysis of movement, conditioning techniques, and basic combinations.
Department: Health, Physical Education and Recreation

PEC 3900 - Modern Dance Composition

1 Credit(s) Hours: *2 hrs.*
Ideas and movement forms: systematic creativity through improvisation studies, formal compositions, and critical appraisal presented through experimentations with time, space, rhythm and correlations to art, poetry and music.
Department: Health, Physical Education and Recreation

PEC 4000 - Modified Physical Activities for all Ages and Abilities

1 Credit(s) Hours: *2 hrs.*
To develop and maintain physical fitness for people of all ages and abilities who require modifications. Students will engage in a variety of activities such as fitness exercises, yoga (on a chair and/or mat), dancing and modified sports. Aspects of fitness, posture, rhythms, movement, breathing, concentration and relaxation are emphasized.
Department: Health, Physical Education and Recreation

PEC 4100 - Intermediate Swimming

1 Credit(s) Hours: *2 hrs.*
The elements of good swimming and a variety of skills are taught. Students practice parts of strokes as well as whole stroking movements.
Prerequisite(s): Ability to swim safely in deep water
Department: Health, Physical Education and Recreation

PEC 4400 - Tennis 2

1 Credit(s) Hours: *2 hrs.*
Course reviews basic tennis skills: ready position, forehand stroke, backhand stroke, serve and volley. Students will receive an evaluation and individualized instruction.
Prerequisite(s): PEC 1100
Department: Health, Physical Education and Recreation

PEC 4500 - Tennis 4

1 Credit(s) Hours: *2 hrs.*
Course reviews intermediate tennis skills, including: Eastern forehand, semi-Western forehand, Western forehand stroke, top spin, and strategy for singles and doubles play. Students will receive an evaluation and individualized instruction.
Prerequisite(s): PEC 1200
Department: Health, Physical Education and Recreation

PEC 5600 - Pilates System of Exercise

1 Credit(s) Hours: *2 hrs.*
Introduction to a progressive series of exercises based on Joseph H. Pilates' method of conditioning the body. It accommodates all fitness levels to increase muscle strength, flexibility and balance of the entire body.
Department: Health, Physical Education and Recreation

PEC 6400 - Deep Water Exercise for Fitness

1 Credit(s) Hours: *2 hrs.*
Introduction to the components of fitness achieved through the utilization of non-impact movements performed in deep water. The development of muscular strengths, flexibility and increased aerobic capacity will be stressed as students work in a non-impact exercise environment.
Prerequisite(s): Each student will be required to swim 25 meters (1 lap) and demonstrate the ability to stay afloat by treading water for a two-minute time period
Department: Health, Physical Education and Recreation

PEC 6500 - Aqua Exercise

1 Credit(s) Hours: *2 hrs.*
An overview of the scope of fitness attainable from a regulated program of exercising in water. Development of muscular strength, flexibility and increased aerobic capacity (endurance) is stressed in aqua aerobics and water exercise.
Department: Health, Physical Education and Recreation

PEC 6600 - Intermediate Yoga

1 Credit(s) Hours: *2 hrs.*
Techniques for deepening one's practice of classical yoga postures, exploring various lineages, styles and traditions of Yoga including Iyengar, Ashtanga and Vinyasa, posture variations, backbends and inversions, intermediate pranayama (breathing) techniques and the use of yoga props.
Prerequisite(s): PEC 2900 **or** PEC 6700 **or** permission of instructor
Department: Health, Physical Education and Recreation

PEC 6700 - Yoga and Meditation

2 Credit(s) Hours: *2 hrs.*
Application of the fundamental principles of yoga and meditation. An overview of the philosophy and psychology of yoga and meditation, an understanding of asanas and chakras, an explanation for the contraindications for certain asanas or meditative techniques, and a review of physical and psychological health conditions that may derive significant benefit from yoga and meditation.
Prerequisite(s): PEC 2900 **or** other yoga experience with permission of instructor
Department: Health, Physical Education and Recreation

PEC 7100 - High Intensity Fitness Training

1 Credit(s) Hours: *2 hrs.*
This course will introduce students to the methodology and practice of high intensity fitness training. High intensity training is an advanced method designed to obtain higher levels of fitness by combining calisthenics, resistance training and aerobic fitness activities. Students will learn safe and effective techniques to improve health-and skill-related components of physical fitness.
Department: Health, Physical Education and Recreation

Physical Education: Men's Activities

PEM 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Health, Physical Education and Recreation

PEM 200 - Baseball

1 Credit(s) Hours: *2 hrs.*
To develop individual and team techniques involved in "College Baseball." Conditioning, sportsmanship, team play, appreciation of the game and its rules, and other benefits.
Offered only in Spring
Department: Health, Physical Education and Recreation

PEM 500 - Basketball Techniques

1 Credit(s) Hours: *2 hrs.*
Various aspects of basketball include: basic skills, practice drills, individual and team responsibilities in man-to-man and zone defenses, offenses against man-to-man and zone defenses, coaching techniques and basketball strategy.
Department: Health, Physical Education and Recreation

Physical Education: Women's Activities

PEW 200 - Basketball

1 Credit(s) Hours: *2 hrs.*
Learn about basketball, develop individual skills required to participate successfully and learn strategies necessary for team play.
Department: Health, Physical Education and Recreation

PEW 600 - Softball

1 Credit(s) Hours: *2 hrs.*
Throwing, catching, batting and running skills are developed so the game of softball can be played with enjoyment and satisfaction. Strategies of play and rules of the game.
Department: Health, Physical Education and Recreation

PEW 700 - Power Volleyball

1 Credit(s) Hours: *2 hrs.*
Introduction to the techniques of a highly skilled game of volleyball called power volleyball, including history, rules, scoring, terminology, general conditioning, individual volleyball skills, team play elements, specific offense and defense tactics.
Department: Health, Physical Education and Recreation

PEW 2100 - Personal Self Defense for Women

1 Credit(s) Hours: *2 hrs.*
This course is designed to provide women with the skills necessary for women to protect themselves in violent or potentially violent situations. Women will learn to spot danger before it begins, survival tips for safety problem areas in daily life, strategies for controlling panic and remaining calm, and practical self-defense techniques.
Department: Health, Physical Education and Recreation

Physical Therapist Assistant

PTA 100 - Foundations of Physical Therapy I

3 Credit(s) Hours: *5 hrs.*
Introduction to medical terminology and abbreviations, effective documentation and interpretation of physical therapy documents, multimedia documentation strategies, basic skills and competencies including range of motion, vital signs monitoring, body mechanics, lifting techniques, bed mobility/draping and transfer activities.
Prerequisite(s): BIO 1100
Corequisite(s): PTA 100, PTA 200 and PTA 2000
Department: Allied Health, Mental Health and Human Services

PTA 200 - Kinesiology and Applied Anatomy

4 Credit(s) Hours: *6 hrs.*
Introduction to the anatomy of the musculo-skeletal system as well as basic kinesiology concepts. Joint goniometry is presented. Emphasis is on the role and nature of muscles, muscular origins, insertions and innervations, articular function and structure.
Prerequisite(s): BIO 1100
Corequisite(s): PTA 100, PTA 1000 and PTA 2000
Department: Allied Health, Mental Health and Human Services

PTA 300 - Foundations of Physical Therapy II

3 Credit(s) Hours: *5 hrs.*
A continuation of PTA 100, introduction to gait deviations and ambulation activities using assistive devices and guarding techniques. Wheelchair activities are also presented. Introduction to the rehabilitation population, including the effects of aging and the geriatric patient.
Prerequisite(s): PTA 100, PTA 200, PTA 1000, PTA 2000 and BIO 1100
Department: Allied Health, Mental Health and Human Services

PTA 400 - Modalities and Procedures I

5 Credit(s) Hours: *8 hrs.*
Introduction to the physical basis of physical therapy modalities of heat and cold along with physiological principles, indications, contraindications and precautions, the origins and management of pain, basic assessment techniques necessary to evaluate the efficacy of the applied modality, including length and girth assessments and skin and sensation assessments.
Prerequisite(s): PTA 300
Corequisite(s): PTA 500
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Allied Health, Mental Health and Human Services

PTA 500 - Therapeutic Exercise

5 Credit(s) Hours: *8 hrs.*
Introduction to therapeutic exercise techniques, studied by anatomical region. Manual muscle testing is presented and practiced. Topics including resistive exercise, passive stretching and range of motion techniques. Therapeutic exercise equipment such as kinetron, ergometers, treadmill and wall pulleys are introduced.
Prerequisite(s): PTA 300
Corequisite(s): PTA 400
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Allied Health, Mental Health and Human Services

PTA 600 - Clinical Practicum I

3 Credit(s) Hours: *35 hrs.*
Initial eight-week, full-time clinical experience as assigned by the Academic Coordinator of Clinical Education. Under the supervision of clinical faculty at a facility providing physical therapy services, students interact with patients, provide physical therapy treatment and assist therapists in measurements and complex procedures. Students apply their knowledge and practice the skills of transfer and gait training, the application of heat and cold and therapeutic exercise. Students must be assessed as competent in all previous coursework prior to the first clinical practicum.
Prerequisite(s): PTA 500
Department: Allied Health, Mental Health and Human Services

PTA 700 - Modalities and Procedures II

4 Credit(s) Hours: *6 hrs.*
The physical basis of physical therapy modalities of electricity and physiological principles, indications, contraindications and precautions. Introduction to the pulmonary toilet, mechanical traction, phototherapy and therapeutic massage.
Prerequisite(s): PTA 300, PTA 400, PTA 500, PTA 600 and BIO 1200
Corequisite(s): PTA 800
Department: Allied Health, Mental Health and Human Services

PTA 800 - Selected Topics in Physical Therapy

5 Credit(s) Hours: *8 hrs.*
Selected topics related to the physical therapy management of pathology with emphasis on comprehensive physical therapy including normal motor development, neurodevelopmental techniques, proprioceptive neuromuscular facilitation, back pathologies and treatments, orthotic management, amputee and prosthetic management, orthopedic protocols and administrative topics. Facilitation of the application of all previous learning in classroom, laboratory and clinical settings.
Prerequisite(s): PTA 400, PTA 500, PTA 600 and BIO 1200
Corequisite(s): PTA 700
Department: Allied Health, Mental Health and Human Services

PTA 900 - Clinical Practicum II

3 Credit(s) Hours: *35 hrs.*
Concluding eight-week, full-time clinical experience as assigned by the Academic Coordinator of Clinical Education. Under the supervision of clinical faculty at a facility providing physical therapy services, students interact with patients, provide physical therapy treatment and assist therapists in measurements and complex procedures. Students practice the skills of transfer and gait training, modalities application and therapeutic exercise. Student's skills and competence in these areas are assessed by the program faculty prior to participation in this course and must be assessed as competent in all previous coursework prior to this clinical practicum.
Prerequisite(s): PTA 800
Department: Allied Health, Mental Health and Human Services

PTA 1000 - Introduction to Physical Therapy

3 Credit(s) Hours: *3 hrs.*
Introduction to the physical therapy profession. Topics include: the history of physical therapy, pertinent laws governing practice, code of conduct, the role of the professional association, the role of the physical therapist and physical therapist assistant, definition of the rehabilitation population, communication skills and psycho-social aspects of disabilities.
Corequisite(s): PTA 100, PTA 200 and PTA 2000
Prerequisite(s)/Corequisite(s): BIO 1100
Department: Allied Health, Mental Health and Human Services

PTA 2000 - Pathology

3 Credit(s) Hours: *3 hrs.*
Introduction to common pathologies partially managed by physical therapy. The course is divided into four units: orthopedic, neurological, cardiopulmonary and acute medical conditions. General overviews of common pathologies, including anatomical and physiological considerations, etiologies and physical therapy management.
Prerequisite(s): BIO 1100
Corequisite(s): PTA 100, PTA 200 and PTA 1000
Department: Allied Health, Mental Health and Human Services

PTA 2500 - Interactions in the Clinic

3 Credit(s) Hours: *4.5 hrs./1.5 hrs. lecture, 3 hrs. laboratory*
Simulation of the clinical environment through the use of specific role playing activities related to the administration of physical therapy services, PT/PTA interactions, ethical challenges, interdisciplinary communication and other relevant issues.
Prerequisite(s): PTA 600
Corequisite(s): PTA 700 and PTA 800
Department: Allied Health, Mental Health and Human Services

Physics

PHY 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of physics is developed individually between student and faculty member and must be approved by the Department.
Department: Physical Sciences

PHY 100 - Preview of General Physics

0 Credit(s) 2 Equated Credit(s) Hours: *2 hrs.*
Topics covered include: measurements mathematical background, vectors, motion in a straight line, motion in a plane, forces, work, energy, power, momentum, impulse and angular motion in a plane.
Developmental Course
Prerequisite(s): MAT 900
Department: Physical Sciences

PHY 1100 - General Physics I

4 Credit(s) Hours: *6 hrs.*
First term of non-calculus two-semester lecture and laboratory course in classical and modern physics. Includes study of mechanics, heat, hydrostatics and hydrodynamics, harmonic motion and waves. Physical principles are demonstrated and students receive hands-on laboratory experience.
Recommended for students in liberal arts, pre-medical, pre-dental, pre-pharmacy, pre-optometry and allied health.
Prerequisite(s)/Corequisite(s): MAT 1400; **or** PHY 1100 Skills Support, **or** Department Permission. Contact Department of Physical Sciences for PHY 1100 Skills Support information.
Department: Physical Sciences

PHY 1200 - General Physics II

4 Credit(s) Hours: *6 hrs.*
Second term of General Physics. Includes sound, electricity, magnetism and optics. Laboratory sessions included.
Prerequisite(s): PHY 1100 **or** Department Permission
Department: Physical Sciences

PHY 1300 - Advanced General Physics I

4 Credit(s) Hours: *6 hrs.*
First term of calculus two-semester lecture and laboratory course in classical and modern physics. Includes the study of mechanics, heat, hydrostatics and hydrodynamics, harmonic motion and waves. Physical principles demonstrated and hands-on laboratory experience.
Recommended for science, engineering, pre-medical and allied health students who desire a more comprehensive treatment than given in PHY 1100.
Prerequisite(s)/Corequisite(s): MAT 1500 , **or** PHY 1300 Skills Support, **or** Department Permission. Contact Department of Physical Sciences for PHY 1300 Skills Support information.
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

PHY 1400 - Advanced General Physics II

4 Credit(s) Hours: *6 hrs.*
Second term of PHY 1300. Topics include sound, electricity, magnetism and optics. Laboratory sessions included.
Prerequisite(s): PHY 1300
Prerequisite(s)/Corequisite(s): MAT 1600, **or** PHY 1400 Skills Support, **or** Department Permission. Contact Department of Physical Sciences for PHY 1400 Skills Support information.
Required Core: Life and Physical Sciences
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

PHY 4200 - Ideas of Modern Physics

3 Credit(s) Hours: *3 hrs.*
The origin, ideas and scientific developments of modern physics including a brief description of Classical Physics, the Theory of Special and General Relativity, and Quantum Mechanics.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Department: Physical Sciences

PHY 9201 - Research I

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

PHY 9202 - Research II

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

PHY 9203 - Research III

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

PHY 9204 - Research IV

1-3 Credit(s) Hours: *2-6 laboratory hrs.*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results
Prerequisite(s): Department permission
Department: Physical Sciences

Political Science - U.S. Politics

POL 5100 - Introduction to U.S. Government

3 Credit(s) Hours: *3 hrs.*
Structure of the national government and the way it operates. Includes discussion of our democratic system, the three branches of government (executive, legislative and judicial), political parties, pressure groups, and current legislation.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

POL 5300 - State and Local Governments and Politics

3 Credit(s) Hours: *3 hrs.*
An introduction to a contemporary perspective on the powers and responsibilities of state and local governments in the context of understanding how the government of the United States works. This course will focus on the ways that state and local governments both cooperate and conflict with the national government, and on specific topics including elections; state-local-federal relations; and on policy issues, such as education, criminal justice, health and welfare with a particular emphasis on New York City and New York State government and politics.
Department: History, Philosophy and Political Science

POL 5400 - The Presidency

3 Credit(s) Hours: *3 hrs.*
Description and analysis of the Presidency as a post-World War II political institution. A historical introduction to the role of the President, the growth of the Presidency from 1789 to the present, and the factors currently affecting presidential elections, and presidential powers.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

POL 5500 - U.S. Political Parties

3 Credit(s) Hours: *3 hrs.*
The function and role of the American political party system in American life will be explored. Special emphasis will be given to social bases of voting blocks, patterns of voting and non-voting, the influence of money and interest groups on the parties and how the system has changed over time.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: History, Philosophy and Political Science

POL 5600 - Urban Politics

3 Credit(s) Hours: *3 hrs.*
This course explores the economic, historic, political, and social forces that shape urban life. It then examines several contested policy issues - housing, economic development, education and/or welfare. Through readings, films, discussions, and research, students will become familiar with key concepts in urbanism and how intersections of race/class/gender inform urban experience.
Department: History, Philosophy and Political Science

POL 6100 - Introduction to Public Policy

3 Credit(s) Hours: *3 hrs.*
This course examines the policy environment, major actors, and institutions involved in the complex process of policy making in the United States. Understanding the policy process is key to examining problems and formulating appropriate solutions in policy areas such as criminal justice, education, healthcare, social welfare, housing, and environmental policy. This course will focus on the stages of the policy process including, agenda setting, policy formation, decision making, policy implementation and policy evaluation.
Department: History, Philosophy and Political Science

POL 6500 - Civil Rights and Liberties

3 Credit(s) Hours: *3 hrs.*
The central American heritage issues of freedom and equality of opportunity, the development of freedom of speech, press, religion, guarantees of assembly and petition, civil rights, women's rights, and affirmative action.
Department: History, Philosophy and Political Science

Political Science - Global Politics (Non-U.S.)

POL 5000 - Introduction to Political Theory

3 Credit(s) Hours: *3 hrs.*
This course explores essential questions of political life, such as: What is freedom? Who has the right to rule? What is human nature? and What kind of government do we deserve? We examine these questions in the context of various cultures and historical periods, engaging with ideas such as equality, freedom, democracy, and the rule of law.
Flexible Core: Individual and Society (Group D)
Department: History, Philosophy and Political Science

POL 5200 - Introduction to Comparative Government

3 Credit(s) Hours: *3 hrs.*
An introduction to the major types of political systems in the world. Uses both qualitative and quantitative analysis to study the role of ideology, economics, elite groups, and political institutions. Covers Western and non-Western systems, with emphasis on Britain, Germany, the U.S., China, Nigeria, and selected other countries.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

POL 5700 - Introduction to Political Economy

3 Credit(s) Hours: *3 hrs.*
Political economy within a social, political and historical context and the problems of recession, inflation and resource insufficiency. "Getting and spending" and their concomitant politico-economic costs and benefits are dealt with in discussions and readings which are institutionally oriented rather than theoretically contrived. Attention is on existing and emerging public agencies and their constituencies, and on the nature of policy making and administration.
Department: History, Philosophy and Political Science

POL 5800 - Environmental Politics

3 Credit(s) Hours: *3 hrs.*
This course is designed to introduce students to the political dimensions of environmental issues. Students will learn about major environmental threats, the history of the environmental movement, and environmental justice. We will cover debates about climate change and the political efforts to address these problems at the global, national, and local levels
Department: History, Philosophy and Political Science

POL 5900 - Introduction to International Relations

3 Credit(s) Hours: *3 hrs.*
Exploration of concepts and issues in international relations with an emphasis on state power, sovereignty, nationalism, colonialism, and the role of international law and organizations in the maintenance of order and security. Course includes analysis of globalization, the world economy, transnational actors, human rights, and the environment.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

POL 7500 - Gender and Politics

3 Credit(s) Hours: *3 hrs.*
The exploration of women's political representation worldwide with an emphasis on female politicians in the United States. The ways in which political life is gendered and multiple explanations for women's political underrepresentation are also explored. The roles women play in politics as voters, activists, candidates, and elected officials are examined.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

POL 9300 - Global Politics

3 Credit(s) Hours: *3 hrs.*
This course introduces students to central issues facing the global community including war, terrorism, security, poverty, the environment, human rights, international organizations, gender issues, inequality, the global economy and international law.
Flexible Core: World Cultures and Global Issues (Group A)
Department: History, Philosophy and Political Science

Political Science - Non-Designated

For Independent Studies and Topical/Pilot courses, content will determine if the course is deemed as U.S Politics or Global Politics.

POL 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of political science is developed individually between student and faculty member and must be approved by the Department.
Department: History, Philosophy and Political Science

POL 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: History, Philosophy and Political Science

Polysomnographic Technology

PSG 100 - The Science of Sleep and Circadian Rhythms

3 Credit(s) Hours: *3 hrs.*
This course is designed to provide students with the biological basis for clinical sleep and circadian rhythms disorders. Students will be introduced to the history of sleep research, and current theories regarding how and why we sleep. Daily biological rhythms and their relationship to sleep and wake states will also be investigated in this course.
This course is intended for students planning on applying to the Polysomnographic Technology, AAS.
Prerequisite(s)/Corequisite(s): ENG 1200, BIO 1100, **and** MAT 9010 **or** MAT 9B0 **or** MAT 900
Department: Allied Health, Mental Health and Human Services

PSG 101 - Neuroscience and Pharmacology in Sleep

4 Credit(s) Hours: *4 hrs.*
This course will inform students of the neurological basis of sleep. The anatomical brain regions responsible for sleep and waking, as well as endogenous neurochemicals modulating sleep and wake will be discussed. In the second half of this course, the effects of pharmacological compounds on sleep architecture are described.
Prerequisite(s): PSG 100
Corequisite(s): PSG 102 and PSG 106
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Allied Health, Mental Health and Human Services

PSG 102 - Foundations of Polysomnography I

3 Credit(s) Hours: *4 hrs.*
In this course students will be taught the basic skills required to perform a clinical sleep study, including electrode placement using the international 10-20 system and how to use respiratory belts, pressure transducers, thermistors, pulse-oximetry, end tidal capnography, and electromyography during a sleep recording. Use of polysomnographic equipment, including amplifier settings, inputting patient data, and setting up basic recording montages, is also covered.
Prerequisite(s): PSG 100
Corequisite(s): PSG 101 and PSG 106
Department: Allied Health, Mental Health and Human Services

PSG 103 - Clinical Practicum in Sleep Medicine I

6 Credit(s) Hours: *24 hrs.*
Students will be placed in an active clinical sleep laboratory for the entire semester. One night per week the student will observe a registered polysomnographic technician at work. As the student becomes familiar with the workings of the laboratory, they will begin preparing patients for nighttime sleep studies, and will learn how to monitor patients during the night.
Prerequisite(s): PSG 101, PSG 102, PSG 106, **and** MAT 9010 **or** MAT 9B0 **or** MAT 900, **and** MAT 2010 **or** MAT 20B0 **or** MAT 2000, BLS certification, and medical clearance from the internship site
Corequisite(s): PSG 104 and PSG 105
Department: Allied Health, Mental Health and Human Services

PSG 104 - Foundations of Polysomnography II

3 Credit(s) Hours: *4 hrs.*
Advanced topics for clinical sleep recordings will be covered in this course, including how to perform Multiple Sleep Latency (MSLT) and Maintenance of Wakefulness (MWT) testing and montages for special patient populations such as for seizure, REM behavior disorder, bruxism, and pediatrics. Identification of both physiological and non-physiological electrical artifact commonly seen while performing polysomnography, as well as advanced trouble shooting of technical equipment will also be covered.
Prerequisite(s): PSG 101, PSG 102 and PSG 106
Corequisite(s): PSG 103 and PSG 105
Department: Allied Health, Mental Health and Human Services

PSG 105 - Clinical Polysomnographic Scoring

3 Credit(s) Hours: *4 hrs.*
Students will learn to define sleep stages, respiratory events, periodic limb movements, seizures, bruxism, and EKG arrhythmias from electrophysiological data obtain during a polysomnographic recording. At the end of this course, students should be able to properly score a polysomnographic based on the criteria described in the American Academy of Sleep Medicine Manual for the Scoring of Sleep and Associated Events.
Prerequisite(s): PSG 101, PSG 102 and PSG 106
Corequisite(s): PSG 103 and PSG 104
Department: Allied Health, Mental Health and Human Services

PSG 106 - Classification of Sleep Disorders

3 Credit(s) Hours: *3 hrs.*
The focus of this course is to give students a complete understanding of the nosology of clinical sleep and circadian rhythms disorders from the perspective of the International Classification of Sleep Disorders Diagnostic & Coding Manual. Upon completion of this course, students should know the diagnostic criteria of all major sleep and circadian rhythm disorders.
Prerequisite(s): PSG 100
Corequisite(s): PSG 101 and PSG 102
Department: Allied Health, Mental Health and Human Services

PSG 107 - Cardiopulmonary Physiology in Sleep

3 Credit(s) Hours: *3 hrs.*
The physiology of normal respiratory function during sleep, as well as our current understanding of the pathophysiology of obstructive and central apneas during sleep is described. Acute and long-term consequences of sleep apnea, as well as cardiac function and dysfunction with a specific focus on arrhythmias commonly associated with sleep-disordered breathing is investigated.
Prerequisite(s): PSG 103, PSG 104, and PSG 105
Corequisite(s): PSG 108
Department: Allied Health, Mental Health and Human Services

PSG 108 - Clinical Practicum in Sleep Medicine II

6 Credit(s) Hours: *24 hrs.*
As in the Clinical Practicum in Sleep Medicine I, students in this course will spend a semester observing and working in a clinical sleep laboratory. During this semester students will focus on learning to titrate patients with positive airway pressure machines including CPAP, BiPAP and ASV. Titration of supplemental oxygen will also be taught. Real time obstructive and central sleep apnea and hypopnea, and EKG arrhythmia detection will be an area of particular focus. Students will also gain experience performing MSLT and MWT testing.
Prerequisite(s): PSG 103, PSG 104, PSG 105, and medical clearance from internship site
Corequisite(s): PSG 107
Department: Allied Health, Mental Health and Human Services

Psychology

PSY 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of psychology is developed individually between student and faculty member and must be approved by the Department.
Department: Behavioral Sciences

PSY 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Behavioral Sciences

PSY 1100 - General Psychology

3 Credit(s) Hours: *3 hrs.*
Introduction to psychology as a science. Topics covered in this survey course include: historical background, fields and divisions, scientific methods, biological underpinnings of thought and behavior, learning and memory.
Flexible Core: Scientific World (Group E)
Department: Behavioral Sciences

PSY 2400 - Psychological Disorders in Young Children

3 Credit(s) Hours: *3 hrs.*
Psychological disorders in young children and the practices required to deal with them in educational settings. The problems and needs of children with behavioral, emotional, intellectual, developmental and sensory disabilities are studied. The causes, diagnostic, therapeutic and educational interventions with teaching methods are reviewed for each category based upon principles learned in introductory psychology.
New York State mandated two-hour session on recognizing and reporting child abuse is included.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

PSY 2800 - Contemporary Psychological Viewpoints

3 Credit(s) Hours: *3 hrs.*
Trends in contemporary psychological theories, including the shift from psychology as a natural science to a human science. The roles of evolutionary psychology, cognitive constructivism, and feminist theories and their historical and cultural contexts as they affect human consciousness.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

PSY 3000 - Child and Adolescent Development

3 Credit(s) Hours: *3 hrs.*
Human growth and development from conception through adolescence, including physical, cognitive and psycho-social domains. The effects on development of culture, ethnicity, race, gender, sexual orientation, socioeconomic status and disability will be examined.
Not open to students who have completed PSY 3200.
Prerequisite(s): PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

PSY 3200 - Human Growth and Development

3 Credit(s) Hours: *3 hrs.*
Human development from infancy through childhood, adolescence, and adulthood. Intellectual growth, personal and social adjustment, the relationship between physical and mental development, and typical problems in various stages of the life-cycle.
Not open to students who have completed PSY 3000.
Prerequisite(s): PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

PSY 3300 - Social Psychology

3 Credit(s) Hours: *3 hrs.*
Social psychology is the study of the effect of others (real, imagined, and perceived) on individuals' thoughts, feelings, and behaviors. Topics will include the science of social psychology, social cognition, self and identity, social perception, attitudes, persuasion, social influence, group dynamics, stereotypes, prejudice, discrimination, aggression, prosocial behaviors, attraction and close relationships, and applications of social psychology to health, law, and business. All learning outcomes for a traditional social psychology course will be satisfied.
Prerequisite(s): PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

PSY 3400 - Psychology of Personality

3 Credit(s) Hours: *3 hrs.*
An examination of the phenomenon of personality including psychodynamic, social-cognitive, and contemporary neurobiological perspectives. Topics include personality development, typology, pathology, growth, and the construction of meaning.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

PSY 3500 - Educational Psychology

3 Credit(s) Hours: *3 hrs.*
Current scientific theory and research relating to formal learning environments including: process of human learning, concept-formation, language affecting acquisition and retention, new approaches to motivate and direct learning, new methods of organizing and transmitting information and knowledge.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

PSY 3600 - Abnormal Psychology

3 Credit(s) Hours: *3 hrs.*
Concepts of normality and abnormality, and significant theoretical contributions to personality disorganization. Historical factors and current trends in the field of Mental Health and causes of behavioral disorders are discussed in terms of the impact of social, cultural, genetic and other factors. Survey of treatment methods included.
Prerequisite(s): PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

PSY 3700 - Psychology of Gender

3 Credit(s) Hours: *3 hrs.*
Study of psychological factors specifically related to women and men, including traditional and current models of femininity and masculinity in social, occupational, and sex roles. There will be a focus on current and historical controversial issues in men's and women's lives, with discussion about the nature and development of gender roles, relationships and sexuality, and stereotypes about gender and behavior specifically. Male and female student experiences will be used to address the ways in which gender is constructed in our society. Students will be encouraged to engage in self-reflection and critical thinking to help support, or refute, theories presented.
Prerequisite(s): PSY 1100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

PSY 4100 - The Psychology of Immigration

3 Credit(s) Hours: *3 hrs.*
This course examines the psychological impact of immigration and how immigrants navigate in American society. This course will provide students with a brief overview of our postcolonial history, cultural genocide in residential schools, the problem with the Model Minority Myth, developmental problems in satellite babies, stigma of mental illness among immigrant communities, the role of culture and food, living as migrant workers, the meaning of citizenship, feeling sage in an age of xenophobia, and the importance immigrants supporting Black Lives Matter movement. Students who take this course will have a better understanding of the role of immigration and the lived experiences of immigrants, become more civically engaged in their communities, and be more culturally competent.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

PSY 4200 - Psychology and Political Activism

3 Credit(s) Hours: *3 hrs.*
In recent years, multiple crises - political, economic, public health, and climate - have led to the reemergence of mass protests and social movements in the U.S. and around the world. This activism has won reforms and shifted public consciousness, suggesting even bigger changes to come. To better understand these processes and how we might contribute to them, this course examines the connection between psychology and political activism. We will ground our work in developmental and social psychological theories on the connection between mind and society. Then we will apply these theories to illuminate political and psychological experiences of oppression, alienation, solidarity, and liberation. We will explore how powerful social movements can transform the implicit and explicit attitudes of participants, supporters, and even opponents. We will connect psychological phenomena to political struggles for racial justice, economic equality, women's and LGBT equality, disability rights, educational justice, and workers' power. We will act by engaging our campus, communities, and New York City through an activist psychological lens.
Prerequisite(s): PSY 1100
Department: Behavioral Sciences

Retail Merchandising

RM 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of retail merchandising is developed individually between student and faculty member and must be approved by the Department.
Department: Business

RM 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interest of various student populations. It is offered for a maximum of two semesters.
Department: Business

RM 3000 - Consumer Behavior

3 Credit(s) Hours: *3 hrs.*
The buying process of consumers and their behavior variables, how to understand peoples' wants and assess the influence consumer groups (government, households and business) have on each other and society.
Prerequisite(s): BA 1100
Department: Business

RM 3100 - Elements of Retail Management

3 Credit(s) Hours: *3*
Introduction to management techniques considered essential to the planning, organization, control and operation of retail establishments. The fundamentals underlying modern merchandising practices, recent developments in trading area analysis, shopping centers, consumer relations, warehousing, transportation, stock control, and data processing. Retail case studies and field trips.
Now listed as BF 3100
Department: Business

RM 3300 - Salesmanship

3 Credit(s) Hours: *3*
Principles of selling based on modern marketing concepts. Consumer needs and desires combined with company objectives, contributions of the behavioral sciences to the study of consumer behavior and buying patterns, organization and control of wholesale, industrial, and retail sales.
Now listed as BF 3300.
Department: Business

RM 3400 - Merchandising Planning and Control

3 Credit(s) Hours: *3*
Basic merchandising principles to understand the principles of good merchandise planning and decision-making. Students acquire the ability to adjust to continually changing conditions in the retailing environment. Topics include stock planning, market evaluation, fashion forecasting and pricing.
Now listed as BF 3400.
Prerequisite(s): BF 3100 **or** RM 3100
Department: Business

RM 9229 - Field Experience in Retail Merchandising

3 Credit(s) Hours: *9 hrs.*
A capstone course for Retail Merchandising majors. Eight (8) hours per week of supervised field experience in fashion or marketing management, plus one (1) hour seminar a week devoted to developing strategies for personal and career success.
Now listed as BF 9229 - Field Experience in the Business of Fashion.
Prerequisite(s): For Retail Merchandising seniors only.
Department: Business

Science

SCI 2500 - Applied Physical Sciences for Allied Health Careers

3 Credit(s) Hours: *5 hrs.*
Lecture and laboratory course on chemistry and physics topics with direct bearing on health services. Includes: mechanics, electricity, optics, atomic energy, radioactivity, atomic structure, chemical bonding, chemical equations, behavior of gases, respiration and oxygen therapy, properties of liquids and solutions including hydrostatics and hydrodynamics, acids and bases, plus an introduction to organic and biochemistry and drug calculations.
Student must complete SCI 2500 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): Passed, exempt, **or** completed developmental course work for the CUNY Assessment Tests in Reading, Writing, and ACCUPLACER CUNY Assessment Test in Math. Open only to students in the Pre-Clinical Nursing Plan
Department: Physical Sciences

SCI 3700 - Developments in the Physical Sciences (with Laboratory)

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. laboratory)*
Basic concepts in the physical sciences and their applications in today's technologically advanced world are presented. The impact that modern technology has on our physical environment is examined. Selected topics include: pollution, ozone layer depletion, global climate change, pesticides and chemicals in food, energy sources (renewable and non-renewable), and medical and military applications of technology. Students will engage in science through application of the methods of science (e.g. empirical, experimental and scientific method). Students will develop the ability to formulate strong, logical, science-based arguments, evaluate and discuss environmental issues, and test hypotheses to improve problem solving skills.
Student must complete SCI 3700 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Flexible Core: Scientific World (Group E)
Department: Physical Sciences

SCI 5100 - Physical Sciences and the Environment (with Laboratory)

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. laboratory)*
An investigation of important topics that involve the state of the environment from a scientific perspective. This course will cover topics that include global warming, stratospheric ozone depletion, acid rain, the carbon and nitrogen cycles, chemical and industrial pollution, the impact of fossil fuels, nuclear energy, and treatment. The gathering, analysis, interpretation, and presentation of scientific data. The measure of selected physical, chemical and geological properties that influence the structure and function of ecological systems. Selected standard techniques used to observe, sample and describe natural systems.
Student must complete SCI 5100 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Flexible Core: Flexible Core: Scientific World (Group E)
Department: Physical Sciences

SCI 7000 - The Science of Nutrition (with Laboratory)

3 Credit(s) Hours: *5 hrs. (1 hr. lecture, 4 hrs. laboratory)*
Learn and measure the physical and chemical properties that influence the structure and function of the chemical properties that influence the structure and function of nutritional systems. Gain experience with practical applications of nutritional science. Practice the gathering, analysis, interpretation, and presentation of scientific data. Learn standard techniques used to observe, sample and describe natural systems
Student must complete SCI 7000 Laboratory - Initial Student Safety Instruction & Certification prior to the first laboratory meeting. See Department of Physical Sciences website Chemistry Laboratory Safety section for information.
Prerequisite(s): CUNY English and Math Proficient **or** Department Permission
Required Core: Life and Physical Sciences
Department: Physical Sciences

SCI 9201 - Research I

1-3 Credit(s) Hours: *2-6 hrs. laboratory*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department Permission
Department: Physical Sciences

SCI 9202 - Research II

1-3 Credit(s) Hours: *2-6 hrs. laboratory*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department Permission
Department: Physical Sciences

SCI 9203 - Research III

1-3 Credit(s) Hours: *2-6 hrs. laboratory*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Prerequisite(s): Department Permission
Department: Physical Sciences

SCI 9204 - Research IV

1-3 Credit(s) Hours: *2-6 hrs. laboratory*
Planning and carrying out a undergraduate research project under supervision of a faculty member including literature readings, laboratory work, conferences with faculty member, and presentation of research results.
Department: Physical Sciences

Science: College Now

SCI 100 - Issues and Adventures in Science

3 Credit(s) Hours: *3 hrs.*
The most recent and important discoveries in the biological and physical sciences are presented, observed, discussed, and experimented with, to acquaint students with the world around them. Brain research, studies of aging, disease, fertility, immunity, and the origin of life are explored. Studies emphasize relations to mankind's place in the universe, self-explorations and technological achievements.
Prerequisite(s): Enrollment in "College Now" Program
Flexible Core: Scientific World (Group E)
Department: Physical Sciences

Sociology

SOC 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of sociology is developed individually between student and faculty member and must be approved by the Department.
Department: Behavioral Sciences

SOC 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Behavioral Sciences

SOC 3100 - Introduction to Sociology

3 Credit(s) Hours: *3 hrs.*
An introduction to the scientific study of society and social interactions. This course covers social theories, methods, culture, deviance, social inequities (including race, class, and gender) and social situations (such as the family, education, and religion). Students learn to analyze, evaluate, and critique social structures and to understand social change.
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

SOC 3200 - Urban Sociology

3 Credit(s) Hours: *3 hrs.*
The origin of the world's cities, industrialization and the global spread of cities, post-industrial cities and cities of the future. Urban research methods. The development and contemporary life of multicultural American cities.
Prerequisite(s): SOC 3100 or ANT 3700
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: Behavioral Sciences

SOC 3300 - Social Problems: Institutions in Crisis

3 Credit(s) Hours: *3 hrs.*
Focusing on problems whose origins lie outside the individual and how their effects are reflected in the behavior of individuals and the institutions of society. Students will explore problems relating to health care, education, criminal justice, inequality, etc.
Prerequisite(s): SOC 3100 or ANT 3700
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

SOC 3500 - Sociology of the Family

3 Credit(s) Hours: *3 hrs.*
The sociology of the family study areas include: definitions, pattern variations, developmental theories and specialized functions and their effect on socialization, courtship, marriage, divorce and the life cycle.
Prerequisite(s): SOC 3100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

SOC 3600 - Race and Ethnicity

3 Credit(s) Hours: *3 hrs.*
Selected minority groups in American society are studied. Topics discussed include: nature of prejudice and discrimination, social meaning of minority, annihilation, assimilation, competition, conflict, exploitation, social and cultural change, past and present trends and developments.
Prerequisite(s): SOC 3100
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: Behavioral Sciences

SOC 3800 - Sociology of Gender

3 Credit(s) Hours: *3 hrs.*
An exploration of the ways people construct gender and how gender structures our everyday lives and society in general. Issues that are covered include: how gender is produced, the relationship of gender to biology, gender and sexuality, the social evolution of gender, the gendered division of labor in the home and the workforce, gender and religion, micro politics of gender and race, class and gender as intertwined systems of inequality.
Prerequisite(s): SOC 3100
Flexible Core: Individual and Society (Group D)
Department: Behavioral Sciences

SOC 3900 - The Sociology of Religion

3 Credit(s) Hours: *3 hrs.*
Introduction to the study of religion and society, basic definitions and concepts, methods, organizational structures, secularization, church-state, immigration and multi-cultural environments, interactive effects with socioeconomic status, ethnicity and gender.
Prerequisite(s): SOC 3100 or PSY 1100 or ANT 3700
Flexible Core: World Cultures and Global Issues (Group A)
Department: Behavioral Sciences

SOC 4100 - Urban Policy Analysis

3 Credit(s) Hours: *3 hrs.*
This class will introduce students to the process of public policy analysis. Public policy is an interdisciplinary field which draws from Sociology, Political Science, Economics, and other related social sciences to guide policy decisions on the local, national, and transnational levels. Students will learn how to examine real urban policy problems in a case study format, then apply potential policy solutions/ alternatives to eliminate or lessen these problems. Student will also learn about the functions of major policy institutions, and the impact of urban policy decisions on their lives, by exploring problems in the fields of Education, Health, Housing, Food Systems and Public Policy.
Prerequisite(s): SOC 3100
Department: Behavioral Sciences

SOC 4200 - Introduction to Criminology

3 Credit(s) Hours: *3 hrs.*
This course is designed as an engaging and informative intellectual discourse. Criminology is a multidisciplinary field that comprehensively understands crimes, their causes, and the criminal justice system. The course will allow students to develop critical thinking skills to unpack contemporary challenges relating to crime, victimization, and crime prevention within the framework of criminological theories. In addition, you will engage in evidence-based knowledge and insights that can directly inform criminal justice, decision-making, and policies.
Prerequisite(s)/Corequisite(s): SOC 3100
Department: Behavioral Sciences

SOC 6500 - Introduction to Law and Society

3 Credit(s) Hours: *3 hrs.*
This course introduces students to the ways that people attempt to use law for social and political change, as well as how social and political forces affect the content of law and access to it. Using a variety of approaches, the course covers issues such as how people understand law and how law both limits and empowers people politically.
Prerequisite(s): SOC 3100
Department: Behavioral Sciences

Spanish

SPA 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of Spanish is developed individually between student and faculty member and must be approved by the Department.
Department: Communications and Performing Arts

SPA 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

SPA 100 - Elementary Spanish I

3 Credit(s) Hours: *3 hrs.*
For students with no previous training in the language, or, as indicated by the Language Placement Examination score. Emphasis on correct pronunciation through intensive oral practice, use of language laboratory and audio-visual materials, acquisition of basic vocabulary and the elements of grammar for conversation, comprehension, reading and writing.
Not open to native speakers.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 200 - Elementary Spanish II

3 Credit(s) Hours: *3 hrs.*
Further development language skills, comprehension, speaking, reading and writing.
Prerequisite(s): SPA 100 or acceptable Language Placement Examination score
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 300 - Intermediate Spanish

3 Credit(s) Hours: *3 hrs.*
Progressive development of language skills, based on foundations established in elementary Spanish. Grammar review is supplemented by readings of modern Spanish literature.
Prerequisite(s): SPA 200 **or** acceptable Language Placement Examination score
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 400 - Readings in Hispanic Literature

3 Credit(s) Hours: *3 hrs.*
Advanced grammar and composition through selected readings in Hispanic literature.
Prerequisite(s): SPA 300 **or** acceptable Language Placement Examination score
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 1100 - Spanish for Teachers I

4 Credit(s) Hours: *4 hrs.*
Teachers are introduced to Spanish language fundamentals. Development of basic conversational ability, grammar patterns, understanding writing and reading through intensive practice in the classroom. Language lab drills use computer software, audio-visual and musical materials. Different approaches for teaching Spanish to children.
Open to teachers only or Department permission.
Department: Communications and Performing Arts

SPA 1200 - Spanish for Teachers II

4 Credit(s) Hours: *4 hrs.*
Further development of Spanish language skills for teachers includes: study of basic grammatical patterns, development and acquisition of new vocabulary, ample utilization of language lab and classroom drills, use of computer software, and audio-visual and musical materials. Various approaches for teaching Spanish to children.
Open to teachers only or Department permission.
Prerequisite(s): SPA 1100 **or** equivalent
Department: Communications and Performing Arts

SPA 1700 - Intensive Review of Spanish Grammar

3 Credit(s) Hours: *4 hrs.*
For students who have had three or more years of high school Spanish but have not studied the language for a substantial period of time, or for Spanish native speakers with limited formal training in the language.
Prerequisite(s): Acceptable Language Placement Examination score
Department: Communications and Performing Arts

SPA 1800 - Proper Models of Spanish Grammar and Conversation for Native Speakers

3 Credit(s) Hours: *3 hrs.*
For Spanish-speaking students, stress on improvement of reading and writing skills.
Prerequisite(s): Native conversational ability, acceptable Language Placement Examination score, and Department permission
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 2200 - Elementary Spanish Conversation

3 Credit(s) Hours: *3 hrs.*
Basic conversational skills for students who wish to use the Spanish language to communicate with Spanish speaking people.
Prerequisite(s): SPA 200 or three years of high school Spanish or Department permission
Department: Communications and Performing Arts

SPA 3000 - Readings in Peninsular Spanish Literature in Translation

3 Credit(s) Hours: *3 hrs.*
A study, analysis and discussion of the most outstanding literary productions of Spain, from the Middle Ages to contemporary texts.
The course will be taught entirely in English.
Prerequisite(s)/Corequisite(s): ENG 1200
Department: Communications and Performing Arts

SPA 3100 - Readings in Spanish-American Literature in Translation

3 Credit(s) Hours: *3 hrs.*
For students who wish to explore the high points of Spanish-American literature.
Instruction is entirely in English.
Open to all students.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPA 3300 - Intermediate Spanish Conversation

3 Credit(s) Hours: *3 hrs.*
Intensive practice in spoken Spanish for students who wish to use the language to communicate with Spanish speaking people and students of Spanish in familiar situations.
Prerequisite(s): SPA 200 and SPA 2200 **or** Department permission
Department: Communications and Performing Arts

SPA 3400 - Spanish America: Culture, Art and Music

3 Credit(s) Hours: *3 hrs.*
Outstanding facets of Spanish-American culture, includes all important historic, political, literary and artistic movements, individuals, ideas and periods. Grammar, literature and composition emphasized through reading selected representative authors and works of each period.
Instruction is in both Spanish and English.
Prerequisite(s): SPA 400 **or** SPA 1800 **or** Department permission
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPA 3500 - The Contemporary Latin American Short Story

3 Credit(s) Hours: *3 hrs.*
A study of contemporary Latin American culture as revealed in the short story genre. Examining texts in translation will reveal the elements in the writing which combine to create their particular qualities.
The course will be taught entirely in English.
Prerequisite(s): ENG 1200
Department: Communications and Performing Arts

SPA 3600 - Spanish Syntax and Composition

3 Credit(s) Hours: *3 hrs.*
To improve and reinforce student skills, orthography, vocabulary, syntax, analytical writing and stylistics are stressed.
Prerequisite(s): SPA 1800 **or** acceptable Language Placement Examination score
Department: Communications and Performing Arts

SPA 4400 - Advanced Spanish Conversation

3 Credit(s) Hours: *3 hrs.*
For students who wish to speak fluently and correctly in current idiom. Intensive practice and group discussions on general and cultural topics. Through study of selected short fiction, brief plays and journalistic materials from well-known authors, students enlarge vocabulary, knowledge of native idiomatic expressions and literary concept.
Prerequisite(s): SPA 300 **or** Department permission
Department: Communications and Performing Arts

SPA 5300 - Spanish-American Literature

3 Credit(s) Hours: *3 hrs.*
Survey of the significant literary production of Spanish America from colonial beginnings to the present, with special attention to major authors of the 20th century.
Instruction is in Spanish.
Prerequisite(s): SPA 400 **or** equivalent **or** Department permission
Department: Communications and Performing

SPA 5500 - History and Civilization of Spain

3 Credit(s) Hours: *3 hrs.*
Chronological study of major Spanish historical trends and developments to the present. Political, literary and artistic movements, highlight important individuals, ideas and periods are examined as selected texts representative of each period are read.
Instruction is in Spanish and English.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPA 7000 - Spanish Cinema

3 Credit(s) Hours: *3 hrs.*
Study of the best films and film scripts in the Spanish cinema. Instruction is in English with a view toward developing appreciation of the history, art and aesthetics of the Spanish cinema and increasing Spanish language experience.
Department: Communications and Performing Arts

SPA 7100 - Puerto Rican Folklore

3 Credit(s) Hours: *3 hrs.*
Study of folkloric compositions of the Puerto Rican people in all forms - literary, musical, superstitions, etc., their sources and formation as influenced by all three cultural groups in Puerto Rican history: Indian, Spanish, and Black, and how they influence the Puerto Rican of today.
Instruction is in Spanish and English.
Department: Communications and Performing Arts

SPA 7400 - Latin American Cinema

3 Credit(s) Hours: *3 hrs.*
Exploration of the culture of Latin America through film. All films are subtitled in English.
The course will be taught entirely in English.
Department: Communications and Performing Arts

Speech

SPE 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of speech communication is developed individually between the student and faculty member and must be approved by the Department.
Prerequisite(s): Speech Communication Major in last year of study and permission of Program Director.
Department: Communications and Performing Arts

SPE 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters
Department: Communications and Performing Arts

SPE 1000 - Survey of Communication

3 Credit(s) Hours: *3 hrs.*
An introductory survey of the principles, concepts, theories, models, and methods that define the study of communication. Attention is given to the history of the field, verbal and nonverbal communication, communication research, and research methods. Students will examine the filed in a variety of contexts, including interpersonal, organizational, public, intercultural, and mediated communication.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPE 1100 - Basic Communication Skills and Practice

3 Credit(s) Hours: *3 hrs.*
An introductory course in listening and speaking including the basics of human communication, verbal and nonverbal communication, and elements of listening with an emphasis on critical listening. Students will develop and deliver several presentations as well as evaluate the presentations of their peers
Prerequisite(s): Not open to students at ENG 2400 level.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPE 1200 - Interpersonal Communication

3 Credit(s) Hours: *3 hrs.*
The communicator's development of self-concepts, ability to understand and project a comfortable and confident self-image. Methods to improve and use this knowledge when interacting and communicating with other individuals and with groups.
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

SPE 1600 - Survey of Speech, Language and Hearing Disorders

3 Credit(s) Hours: *3 hrs.*
A survey of speech, language and hearing disorders. Students gain an understanding of communication disorders and their effects on those with the disorders.
Department: Communications and Performing Arts

SPE 1700 - Introduction to Linguistics

4 Credit(s) Hours: *4 hrs.*
Introduction to the scientific study of language, including the analysis of word, sentence, and sound structure. This survey course presents some of the major areas of the formal study of linguistics, including morphology, phonetics, phonology, syntax and semantics. In addition, this course introduces the applied fields of language acquisition and sociolinguistics.
Department: Communications and Performing Arts

SPE 1800 - Health Communication

3 Credit(s) Hours: *3 hrs.*
Health communication is a field of study that encompasses theories, research, and applications of the symbolic processes by which people, both individually and collectively, understand, share ideas about, and accommodate to health and illness. This course is designed to introduce students to a wide range of scholarship in health communication beginning with a basic introduction to the field of health communication and then moving through the key topics, definitions, theories and perspectives. The course will examine how individuals' health behavior is framed by the contexts and modes in which we communicate including narratives, individual, interpersonal, art, organizational, community, media, cultural and public policies. Students will learn the basics of clear, purposeful and compassionate communication across multiple channels, strengthening their health literacy skills and by becoming more informed health citizens.
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

SPE 1900 - Family Communication

3 Credit(s) Hours: *3 hrs.*
Family provides some of our first communication experiences, it can shape our communication perspectives, and it also presents us with communication challenges. This course explores the communication processes and functions of the family with focus on key family communication and relationship experiences (e.g., sibling relationships, power dynamics, family stories/identity, illness/crisis, marriage, divorce, negotiating gender, culture, and sexuality). The concept of family is continually evolving so this course will use diverse, practical, and critical perspectives informed by current scholarship for thinking through issues related to family
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

SPE 2100 - Effective Public Speaking

3 Credit(s) Hours: *3 hrs.*
The basic elements for clear and effective public speaking. Practice and study in skills such as organizing information, researching and outlining speeches, developing ideas for a particular audience, using media for clarification and amplification of ideas, and speaking extemporaneously. Students will review the history of public speaking, analyze speeches and bring together all basic elements of public speaking through their own presentation of formal and informal speeches to inform and persuade.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPE 2400 - Career Communication

3 Credit(s) Hours: *3 hrs.*
Communication skills used most frequently in the professions, business and industry. Speaking logically and expressing ideas creatively. Theories of interpersonal communication and practice in such speaking situations as job interviews, small group presentations, business meetings, conferences and platform speaking, use of clear and acceptable speech.
Department: Communications and Performing Arts

SPE 2500 - Small Group Communication

3 Credit(s) Hours: *3 hrs.*
Principles and techniques of group interaction. Conference leadership and participation skills are learned through reading, discussion, practice, observation and evaluation of group discussions. Focus is on how learned concepts may be applied to educational, social and business situations.
Flexible Core: Individual and Society (Group D)
Department: Communications and Performing Arts

SPE 2600 - Intercultural Communication

3 Credit(s) Hours: *3 hrs.*
How culture shapes the communication process, similarities and differences in cultural representations, linguistic practices, non-verbal communication, and societal norms and meanings. Acquiring competence in intercultural communication settings is emphasized.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

SPE 2700 - Oral Interpretation

3 Credit(s) Hours: *3 hrs.*
Students learn to recreate and communicate what writers and poets say in various types of literature. Through guided preparation, analysis, presentation and evaluation of individual readings of material ranging from simple reports to poetry, practical skill and enjoyment in reading aloud is developed. Recommended to Performing Arts and Radio Broadcasting students.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

SPE 2900 - Voice and Articulation

3 Credit(s) Hours: *3 hrs.*
A course designed for students who wish to learn about the theory of voice production and the formation of the sounds of speech as illustrated by English varieties and other languages. This course is particularly useful if you are interested in becoming a speech language pathologist, language teacher, linguist, speech scientist (developing software for speech recognition and synthesis), or speech coach.
Department: Communications and Performing Arts

SPE 4000 - Phonetics

4 Credit(s) Hours: *4 hrs.*
Introduction to different aspects of phonetics and their relationship to language. The sounds of English and the International Phonetic Alphabet which symbolizes those sounds will be included. Theoretical foundations of phonetics will be explored as they relate to normal and abnormal language development as well as speech correction and improvement.
Department: Communications and Performing Arts

SPE 4100 - Language Development

3 Credit(s) Hours: *3 hrs.*
An understanding of normal language development including issues of speech and hearing. Aspects of second language development as it relates to first language acquisition will be included. Language development will be discussed as it relates to motor, perceptual, cognitive, emotional and social issues.
Department: Communications and Performing Arts

Student Development

SD 1000 - Freshman Seminar

1 Credit(s) Hours: *1 hr.*
This freshman seminar course assists incoming students in their college transition, facilitates interactive learning, and helps to develop knowledge and skills important for attaining academic success. In order to provide students with an opportunity to develop personally, academically, and socially, the course addresses the topics of learning styles, skills for academic success such as note taking and time management, career exploration, academic policies and procedures, information literacy and diversity. Students are encouraged to think critically, to develop an academic plan, and to learn outside of the classroom through out-of-class experience events such as slam poetry, yoga, and cultural diversity workshops. The class also promotes the development of a strong bond between students and their instructor as well as with the college community. This course supports Learning Communities.
Department: Student Affairs

SD 1100 - Career and Life Planning

1 Credit(s) Hours: *1 hr.*
Students have an opportunity to explore careers with emphasis on their interests, abilities, aptitudes and college experiences. They learn how to plan for future work and leisure time. Topics include the nature of work, contemporary changes in careers and work ethic, self-assessment, jobs, and changing lifestyles. Current labor market information is introduced followed by intensive, individual research and exploration of occupations. Instruction and practical assignments explore the dynamics and techniques of job-seeking, decision-making, goal-planning and priority-setting.
Department: Student Affairs

SD 1200 - Strategies for College Success

1 Credit(s) Hours: *1 hr.*
This course examines typical problems encountered in college and the strategies to overcome these difficulties. It offers an assessment of personal academic strengths and weaknesses and an examination of the internal and external barriers to academic success. Students are assigned a counselor/advisor to explore issues that often correspond to the course curriculum.
Department: Student Affairs

Addiction Studies

SAC 91A0 - Substance Abuse Counseling - Field Internship I

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab) 11 hrs./wk. for 10 weeks*
This is Part I of the final course in the CASAC credentialing sequence. All students in this class are interning in a New York State-Office of Addiction Supports and Services (NYS-OASAS) licensed facility for two-days weekly (12 hours). Students participate in counseling activities with program clients, group observations, co-facilitation, interdisciplinary treatment team and supervision meetings, and other professional activities at NYS licensed treatment agencies under the supervision of both program staff and college faculty. Students may also participate in group supervision that reinforces the core competencies and integration of the classroom and field internship content. Emphasis is placed on ethical, professional comportment and clinical skills development.
Prerequisite(s): SAC 2000, SAC 2200, and SAC 2600
Department: Allied Health, Mental Health and Human Services

SAC 91B0 - Substance Abuse Counseling - Field Internship II

3 Credit(s) Hours: *10 hrs./wk. for 5 weeks*
This is Part II of the final course in the CASAC credentialing sequence. All students in this class are interning in a New York State-Office of Addiction Supports and Services (NYS-OASAS) licensed facility for two-days weekly (14 hours). Students participate in counseling activities with program clients, group observations, co-facilitation, interdisciplinary treatment team and supervision meetings, and other professional activities at NYS licensed treatment agencies under the supervision of both program staff and college faculty. Students also participate in classroom seminars that focus on the core competencies and integration of the classroom and field internship content. Emphasis is placed on ethical, professional comportment and clinical skills development.
Prerequisite(s): SAC 91A0 or Department permission
Prerequisite(s)/Corequisite(s): SAC 2400 and SAC 2800
Department: Allied Health, Mental Health and Human Services

SAC 2000 - Introduction to Alcoholism and Substance Abuse Counseling

3 Credit(s) Hours: *3 hrs.*
Students are provided with an overview of core concepts in chemical dependency. Students are introduced to the physiological, psychological, social/emotional, cultural, spiritual, political and economic influences on the development of substance use disorders. Basic theories, stages of chemical dependency, stages of recovery, and the continuum of services are discussed. Students also develop basic skills in identifying the signs and symptoms of the common substances of abuse, and their effects on the brain, body and behavior. Students are exposed to concepts related to the recovery oriented systems of care (ROSC), mutual/peer support and non-traditional interventions such as acupuncture.
Corequisite(s): SAC 2200
Department: Allied Health, Mental Health and Human Services

SAC 2200 - Basic Techniques in Substance Abuse Counseling I

3 Credit(s) Hours: *3 hrs.*
Students are introduced to a range of interpersonal communication techniques that are critical to engaging, assessing and overall treating the client, and to the major standardized screening and evaluation tools. Focus is placed on the practical/experiential integration of interpersonal techniques and best practices to partner with the client to conduct screenings, intakes and thorough psychosocial assessments. Students also work on developing client-centered treatment/recovery and discharge plans that prepare the client for long-term stabilization. Implementation of the treatment/recovery plan is also stressed with students getting the opportunity to simulate engaging clients from various cultural backgrounds in individual sessions. Students will learn and apply evidence-based practices including the Trans-Theoretical Model (TTM), Motivational Interviewing (MI), Motivational Enhancement Therapy (MET) and Cognitive Behavioral Therapy (CBT). Emphasis is placed on accuracy and precision in documentation.
Corequisite(s): SAC 2000
Department: Allied Health, Mental Health and Human Services

SAC 2400 - Basic Techniques in Substance Abuse Counseling II

3 Credit(s) Hours: *3 hrs.*
Students are provided with the opportunity to learn more advanced skills in counseling including developing and facilitating a group. Basic theoretical and practical foundations of group work and its application to chemical dependency is emphasized. Special issues that may arise with persons diagnosed with substance use disorders (HIV/AIDS, mental illness, mandated clients, physical challenges, cultural barriers, etc.) are covered with a focus on skill-learning and techniques to facilitate therapeutic change. Relapse prevention training and addressing vocational-educational barriers to long-term recovery are also emphasized within the context of motivational interviewing, stages of change, and other prominent relapse prevention counseling theories. Documentation of group work will be practiced, continuing the principles and techniques learned in SAC 2200.
Prerequisite(s): SAC 2000 **and** SAC 2200
Department: Allied Health, Mental Health and Human Services

SAC 2600 - Ethics, Confidentiality and the Counselor-Client Relationship in Substance Abuse Treatment

3 Credit(s) Hours: *3 hrs.*
The specific mandates of 42 CFR, Part II are covered as they relate to the counselor's experience in an agency setting. Recent developments in 45 CFR Parts 160 & 164, which impact the substance abuse confidentiality regulations are explored and applied to clinical practice. Confidentiality and Privacy, as it is written for HIV/AIDS patients, is incorporated. Codes of ethics that apply to CASAC counselors are discussed with an emphasis on critical thinking in the resolution of common ethical dilemmas. The counselor-client relationship with its professional and ethical responsibilities are stressed, including with regard to mandatory reporting; access to care and funding/block grant requirements; and use of new/emerging technology.
Prerequisite(s): SAC 2000 **and** SAC 2200
Department: Allied Health, Mental Health and Human Services

SAC 2800 - Behavioral Health Care Treatment Approaches

3 Credit(s) Hours: *3 hrs.*
The course provides an overview of the historical approach to treating addiction/behavioral health issues in the United States from the Revolutionary War to the present. The impact of the social, medical, legal and cultural climate on the public and professional view of chemical dependency is addressed. Students will critically assess the strengths and limitations of each modality with regard to the current treatment network, including with regard to its philosophical orientation, prevailing attitudes, and the roles of both professionals and recovering persons.
Prerequisite(s): SAC 2000 **and** SAC 2200
Department: Allied Health, Mental Health and Human Services

SAC 3000 - Compulsive Gambling: Treatment and Prevention for Substance Abuse Counselors

4 Credit(s) Hours: *4 hrs.*
Students develop an understanding of gambling as a compulsive behavior often associated with substance use disorders. The historical phenomenon of wagering and its prevalence as a societal problem is explored. Clinical counseling and professional intervention with individuals and families are stressed, including assessment, treatment planning, referral/case management, as well as family and patient education. Evidence-based principles for prevention and intervention are also explored. This course also meets the eligibility criteria for the gambling designation – CASAC-G, once other practice and supervised experience guidelines are met.
Qualification for NYS OASAS as a gambling counselor certification
Prerequisite(s): SAC 2000 **and** SAC 2200
Department: Allied Health, Mental Health and Human Services

SAC 3200 - Addiction and the Family

2 Credit(s) Hours: *3 hrs. (1 hr. lecture, 2 hrs. lab)*
This course provides students with instruction in the interpersonal and behavioral dynamics of addiction in the family. Students are introduced to a variety of family theories and models that can be used in assessment and treatment. The bio-psycho-social-environmental effects of addiction on the family are examined. Critical elements in screening, assessment, treatment/discharge and relapse prevention planning, crisis intervention and case management are reviewed and students practice basic skills needed to work with families as individuals and in family groups. Students are introduced to prevalent evidence–based approaches and emphasis is placed on cultural factors and on special issues including that related to military families, co-occurring disorders, domestic violence and others. Practice in delivering addiction materials as psycho-educational interventions to families is also addressed.
This course is approved by the NYS OASAS credential.
Prerequisite(s): SAC 2000 **and** SAC 2200
Department: Allied Health, Mental Health and Human Services

Surgical Technology

ST 2P00 - Surgical Technology II Laboratory Component

3 Credit(s) Hours: *6 hrs. lab*
This course provides the hands-on laboratory component for practice of the essential skills during the perioperative phase of patient care. Students have the opportunity to apply the skills necessary for function in the scrub role in any operating room.
Prerequisite(s): ENG 1200, BIO 1100, and ST 990
Corequisite(s): ST 100 and ST 200
Department: Allied Health, Mental Health and Human Services

ST 3P00 - Practicum I

2 Credit(s) Hours: *8 clinical hrs.*
Provides the student individualized experience in practice in the field. Emphasis is placed demonstrating proficiency necessary to participate in surgical procedures.
Prerequisite(s): ST 100, ST 200, and ST 2P00
Corequisite(s): ST 300, ST 400, and ST 4P00
Department: Allied Health, Mental Health and Human Services

ST 4P00 - Practicum II

2 Credit(s) Hours: *8 clinical hrs.*
Provides the student with individualized experience in practice in the field. Emphasis is placed on demonstrating proficiency in skills necessary and participating in basic surgical procedures.
Corequisite(s): ST 300, ST 3P00, and ST 400
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Allied Health, Mental Health and Human Services

ST 5P00 - Practicum III

3 Credit(s) Hours: *16 clinical hrs.*
Continuation of individualized experiences in practice in the field. Emphasis is placed on demonstrating proficiency in skills necessary for participating in the advanced specialties.
Prerequisite(s): ST 400 and ST 4P00
Corequisite(s): ST 500
Prerequisite(s)/Corequisite(s): BIO 5100
Department: Allied Health, Mental Health and Human Services

ST 6P00 - Practicum IV

3 Credit(s) Hours: *16 clinical hrs.*
Provides the student with individualized experience in the field. Emphasis is placed on demonstrating proficiency in skills necessary for independent practice.
Prerequisite(s): ST 500 and ST 5P00
Corequisite(s): ST 600
Department: Allied Health, Mental Health and Human Services

ST 100 - Surgical Technology I

3 Credit(s) Hours: *3 hrs.*
This introductory course intends to introduce the student to the broad field of Surgical Technology. The basic, general information section introduces the student to the Perioperative environment and professional roles of the surgical team members. The Patient Care section is a comprehensive overview of the historical development of surgery and the practice of Surgical Technology. Professional conduct is discussed in conjunction with communication skills and surgical ethics.
Prerequisite(s): BIO 1100, ENG 1200 and ST 990
Corequisite(s): ST 200 and ST 2P00
Department: Allied Health, Mental Health and Human Services

ST 200 - Surgical Technology II

3 Credit(s) Hours: *3 hrs.*
Provides theoretical knowledge for the application of essential operative skills during the perioperative phase of patient care. It introduces the student to the necessary critical thinking required to apply the practice of surgical technology with a focus on those skills necessary for functions in the scrub role. This course will be taught as a lecture in conjunction with an active hands-on practice laboratory component.
Prerequisite(s): BIO 1100, ENG 1200, and ST 990
Corequisite(s): ST 100 and ST 2P00
Department: Allied Health, Mental Health and Human Services

ST 300 - Surgical Technology III

3 Credit(s) Hours: *3 hrs.*
Principles and the practice of surgical technology with a focus on those functions that impact the circulating role. Introduction to surgical pharmacology, anesthesia and wound healing physiology. This course will be taught as a lecture in conjunction with an active hands-on clinical component.
Prerequisite(s): ST 100, ST 200, and ST 2P00
Corequisite(s): ST 3P00, ST 400, and ST 4P00
Department: Allied Health, Mental Health and Human Services

ST 400 - Surgical Procedures

3 Credit(s) Hours: *3 hrs.*
Introduction to each anatomical system with a focused review of pathology in conjunction with those specific procedures performed. The instrumentation and surgical modalities of each specialty will be covered as they relate to the practice of Surgical Technology. Surgical specialties include General, Gastrointestinal, Biliary, Gynecologic, Ear-Nose and Thoracic Surgery, Plastic, and Pediatric Surgery. This course intends to introduce the student to each body system with a focused systems review of pathology in conjunction with those specific procedures performed. The instrumentation and surgical modalities of each Surgical Specialty will be taught as it relates to the practice of Surgical Technology. This course is taught as a lecture with a hands-on component as it relates to specialized equipment.
Corequisite(s): ST 300, ST 3P00, and ST 4P00
Prerequisite(s)/Corequisite(s): BIO 1200
Department: Allied Health, Mental Health and Human Services

ST 500 - Advanced Surgical Procedures

3 Credit(s) Hours: *3 hrs.*
Continuation of anatomical systems with a focused review of pathology in conjunction with specific procedures performed. The instrumentation and surgical modalities of each advanced surgical specialty will be covered as they relate to the practice of Surgical Technology.
Prerequisite(s): ST 400 and ST 4P00
Corequisite(s): ST 5P00
Prerequisite(s)/Corequisite(s): BIO 5100
Department: Allied Health, Mental Health and Human Services

ST 600 - Professional Strategies for the Surgical Technologist

3 Credit(s) Hours: *3 hrs.*
Prepares students for both certification and life in the work force. It is both a review course for certification as well as development of job-seeking skills to ensure that the student succeeds in a career path. Resume writing and interviewing techniques are covered as a requirement for the Certified Surgical Technologist for recertification and continuing education throughout his or her career.
Prerequisite(s): ST 500 and ST 5P00
Corequisite(s): ST 6P00
Department: Allied Health, Mental Health and Human Services

ST 990 - Integrated Healthcare Sciences and Medical Terminology

3 Credit(s) Hours: *3 hrs.*
This comprehensive course aims to provide students with a strong foundation in healthcare sciences, microbiology, medical terminology, pathophysiology, wound healing, medical math, sterile processing decontamination, and surgical-medical equipment terminology. Through a combination of lectures, practical exercises, and hands-on learning, students will gain a deep understanding of the principles and practices essential in the healthcare field.
Open only to students applying to the Surgical Technology program.
Corequisite(s): BIO 1100 and ENG 1200
Department: Allied Health, Mental Health and Human Services

ST 4500 - Surgical Pharmacology

3 Credit(s) Hours: *3 hrs.*
The study of pharmacology relevant to the preparation, distribution and administration of those medications commonly used in the operating room environment. Concepts of intended therapeutic effects, side effects and adverse effects are covered.
Offered only in fall and open only to Surgical Technology Majors.
Prerequisite(s): ST 100 or Departmental permission
Department: Allied Health, Mental Health and Human Services

Theatre

THA 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of Theatre Arts is developed individually between student and faculty member and must be approved by the department.
Department: Communications and Performing Arts

THA 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

THA 4000 - Performance Practicum Series

1 Credit(s) Hours: *6 hrs. (1 hr. lecture, 5 hrs. lab)*
This practice-based course provides students with hands-on experience working onstage as a performer for live theatrical productions. Working within an ensemble of student and faculty theatre artists, students will practice and execute the theatre skills associated with acting, singing, dance and other modes of theatre performance. This course may be repeated five times for a total of five (5) credits.
Prerequisite(s): Open to Theatre Arts Majors only.
Department: Communications and Performing Arts

THA 4001 - Performance Practicum Series

1 Credit(s) Hours: *6 hrs. (1 hr. lecture, 5 hrs. lab)*
This practice-based course provides students with hands-on experience working onstage as a performer for live theatrical productions. Working within an ensemble of student and faculty theatre artists, students will practice and execute the theatre skills associated with acting, singing, dance and other modes of theatre performance. This course may be taken up to five times for a total of five (5) credits.

Equivalent to THA 4000
This course allows for double enrollment into two practicums in a given semester in order to meet the Theater Arts degree requirements for graduation. Consultation with the Communications and Performing Art Department is **required** to enroll in this course.
Prerequisite(s): Department Permission
Department: Communications and Performing Arts

THA 4100 - Production Practicum Series

1 Credit(s) Hours: *6 hrs. (1 hr. lecture, 5 hrs. lab)*
This practice-based course provides students with hands-on experience working onstage and backstage for live theatrical productions. Working within an ensemble of student and faculty theatre artists, students will practice and execute the theatre skills associated with acting, design, technical theatre, and stage management. This course may be repeated five times for a total of five (5) credits.
Prerequisite(s): Open to Theatre Arts Majors only.
Department: Communications and Performing Arts

THA 4101 - Production Practicum Series

1 Credit(s) Hours: *6 hrs. (1 hr. lecture, 5 hrs. lab)*
This practice-based course provides students with hands-on experience working onstage and backstage for live theatrical productions. Working within an ensemble of student and faculty theatre artists, students will practice and execute the theatre skills associated with acting, design, technical theatre, and stage management. This course may be taken up to five times for a total of five (5) credits. Consultation with the Communications and Performing Art Department is required to enroll in this course.

Equivalent to THA 4100
This course allows for double enrollment into two practicums in a given semester in order to meet the Theater Arts degree requirements for graduation. Consultation with the Communications and Performing Art Department is **required** to enroll in this course.
Prerequisite(s): Department Permission
Department: Communications and Performing Arts

THA 4200 - Advanced Theatre Practicum

1 Credit(s) Hours: *3 hrs*.
This is an intensive exploration of various areas of theatrical practice. Students will explore acting technique, musical theatre performance, dramaturgy, stage management and technical theatre in a conservatory-style setting. Through a team-taught course, students rehearse material for several weeks and then present the material via an experiential learning experience, such as attendance at the regional Kennedy Center American College Festival or other advanced theatrical project.
Prerequisite(s): Department permission
Department: Communications and Performing Arts

THA 4300 - Playwriting

3 Credit(s) Hours: *3 hrs.*
An exploration of the craft of playwriting, including story structure, outlining, first drafts, revisions, and readings. Short plays will be explored, created, revised, and read in a theater setting.
Department: Communications and Performing Arts

THA 4400 - Voice and Diction for the Actor

3 Credit(s) Hours: *3 hrs.*
This course explores the full range of the actor's vocal instrument including pitch, resonance, the release of vocal tension, flexibility, and variety, as a means to support and maximize acting choices. Students will discover the connection between thought, breath and the body, in its relationship to performance. Students will apply these techniques through the study of dramatic text written before 1900.
Prerequisite(s): THA 5200
Department: Communications and Performing Arts

THA 4600 - Musical Theatre Vocal Skills

3 Credit(s) Hours: *3 hrs.*
Introduction to vocal technique and the basic music skills required for the study and performance of musical theatre. Included topics are breath, posture, vocal placement, music reading, song form, and basic vocal anatomy. The application of these techniques will be applied through the singing of musical theatre repertoire.
Department: Communications and Performing Arts

THA 4700 - Stage Management

3 Credit(s) Hours: *3 hrs.*
An exploration of the basic functions and responsibilities of the stage manager in the theatre forum, from preproduction to managing the rehearsal process, to tech and dress, to maintaining performances, and ending with post production archival materials. This course is open to all students.
Department: Communications and Performing Arts

THA 5000 - Introduction to Theatre Arts

3 Credit(s) Hours: *3 hrs.*
This survey course is designed to provide students with a thorough understanding and greater appreciation of the theatrical form. Readings and lectures will focus on the relationship between theatrical theory and practice, the various creative/production roles essential to theatre, as well as major artists and movements throughout theatrical history. Students will analyze major works of dramatic literature to offer context for course content, as well as attend a live theatrical performance on campus.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

THA 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies Link.
Department: Communications and Performing Arts

THA 5100 - Script Analysis

3 Credit(s) Hours: *3 hrs.*
This course explores essential reading, imaginative and analytical skills necessary for the theatre artist to interpret works of dramatic literature. Through the study of selected plays & musicals from the 19th, 20th and 21st centuries, students will critique and assess a diverse set of theatrical works, representing a variety of theatrical genres and playwriting styles, in order to develop and apply analytical reading and creative thinking skills necessary for the theatrical craft. Overall, the course serves to introduce students to significant works of theatre, through scripts and representative productions, in order to highlight the techniques and tools necessary for emerging theatre artists to interpret the playwright's work with creativity, integrity and vision.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

THA 5200 - Acting I: Fundamentals of Acting

3 Credit(s) Hours: *3 hrs.*
This course serves as an introduction to the theories, techniques, histories and applications of modern acting. Students will examine fundamental concepts associated with Stanislavski acting theory including action/objective, beat analysis, vocal technique, emotional memory and physical awareness. Students will define and apply these and other theories through various writing and reading assignments, as well as the interpretation and performance of diverse works of dramatic literature.
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

THA 5300 - Acting II: Scene Study

3 Credit(s) Hours: *4 hrs./2 hrs. lecture, 2 hrs. laboratory/week*
This advanced acting course furthers and develops the skills and techniques explored in Acting I. Through immersive and detailed scene studies, students will develop their acting and storytelling abilities through the examination and execution of central acting skills such as character development, sensory awareness, emotional memory, psychophysical actions, objectives/super-objectives and active listening. Acting theories and techniques are evaluated and analyzed, then applied through the preparation and performance of dramatic works from ranging from the early 20th century to present day.
Prerequisite(s): THA 5200
Department: Communications and Performing Arts

THA 5500 - Introduction to Theatre Design & Technology

3 Credit(s) Hours: *4 hrs. (2 hrs. lecture, 2 hrs. lab)*
Introduction to scenery for live entertainment with special emphasis on the practice of scenic construction. Additionally, students will learn the basic skills that will allow them to function as productive members of the various crews that constitute a theatrical production. Backstage and Shop safety will be emphasized throughout.
Department: Communications and Performing Arts

THA 5600 - Fundamentals of Theatrical Lighting

3 Credit(s) Hours: *3 hrs.*
Introduction to the technology and application of stage lighting, how to focus and hang various types of stage lighting fixtures, operate basic computer lighting consoles and work with lighting design paperwork. Student will apply the learned skills in productions when possible. Basic electricity and safety will be covered.
Department: Communications and Performing Arts

THA 5800 - Musical Theatre Performance

3 Credit(s) Hours: *3 hrs.*
Through this course, students will assess, develop and apply the skills and tools necessary for musical theatre performance. Through the study of acting, vocal, movement and dramaturgical techniques, students will develop a unified approach to the study and performance of musical theatre material. Students will incorporate this approach into the analysis and performance of musical theatre repertoire from both traditional and contemporary works of musical theatre.
Prerequisite(s): THA 5200
Department: Communications and Performing Arts

THA 6000 - Introduction to Costume and Make-Up

3 Credit(s) Hours: *3 hrs.*
Through this course, students will learn the fundamentals of theatrical costuming and make-up for the stage. Students will gain skills in wardrobe supervision, costume management, wardrobe organization, alterations and repairs, make-up application, as well as basic sewing techniques necessary for the current entertainment industry. Students will learn the basic principles of costume design, as well as how to examine renderings and drawings for information regarding costume construction and make-up application.
Department: Communications and Performing Arts

THA 6300 - Basic Sound Technology

3 Credit(s) Hours: *3 hrs.*
Basic principles and operation of sound equipment and the proper methods for using recording technology, microphones, amplifiers and mixers in relation to design productions for the stage, screen and airwaves. Analysis of equipment and methods of operation are applied in class, laboratory and in actual production.
Department: Communications and Performing Arts

THA 6500 - Scenic Design

3 Credit(s) Hours: *3 hrs.*
Fundamentals of visual design theory and aesthetics for theatrical scenery will be learned through the application of technical as well as conceptual solutions. Students will learn to evolve the design process through sketches, mechanical drafting, rendering and modeling techniques. Technology will also be integrated into course content with such elements as computer-aided drafting and design and digital projections.
Department: Communications and Performing Arts

THA 6700 - History of Musical Theatre in the United States

3 Credit(s) Hours: *3 hrs.*
This survey course introduces students to the history of musical theatre, its major productions and significant artists. Students will explore the evolution of musical theatre through the lens of the historical, social and political developments in the United States throughout the 19th and 20th centuries. Through engagement with class lectures, group discussions, scholarly readings, analysis of multimedia and writing assignments, students will analyze, evaluate and differentiate the periods, productions and personalities central to the development of this unique theatre form.
Flexible Core: U.S. Experience in Its Diversity (Group B)
Department: Communications and Performing Arts

THA 6800 - History of Theatre: From Sophocles to Shakespeare

3 Credit(s) Hours: *3 hrs.*
A survey course covering the history of theatre from ancient origins to 17th century Europe. Through the use of historical documents, representative plays, critical essays and renderings of architecture, costumes, scenery and production designs, this course will examine the major periods of theatre history through artistic, cultural, political and social perspectives. Further, the course explores the cultural prominence of theatre within various societal contexts, highlighting the development and diversity of theatre across the historical timeline.
Flexible Core: World Cultures and Global Issues (Group A)
Department: Communications and Performing Arts

Tourism and Hospitality

TAH 81XX - Independent Study

1-3 Credit(s) Hours: *1-3 hrs.*
Independent study of tourism and hospitality is developed individually between student and faculty member and must be approved by the Department
Department: Tourism and Hospitality

TAH 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Tourism and Hospitality

TAH 100 - Introduction to Tourism and Hospitality

3 Credit(s) Hours: *3 hrs.*
Overview of the many and varied organizations and agencies that make up the tourism and hospitality industry, their roles and interrelationships. Topics include transportation, lodgings, restaurants, wholesale and retail operations, attractions, government owned parks and facilities, trade organizations, and governmental agencies.
Department: Tourism and Hospitality

TAH 200 - Destination Geography

3 Credit(s) Hours: *3 hrs.*
Destination development topics include: travel motivation, man-made and natural attractions, and activities in their geographic context, major tourism destination areas, and selling techniques used when counseling clients.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 400 - Tourism and Hospitality Customer Service

3 Credit(s) Hours: *3 hrs.*
The course teaches students the skills and techniques for providing excellent customer service. Students learn how to interact with customers through verbal and written communication to enhance/exceed customer expectations. Through the use of real-world scenarios, case studies, and role-playing, students learn about customer service within the Tourism and Hospitality industry. Students may earn the Guest Service Gold Tourism professional certification from the American Hotel and Lodging Association by passing the certification exam with a minimum score of 70% that accompanies the course content.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 500 - Human Resources and Labor Relations in Tourism and Hospitality

3 Credit(s) Hours: *3 hrs.*
This course examines human resources and labor relations topics within tourism and hospitality organizations, including the planning, forecasting, and discussion of lawful and ethical aspects of human resources and the structure, purpose, and impact, of labor unions on workplace relations. Terminology and best practices within the industry are explored. Relationship between employee and management are examined. A survey of labor union issues common to the industry is conducted.
Prerequisite(s)/Corequisite(s): TAH 100 **or** BA 1100
Department: Tourism and Hospitality

TAH 1200 - Tourism and Hospitality Entrepreneurship

3 Credit(s) Hours: *3 hrs.*
Introduction to the theories and concepts within the tourism and hospitality industries from an entrepreneurial perspective, including key determinants and their innovative impact on performance. The importance and impact of globalization is analyzed, and financial, marketing and legal strategies are explored. The tools needed to start one's own tourism and hospitality business are emphasized.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 1500 - Cruises and Specialty Markets

3 Credit(s) Hours: *3 hrs.*
Presents various specialty, niche travel markets to the student. These markets include: cruises, adventure tourism, heritage tourism, spa and fitness tourism, special interest sports tourism, gaming and casino operations.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 1700 - Tourism Technology

3 Credit(s) Hours: *4 hrs.*
Survey of critical technology components in tourism and aviation. Global Distribution Systems (GDS) and their application to each Industry through workplace simulations and online activities.
Prerequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 1800 - Case Studies in Tourism and Hospitality

3 Credit(s) Hours: *3 hrs.*
The case method is used to examine the various components of the tourism and hospitality industry. Each case contains details of actual operations that can be viewed from various perspectives in reaching solutions. Relevant technology and analytical tools are utilized throughout the course.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 1900 - The Business of Tourism & Hospitality

3 Credit(s) Hours: *3 hrs.*
Survey of critical business competencies and applied technology strategies to manage, market, create and promote tourism and hospitality products and services. Relevant reports and documents are prepared by students through simulated activities. Entrepreneurial activities are placed in a tourism and hospitality context.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 2200 - Front Office Operations

3 Credit(s) Hours: *3 hrs.*
Survey of front office operations within a hotel including front desk, reservations, customer service, night audit, marketing and human resources. Students master and apply critical skills and competencies for careers in the hospitality industry. Preparation for industry certification through the American Hotel and Lodging Association with the successful passing of the American Hotel and Lodging Association's Certified Front Desk Representative exam.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 2500 - Tourism and Hospitality Marketing

3 Credit(s) Hours: *3 hrs.*
Application of practical marketing techniques relating to the tourism and hospitality industries. Marketing mix, communications mix, customer relationship marketing and online marketing will be studied and a marketing plan typically found within small to mid-size businesses will be created.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 3000 - TAH Financial Decision-Making

3 Credit(s) Hours: *3 hrs.*
This course provides students with a basic knowledge of tourism and hospitality industry financial decision-making skills. Students learn, and create, various business reports commonly found in the tourism and hospitality industries including income statements and balance sheets. Quantitative reasoning skills are gained through learning ratio analysis pricing, and forecasting within the context of running a tourism and hospitality related business.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 4100 - Meeting and Convention Management

3 Credit(s) Hours: *3 hrs.*
A focus on the principles and skills required for the management of the meetings and convention industry and the various aspects and skills involved in planning and managing meetings and conventions including: needs assessment, identifying meeting objectives, program developments, facility selection, negotiations, contracts, meeting and function space setup, promotion and publicity, budgeting, evaluation, unions and legal issues. Industry certification from Education Institute-American Hotel & Lodging Association (EL-AH&LA) is possible with a passing score on certification exam.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 4700 - Tourism and Hospitality Sales

3 Credit(s) Hours: *3 hrs.*
This course teaches students the fundamental skills and techniques for a successful career in sales within the Tourism and Hospitality industry. Students learn how to interact with customers through verbal and written communication to manage the sales process. Using real-world scenarios, students learn about sales strategies for different Tourism and Hospitality industry sectors.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 4800 - Introduction to Event Planning

3 Credit(s) Hours: *3 hrs.*
This course introduces students to the foundational principles and practices of event planning within the tourism and hospitality industry. The course covers the complete event lifecycle, from initial concept development to post-event evaluation. Students will learn about key planning elements, including budgeting, site selection, marketing, and logistics.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 4900 - Event Technology and Virtual Meetings

3 Credit(s) Hours: *3 hrs.*
This course provides a comprehensive overview of the technology used to plan, promote, and execute modern events. Students will explore the "Event Tech Stack," from project management and registration platforms to mobile apps and audience engagement tools. The course focuses on the distinct skill set required to produce successful virtual and hybrid meetings, including platform selection, digital engagement strategies, and managing virtual speakers.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 5050 - Integrative Studies Seminar

1 Credit(s) Hours: *2 hrs.*
This course serves as a place where students in learning communities can practice integration and application of thematic concepts explored in other courses in the Integrative Studies link.
Department: Tourism and Hospitality

TAH 5200 - Hotel Property Management Systems

3 Credit(s) Hours: *3 hrs.*
Survey of hotel property management systems and their importance to hotel operations. Students obtain a basic understanding of these systems and their applications to the hotel industry through workplace simulations, role plays, and online activities. Opera, property management software, is primarily taught. Additional property management systems may be surveyed.
Prerequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 5500 - Housekeeping Management

3 Credit(s) Hours: *3 hrs.*
An application of housekeeping management theory and techniques. The importance of the housekeeping department and its role in hotel operations will be discussed from a management, employee, union, and hotel type perspective. Students will learn prevalent housekeeping management theories, and obtain the skills associated with operating a housekeeping department of a hotel. Preparation for industry certification through the American Hotel and Lodging Association with the successful passing of the American Hotel and Lodging Association's Certified Housekeeping Attendant exam.
Prerequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 6500 - Airport and Aviation Security and Management

3 Credit(s) Hours: *3 hrs.*
A broad survey of the air transportation industry and management functions within airline and airport operations. The characteristics, scope and economic significance of airports and air transportation including an analysis of threats and security are surveyed within the aviation industry. An examination of impacts of global aviation terrorism and governmental measures to combat loss of life and property and sample airport terminal security programs are presented for analysis.
Prerequisite(s): TAH 100
Department: Tourism and Hospitality

TAH 9096 - The Virtual Enterprise

3 Credit(s) Hours: *3 hrs.*
This course immerses students in the dynamic world of tourism and hospitality, focusing on innovation and business-building. Students will conceptualize, develop, and pitch an innovative business venture within the tourism and hospitality industry. Through a practical teaching environment, students gain the foundational skills needed to launch a successful enterprise within the industry.
Department: Tourism and Hospitality

TAH 9250 - Field Experience in Tourism and Hospitality

3 Credit(s) Hours: *9 hrs./8 hrs. in field plus 1 hr. on-campus seminar*
This course provides students with experience in the Tourism and Hospitality industry by placing students into internships. Students will gain a comprehensive understanding of the business of tourism and hospitality. In addition, students learn how to be self-sufficient by learning the current approaches to job seeking. The course is a mixture of fieldwork, assignments, and workshops.
Prerequisite(s)/Corequisite(s): TAH 100
Department: Tourism and Hospitality

Yiddish

YD 82XX - Topical/Pilot Course

1-3 Credit(s) Hours: *1-3 hrs.*
This course is of a topical and pilot nature and is designed to meet the immediate needs and interests of various student populations. It is offered for a maximum of two semesters.
Department: Communications and Performing Arts

YD 3000 - Yiddish Literature in Translation

3 Credit(s) Hours: *3 hrs.*
The emergence of Yiddish writers in the modern world. Emphasis is on the main literary personalities and their major contributions. Designed for non-Yiddish speaking students.
All readings and discussions are in English.
Prerequisite(s): ENG 1200
Flexible Core: Creative Expression (Group C)
Department: Communications and Performing Arts

Physical Sciences

PSQ 1001 - Quantitative Skills for Physical Sciences I

0 Credit(s) 1 Equated Credit(s) Hours: *2 hrs. (2 hrs. lab)*
Composed of corequisite support modules in various basic math skills required in physical sciences. This course is non-credit bearing and is not equivalent to any Math course.
Corequisite(s): CHM 1100 Skills Support, PHY 1100 Skills Support, PHY 1300 Skills Support, PHY 1400, EGR 2200 Skills Support, or EGR 2300 Skills Support determination. Contact Department of Physical Sciences for Skills Support Information.
Department: Physical Sciences

PSQ 1002 - Quantitative Skills for Physical Sciences II

0 Credit(s) 1 Equated Credit(s) Hours: *2 hrs. (2 hrs. lab)*
Composed of corequisite support modules in various basic math skills required in the physical sciences. This course in non-credit bearing and is not equivalent to any Math course.
Corequisite(s): CHM 1100 Skills Support, PHY 1100 Skills Support, PHY 1300 Skills Support, PHY 1400 Skills Support, EGR 2200 Skills Support, or EGR 2300 Skills Support, determination. Contact Department of Physical Sciences for Skills Support Information.
Department: Physical Sciences

PSQ 1003 - Quantitative Skills for Physical Sciences III

0 Credit(s) 1 Equated Credit(s) Hours: *2 hrs. (2 hrs. lab)*
Composed of corequisite support modules in various basic math skills required in the physical sciences. This course in non-credit bearing and is not equivalent to any Math course.
Corequisite(s): CHM 1100 Skills Support, PHY 1100 Skills Support, PHY 1300 Skills Support, PHY 1400 Skills Support, EGR 2200 Skills Support, or EGR 2300 Skills Support determination. Contact Department of Physical Sciences for Skills Support Information.
Department: Physical Sciences

PSQ 1004 - Quantitative Skills for Physical Sciences IV

0 Credit(s) 1 Equated Credit(s) Hours: *2 hrs. (2 hrs. lab)*
Composed of corequisite support modules in various basic math skills required in the physical sciences. This course in non-credit bearing and is not equivalent to any Math course.
Corequisite(s): CHM 1100 Skills Support, PHY 1100 Skills Support, PHY 1300 Skills Support, PHY 1400 Skills Support, EGR 2200 Skills Support, or EGR 2300 Skills Support determination. Contact Department of Physical Sciences for Skills Support Information.
Department: Physical Sciences

Liberal Arts Seminar

LAART 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: Art

LABEH 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: Behavioral Sciences

LACOM 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: Communications and Performing Arts

LAENG 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: English

LAHIS 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: History, Philosophy and Political Science

LAWCL 100 - Invitation to the Liberal Arts

1 Credit(s) Hours: *2 hrs. lab*
This is a one credit seminar course for liberal arts majors taught by faculty from the college's liberal arts departments. This course will introduce students to the distinctive background, goals, and practices of the liberal arts, as well as provide students with a map of the major as it exists at Kingsborough, including the role of liberal arts concentrations. This course will provide students with opportunities to actively practice the habits of mind that are central to a liberal arts education, to connect with a community of liberal arts students and faculty, and to reflect on their own academic goals and learning processes.
Open only to Liberal Arts Majors
Department: Communications and Performing Arts

Faculty and Instructional Staff

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Beth Douglas
Executive Legal Counsel and Labor Designee, B.A., J.D.

Gila Rohr
Executive Director of Human Resources, A.A.S., B.A.

Faculty and Instructional Staff

Denise Abarca, *Higher Education Assistant, Academic Program Specialist Collaborative Programs*
B.S., York College

Sonia Abounaoum, *Chief Senior College Laboratory Technician, Tourism and Hospitality*

Sheby Abraham, *Higher Education Assistant, Academic ASAP Student Advisor*
B.A., York College, M.S., College of Staten Island

Mina Abusafe, *Higher Education Assistant, Academic Senior Advisor*
B.S., New York City College of Technology, M.S., Baruch College

John Acevedo, *Senior College Laboratory Technician, Biological Sciences*
A.S., Kingsborough Community College

John Acosta, *Professor, Communications & Performing Arts*
B.A., Hunter College, M.F.A., Brooklyn College

Meghan Mayo Adam, *Higher Education Assistant, Academic ASAP Student Advisor*
B.A., Gonzaga University, M.A., Loyola University

Joanna Agnello, *Lecturer, Behavioral Sciences*
B.A., Brooklyn College, Ed.M., Teachers College, Columbia University

Aba Agolli, *Higher Education Officer, Devlopment Director*
A.A., Kingsborough Community College, B.A., Hunter College

James Ahern, *Assistant Professor, Nursing*
B.S., M.S., Wagner College

Tanzina Ahmed, *Associate Professor, Behavioral Sciences*
B.A., Hunter College, M.Phil., Ph.D., CUNY Graduate Center

Gregory Aizin, *Professor, Physical Sciences*
M.S. Belarussian State University, Ph.D., Russian Academy of Sciences

Namra Ajmal, *Higher Education Assistant, Academic Senior Advisor, Academic Affairs*
B.A., M.A., Brooklyn College

Mariya Albert, *Assistant to Higher Education Officer, Finance Coordinator, Bursar*
B.B.A., Baruch College

Anthony C. Alessandrini, *Professor, English*
B.A., Fairleigh Dickinson University, M.A., Columbia University, Ph.D., Rutgers University

Karl Alexandre, *Higher Education Assistant, Academic College Discovery Student Support Specialist, Student Affairs*
B.A., Medgar Evers College, M.A., Queens College

Gordon Alley-Young, *Professor, Communications & Performing Arts*
B.A., University College of Cape Breton, M.A., M.A.L.S., University of Maine, Ph.D., Southern Illinois University

Amanda Allison, *Higher Education Assistant, Academic Senior Advisor*
B.A., SUNY Institute of Technology

Robert Allison *Higher Education Officer, Athletics Director*
A.S., Columbia Greene Community College, B.S. SUNY Institute of Technology, M.A. Concordia College

Vanessa Almonte, *Higher Education Associate, Financial Aid Manager*
B.B.A., Baruch College, M.P.A., John Jay College of Criminal Justice

Irene Altreche, *Higher Education Assistant, Financial Aid Specialist*
A.S.,B.S., Touro College

Steven Amarnick*, Professor, English*
B.A., Brown University, M.A., Ph.D., Rutgers University

Janet Leal Angel *Assistant to Higher Education Officer, Academic ASAP Coordinator ASAP/CUNY Start*
A.A.S. Kingsborough Community College, B.A. City College

Susan Aranoff, *Professor, Business*
B.A., Barnard College, Ph.D., Columbia University

Fabian Archila, *Assistant to Higher Education Officer, Admissions Coordinator*
B.A., Brooklyn College

Claudia Arias, *Assistant to Higher Education Officer, Financial Aid Advisor*
B.A., Queens College

Laura Armour, *Higher Education Assistant, Administrative Specialist, Access-Ability Center*
A.A., Kingsborough Community College, B.A. Brooklyn College

Stephen Armstrong, *Associate Professor, English*
B.A., University of California, Berkley, M.A., SUNY Stony Brook University, SUNY, Ph.D., CUNY Graduate Center

Jamie Aroosi, *Assistant Professor, History, Philosophy and Political Science*
B.A., University of Toranto, M.A., York University, M.Phil., Ph.D., CUNY Graduate Center

Maral Artykova, *Assistant to Higher Education Officer, Admissions Coordinator*
B.A., M.A., John Jay College of Criminal Justice

Eric Ashendorf, *College Laboratory Technician, Physical Sciences*
B.S., Brooklyn College

Santaro Ashizawa, *Lecturer, Allied Health, Mental Health and Human Services*
B.Economics., Aoyama Gakuin University, M.A., City College

Latoya Aultman, *Higher Education Assistant, Academic Senior Advisor, Liberal Arts*
A.A., Borough of Manhattan Community College, B.A., Mount Holyoke College

Susanna Austin, *Substitute Assistant to Higher Education Officer, NYSOP Academic Advisor*
B.A., Wellesley College, M.S.Ed., Hunter College

Grace Axler-Diperte, *Assistant Professor, Biological Sciences*
B.S., Rensselaer Polytechnic Institute, Ph.D., New York University

Duchess Ayettey, *Assistant to Higher Education Officer, Academic ASAP Program Coordinator*
B.S., Virginia State University

Maria Aziz, *Higher Education Assistant, Academic ASAP Student Advisor*
B.A., M.A., Brooklyn College

Igor Balsim, *Professor, Mathematics & Computer Science*
B.A., Yeshiva University, M.S., New York University, Ph.D., CUNY Graduate Center

Homar Barcena, *Professor, Physical Sciences*
B.S., College of New Jersey, M.S., Ph.D., New York University

Bryant Barksdale, *Assistant to Higher Education Officer, ASAP Recruitment Coordinator,*
A.A., Fulton Montgomery Community College, B.A., M.S. SUNY Albany, M.S. Ed.d Concordia University

Carlene Barnaby, *Associate Professor, Behavioral Sciences*
A.A.S., Kingsborough Community College, B.A., M.A., John Jay College of Criminal Justice

Michael G. Barnhart, *Professor, History, Philosophy & Political Sciences*
B.A., Haverford College, Ph.D., Temple University

Elizabeth Barreras, *Higher Education Assistant, Facilities Coordinator, Campus Facilities*
B.A., Brooklyn College

Andrew Bartholomew, *Higher Education Associate, IT Academic Applications Manager, Starfish Student Success Manager*
A.A.S., Borough of Manhattan Community College, B.A., New York City College of Technology

Maria Bartolomeo-Maida, *Assistant Professor, Behavioral Sciences*
B.A., Stony Brook University, SUNY, M.S., Fordham University, Ph.D., Seton Hall University

Velma Barton, *Higher Education Assistant, Admissions Specialist*
A.A., Borough of Manhattan Community College, B.A., The City College of New York

Sarah Beck, *Higher Education Assistant, ASAP Student Advisor, ASAP*
B.A., Pacific Lutheran University, M.F.A., City College

Ana Belenki, *College Laboratory Technician, Art*
B.F.A., NYSCC, Alfred University, M.F.A., Louisiana State University

Margaret Belizaire, *Higher Education Associate, Administrative Manager*
A.A.S., Kingsborough Community College, B.A., York College

Marilyn Bellantuono, *Higher Education Assistant, Administrative Assistant, Bursar's Office*
B.S., St. John's University

Tamara Bellomo, *Professor, Nursing*
B.S., M.S., Wagner College

Jaime Berco, *Higher Education Assistant, Administrative Specialist*
A.A.S., Kingsborough Community College, B.S., CUNY School of Professional Studies

Deon Bergeron, *Vice President for Enrollment Management B.A.,*
M.B.A., William Penn University, Ed.D., University of Louisiana

Bridget Berran, Assistant Professor, Nursing
A.A.S., New York City College of Technology, B.S., St. Joseph's College, Berkley, M.S., Capella University,

Alison Better, *Professor, Behavioral Sciences*
B.A., Skidmore College, M.A., Ph.D., Brandeis University

Agata Bieda-Krutysz, *Higher Education Assistant, Admissions Processor and Operations Specialist*
B.A., Hunter College, M.A., The New School

Michelle Billies, *Associate Professor, Allied Health, Mental Health and Human Services*
B.A., University of Michigan at Ann Arbor, M.S.W., Columbia University School of Social Work

Chanel Bishop, *Assistant Dean for Advisement*
B.A., University of Illinois Urbana, M.A., Roosevelt University, M.Ed., Depaul University, Ed.D. Benedictine University

Karolina Bizik, *Higher Education Officer, Director of Continuing Education Programs*
B.S., St. John's University, M.A., Adelphi University

Sharon Blaggrove, *Higher Education Associate, Development Manager*
A.A.S., Borough of Manhattan Community College, B.A., City College

Robert Blaisdell, *Professor, English*
B.A., M.A., Ph.D., University of California, Santa Barbara

Natasha Boatswain, *Higher Education Assistant, Financial Aid Specialist*
A.A.S., Kingsborough Community College, B.S., The City College of New York

Beric Boran, *Instructor, History, Philosophy & Political Science*
B.A., University of Split, Croatia, M.A., University of Ljubljana, Slovenia, M. Phil., CUNY Graduate Center

Anthony Borgese, *Professor, Program Director Tourism & Hospitality, Tourism & Hospitality*
A.A.S., Kingsborough Community College, B.A., Brooklyn College, M.B.A., Baruch College, D.S.M., United States Sports Academy

Nefer Bovea, *Higher Education Associate, ASAP Advising Manager*
B.A., Stony Brook University

Kirt Bowen, *Assistant Professor, Allied Health, Mental Health and Human Services*
A.A.S., LaGuardia Community College, B.S., Touro College, M.P.A., Metropolitan College of New York

Michele Bracco, *Lecturer, Health, Physical Education & Recreation,*
B.A., St. Joseph's College, M.A., New York University

Jaqueline Brady, *Professor, English*
B.A., M.A., Catholic University, M.A., Ph.D., New York University

Loretta Brancaccio-Taras, *Professor, Biological Sciences*
B.S., M.S., M. Phil., Ph.D., St. John's University

Shawna Brandle, *Professor, History, Philosophy & Political Sciences*
B.S.F.S., Georgetown University, M.A., Brooklyn College, M. Phil., Ph.D, CUNY Graduate Center

Megan Brandow-Faller, *Professor, History, Philosophy and Political Sciences*
B.A., College of William and Mary, M.A., Ph.D., Georgetown University

Natalia Bredikhina, *Higher Education Officer, Academic ESL Program Director, ESL Programs, Continuing Education*
A.A.S., Kingsborough Community College, B.A., M.A., Sverdlovsk Institute of National Economics, M.A., Brooklyn College

Lesley Broder, *Professor, English*
B.A., Long Island University, Post, M.A., M.Ed., Teachers College, Columbia University, Ph.D., Stony Brook University, SUNY

Dmitry Brogun, *Assistant Professor, Biological Sciences*
A.A.S., Kingsborough Community College, B.A., M.A., Brooklyn College, M.Phil., Ph.D., CUNY Graduate Center

Krystine Broomes, *Assistant to Higher Education Officer, Administrative Coordinator, ASAP*
A.A., Kingsborough Community College, B.A., Brooklyn College

Evrick Brown, *Assistant Professor, Behavioral Sciences*
B.A., M.A., Brooklyn College, Ph.D., University at Albany, SUNY

Nadine Browne, *Higher Education Officer, Academic Student Support Program Director*
B.A., Hofstra University, M.P.A., Keller Graduate School of Management, Devry University

Tanzania Browne, *Higher Education Assistant, Flex Academic Success Coach, Senior Academic Advisor*
B.A., John Jay College of Criminal Justice, M.A., City Collge

Domenick Brucculeri, *Higher Education Associate, Collaborative Programs*
B.S., M.P.A., John Jay College of Criminal Justice

Gregory T. Bruno, *Associate Professor, English*
B.A., St. Joseph's College, M.A., SUNY New Paltz, Ph.D., Columbia University Teachers College

Kimberly Burke, *Higher Education Assistant, Administrative Specialist, Buildings and Grounds*
A.A., Kingsborough Community College, B.A., CUNY School of Professional Studies

Samantha Burke, *Higher Education Assistant, Student Life Child Center Specialist Teacher*
B.S., Molloy College

Kathleen Byrne *Assistant Professor, Nursing*
B.S., College of Mount Saint Vincent, M.S.N., Hunter College

Annery Caceres, *Higher Education Assistant, Admissions Specialist, Enrollment Management*
B.S., York College, M.S., Brooklyn College

Tian Cai, *Lecturer, Mathematics & Computer Science*
B.A., Pace University, M.S., New York University

Scott Cally, *Professor and Chairperson, Communications & Performing Arts*
B.A., Lafayette College, M.F.A., University of Florida

Eulalee Cambridge, *Senior College Laboratory Technician, Biological Sciences*
A.A.S, Bronx Community College, B.S., New York University

Madalena Carrozzo, *Higher Education Associate, Enrollment Registrar Manager, Registrar*
B.A., Brooklyn College

Seanna Carter, *Higher Education Associate, Enrollment Registrar Specialist, Registrar*
B.A., CUNY Baccalaureate Program

Shannon Caravello, *Assistant Professor, Health, Physical Education and Recreation*
A.S., A.A.S., Kingsborough Community College, B.S., SUNY - Fashion Institute of Technology, M.S.Ed., Brooklyn College, Dr.PH., SUNY Downstate

Cesar Castope, *Lecturer Doctoral Schedule, Business*
B.A., B.S., M.A., Hunter College, M.S., M.B.A., Pace University

Jonathan Cavalieri, *Higher Education Associate, Institutional Research Manager*
B.A., Queens College, M.A., Hofstra University

Lenel J. Caze, *Assistant Professor, Allied Health, Mental Health and Human Services*
B.A., Universite d'Etat d'Haiti, B.S., SUNY Empire State College

Krista Cerderstrom, *Higher Education Assistant, Academic Senior Advisor, Freshman Services*
B.A., Muhlenberg College, M.A. Brooklyn College

Kar Chan, *Higher Education Assistant, Finance Budget Specialist*
B.A., CUNY School of Professional Studies

Ryan Chaney, *Associate Professor, Behavioral Sciences*
B.A., Swarthmore College, Ph.D., Columbia University

Christopher Chapman, *Associate Professor, Behavioral Sciences*
A.A., Union County College, B.S., New Jersey City University, M.S., Boston University, Ph.D., North Central University

Kathryn Chapman, *Lecturer Doctoral Schedule, Physical Sciences*
B.A., University of Pennsylvania, M.S., Ph.D., New York University

Aaron Charlop-Powers, *Vice President of Strategy and Chief of Staff*
B.A., University of North Carolina at Chapel Hill, M.A., Princeton University

Mabel Chee, *Higher Education Officer, Director of Development*
B.A., Cornell University, M.P.A., Baruch College

Claudius Christopher, *Higher Education Assistant, Financial Aid Specialist, Default Manager*
B.A., Lehman College

Wendy Chu, *Assistant Professor, Library*
B.A., Barnard College, M.B.A., Baruch College, M.L.S., Queens College

Valeriya Chulskaya, *Senior College Laboratory Technician, Communications and Performing Arts*
A.A.S., Kingsborough Community College, B.A., Brooklyn College

Robert Cincinnati, *Assistant to Higher Education Officer, ASAP Program Coordinator, Academic Affairs*
A.A.S., Kingsborough Community College, B.A., New York City College of Technology

Jessica Cinelli, *Higher Education Associate, Grants Development Manager*
B.A., University of Vermont

Regina Clarke, *Assistant to Higher Education Officer, Enrollment Registrar Coordinator, Registrar*
B.A., John Jay College of Criminal Justice

Zuleika Clarke, *Higher Education Officer, Academic Student Support*
B.A., M.A., Brooklyn College

Kimone Coley, *Higher Education Associate, Student Psychological Counselor*
A.S., SUNY Westchester Community College, B.A., Smith College, M.A., Columbia University

Daniel Collins, *Lecturer, Mathematics and Computer Science*
B.A., M.A., University of Maine

Latasha Collins, *Higher Education Associate, Student Life Child Center Manager*
B.S., SUNY Oneonta, M. Ed. Brooklyn College

Christina Paulette Colon*, Professor, Biological Sciences*
B.A., Drew University, M.A., New York University, Ph.D., Fordham University

Joseph Consolo, *Lecturer, Business*
A.A., Kingsborough Community College, B.A., New York University, M.A., New School for Social Research

Donna Contreras, *Assistant to Higher Education Officer, Enrollment Coordinator, Enrollment Management*
A.A., Kingsborough Community College, B.A., Brooklyn College

Sharon Warren Cook, *Senior Vice President for Academic Affairs and Provost, Professor, Allied Health, Mental Health and Human Services*
B.A., North Carolina Central University, M.S.W., Ph.D., University of North Carolina

Nathan Cooper, *Lecturer, Art*
A.A. San Joaquin Delta College, B.A., University of California Santa Cruz

Jessica Corbin, *Lecturer, Communications and Performing Arts*
B.M., Duquesne University, M.M., Indiana University

Jennifer Corby, *Associate Professor, History, Philosophy, and Political Science*
B.A., University of North Texas, M.A., M.Phil., Ph.D., CUNY Graduate Center

Jennifer Cordova, *Lecturer, Allied Health, Mental Health and Human Services*
A.A.S., Kingsborough Community College, B.S.N., Long Island University

David Costello, *Lecturer, Communications and Performing Arts*
B.A., McGill University

Kaleeba Coulter-Moore, *Higher Education Assistant, Early College School Liaison*
B.A., M.A., Queens College

Robert Cowan, *Professor, English*
B.A., University of Massachusetts, Amherst, M.A., Ph.D., CUNY Graduate Center

Kaitlin Crandall, *Higher Education Associate, Student Psychological Councelor*
B.A., Spelman College, M.A., Hunter College

Nareida Crandall, *Higher Education Assistant, Academic Advisor, College Discovery Program*
A.A.S., Medgar Evers College, B.A., Empire State College, M.S., Long Island University

Celeste Creegan, *Higher Education Officer, Environmental Health and Safety Director*
A.A.S., Brookdale Community College, B.A., New York University, M.P.H., CUNY School of Public Health at Hunter College

Barnabas Crosby, *Lecturer, Behavioral Sciences*
B.A., M.A., Ohio University, M.A., Brooklyn College

Maureen Dorgan Crowley, *Higher Education Assistant, Nursing,*
A.A., Queensborough Community College, A.A.S., Catholic Medical Center School of Nursing, B.A., Queens College

Jacek Czarnecki, *Assistant Professor, History, Philosophy & Political Science*
B.A., Hunter College, M.A., Brooklyn College, D.A., St. John's University

Danielle Da Costa, *Higher Education Assistant, Academic ASAP Student Advisor*
B.A., St. Francis College, Ed.M, Teachers College, Columbia University

Mark D'Alessandro, *Associate Professor, Chair, Tourism and Hospitality*
A.A., Cincinnati State Technical and Community College, B.S., Florida International University, M.A., New York University, M.Phil., Ph.D., CUNY Graduate Center

Jadzia Dalziel, *Assistant to Higher Education Officer, Administrative Coordinator, Student Life*
A.A.S., B.S., New York City College of Technology

Michael Danza, *College Laboratory Technician, Physical Sciences*
A.S., Kingsborough Community College, B.A., Queens College

Michelle Davidowitz, *Assistant Professor, Business*
B.A., Queens College, M.B.A., Baruch College

Colleen Davy, *Dean, Institutional Research, Assessment, and Effectiveness*
B.A., University of Pittsburgh, Ph.D., Carnegie Mellon University

Mary Dawson, *Professor, Associate Provost and Dean of Health Programs, Biological Sciences, Academic Affairs*
B.S., Brooklyn College, Ph.D., SUNY Health Science Center at Brooklyn

Carlos de Cuba, *Associate Professor, Communications and Performing Arts*
B.A., SUNY College at Oswego, M.A., Ph.D., Stony Brook, SUNY

Gabriela Dekki, *Assistant to Higher Education Officer, Administrative Coordinator*
B.S., College of Staten Island, M.S.W., Fordham University

Ann M. Del Principe, *Professor and Chairperson, English*
B.A., Marquette University, M.A., University of Wisconsin at Madison, Ph.D., New York University

Erika Delacruz-Cabrera, *Higher Education Officer, Academic Program Director, Collaborative Programs*
A.S., B.S., John Jay College of Criminal Justice

Jodie Delsol, *Higher Education Assistant, Academic Senior Advisor*
B.S., Hunter College, M.A., Brooklyn College

Kristin Derimanova, *Associate Professor, Art*
A.A.S., Mohawk Valley Community College, B.F.A., M.F.A., University of Saints Cyril and Methodius, Veliko, Turnovo, Bulgaria

Antonino DeSalvo, *Lecturer, Allied Health, Mental Health and Human Services*
B.S., Columbia Southern University

John Descarfino, *Professor, Art*
B.F.A., St. Thomas Aquinas College School of Visual Arts, M.F.A., Hunter College

Emral Devany, *Professor, Biological Sciences*
B.S., Middle East Technical University, M.A., CUNY Graduate Center Ph.D., CUNY Graduate Center and at Hunter College

Carolina Hernandez Diaz, *, Higher Education Assistant, Academic ASAP Student Advisor*
A.S., Kingsborough Community College, B.A., Brooklyn College

Elizabeth Dill, *Professor, English*
B.A., Wells College, M.A., Ph.D., State University of New at Buffalo, SUNY

Sarah Dillon, *Associate Professor and Chairperson, Art*
B.A., DePaul University, M.A., Syracuse University, Ph.D., CUNY Graduate Center

Renata Dimitrova, *Higher Education Assistant, Enrollment Bursar Coordinator, Bursar*
B.S., Touro College

Alfred Dolich, *Professor, Mathematics & Computer Science*
B.A., University of Pennsylvania, M.A., Columbia University, Ph.D., University of Maryland

Naxielly Dominguez, *Assistant Professor, Tourism & Hospitality*
B.A., Universidad Regional del Sureste, Mexico, M.A., Queens College

Xinlong Dong, *Assistant Professor, Mathematics and Computer Science*
B.A., Queens College, Ph.D., CUNY Graduate Center

Juliana Dorcelus, *Higher Education Associate, Transfer Manager*
B.S., SUNY Old Westbury, M.A., Stony Brook University

Beth Douglas, *Executive Legal Counsel and Labor Designee*
B.A., Syracuse University, Juris Doctor, New York Law School

Suzette Nicole Dove, *Higher Education Assistant, Assistant to Budget Director*
A.A., Kingsborough Community College, B.S., Brooklyn College

Damali Dublin, *Higher Education Officer, Student Life Director for Student Conduct*
B.B.A., M.S.Ed., Baruch College

Kevin Duffy, *Assistant Professor, Health, Physical Education and Recreation*
B.S., Brooklyn College, B.S., M.S., Long Island University, Ed.D., Grand Canyon University

Nataliia Dunina, *Lecturer, English*
M.A., NYU Seinhardt School

Mark Eaton, *Professor, Library*
B.A., McGill University, M.I.S., University of Toronto, M.A., Queen's University, Canada

Thomas Eaton, *Associate Professor, Art*
B.A., Pennsylvania State University, M.F.A., Lehman College

Joel Echenique, *Higher Education Assistant, ASAP Student Advisor*
B.A., University of Cuyo, M.A., University of Nevada, Reno

Kevicha Echols, *Assistant Professor, Director Community Health, Health, Physical Education & Recreation*
B.S., Tennessee State University, M.A., Clark Atlanta University, Ph.D., Widener University

Abraham Edelheit, *Assistant Professor, History, Philosophy & Political Sciences*
B.A., M.A., Yeshiva University, M.A., Brandeis University, Ph.D., CUNY Graduate Center

Shrandra Edmeade, *Higher Education Assistant, ASAP Student Advisor*
B.S., Brooklyn College, M.S.Ed., Hunter College

Natasha Edwards, *Dean of Student Affairs,*
B.A., M.A., University of North Carolina, M.A., New York University, Ed.D., John Hopkins University

Hanane Elabid, *Higher Education Associate, Lead Academic Advisor, Freshman Services*
A.A.S., Kingsborough Community College, B.B.A., Baruch College, M.S.Ed., Brooklyn College, Ed.D., Grand Canyon University

Hattie Elmore, *Higher Education Officer, Student Support Director, Access Resource Center, Student Affairs*
A.A.S., LaGuardia Community College, B.A., John Jay College of Criminal Justice

Arturo Humberto Enamorado III, *Lecturer, Behavioral Sciences*
A.A., Queensborough Community College, B.A., M.A., St. John's University, M.A., The New School for Social Research

Andres Escobar, *Vice President, Finance and Administration*
B.S., Baruch College, B.S., M.S., College of Staten Island

Elroy Esdaille, *Assistant Professor, English*
B.A., Brooklyn College, M.Phil., Ph.D., Teachers College, Columbia University

Ivana Espinet, *Associate Professor, Behavioral Sciences*
B.A., Universidad Nacional de Cordoba - Argentina, M.A., Columbia University Teachers College, M.Phil., Ph.D., CUNY Graduate Center

Maureen Fadem*, Professor, English*
B.A., Arcadia University, M.A., Queens College, Ph.D., CUNY Graduate Center

Janice Farley, *Professor, Art*
B.A., Marymount College, M.F.A., Pratt Institute

Denise Farrelly, *Associate Professor, Director Education Studies, Behavioral Sciences*
B.S., New York University, M.S., College of Staten Island, Ed.D., Capella University

Azure N. Faucette*, Assistant Professor, Biological Sciences*
B.A., M.S., Tuskegee University, Ph.D., Texas A&M

Elie Feder, *Professor, Mathematics & Computer Science*
B.A., M.A., Queens College, Ph.D., CUNY Graduate Center

Joseph Felser, *Associate Professor, History, Philosophy & Political Sciences*
B.A., Boston University, M.A., Ph.D., University of Chicago

Christine Fey, *Lecturer, Director of Exercise Science, Physical Education & Recreation*
B.S., M.S., California State University

Carmel Ficorelli, *Professor, Nursing*
B.S., M.S./F.N.P., SUNY Downstate Medical Center

Mary Lou Fierle, *Lecturer, Health, Physical Education and Recreation*
B.A., State University College at Potsdam, SUNY, M.A., New York University

Monica Filimon, *Associate Professor, English*
B.A., University of Craiova, Craiova, Romania, M.A., University of Bucharest, Bucharest, Romania, M.A., CUNY Graduate Center, Ph.D., Rutgers University

Jenifer Francis, *Higher Education Assistant, Academic ASAP Student Advisor*
M.A., University of West Indies

Juan Franquiz, *Lecturer, Health, Physical Education and Recreation*
B.S., Long Island University, M.A., New York University

Shoshana Friedman, *Professor, Mathematics & Computer Science*
B.A., Brooklyn College, Ph.D., CUNY Graduate Center

Jenny Frimpong, *Higher Education Assistant, Academic Program Specialist*
M.S., Mercy College

Julia Furay, *Associate Professor, Library*
B.J., University of Missouri, M.A., University College Dublin, M.L.S., Queens College

Boris Furchin, *Lecturer Doctoral Schedule, Mathematics and Computer Science*
M.S., Kiev University, M.S., Rutgers University, Ph.D., Kiev University

Esther Gabay, *Lecturer, English*
B.A., College of Staten Island

Kiana Gangadeen, *Higher Education Assistant, Student Life Child Center Specialist/Group Teacher, B.S., Delaware State University*

Roberto Garcia, *Higher Education Assistant, ASAP Student Advisor, Academic Affairs/ASAP B.S., Touro College*

Libby Garland, *Professor, History*
B.A., Yale University, M.A., Ph.D., University of Michigan

Matthew Gartner, *Associate Professor, English*
B.A., Williams College, Ph.D., CUNY Graduate Center

Woody Gaston, *Higher Education Assistant, ASAP Student Advisor*
B.S., Brooklyn College, M.S., CUNY Graduate Center

Kevin Gayle, *Higher Education Assistant, Academic Student Support Counselor, College Discovery*
B.S., Stony Brook University, SUNY, M.S.W., Long Island University

Anna Geller-Koplan, *Lecturer, Workforce Development and Strategic Community Partnerships*
B.S., Brooklyn College, M.B.A., Pace University

Joel George, *Higher Education Assistant, Financial Aid Specialist*
B.B.A., Baruch College

Patricia George, *Associate Professor, English*
B.A., Centenary University, M.E.D., The College of New Jersey, Ed.S., Ed.D., Seton Hall University

Erika Gershuni, *Lecturer, Business*
B.A., Queens College, M.B.A., New York University

Nicolas Giampetruzzi, *Higher Education Associate, Student Psychological Counselor, Student Affairs*
B.A., M.S., Long Island University

Andrea Gabbidon-Levene, *Higher Education Officer, Director of Pre-Matriculated Programs*
B.S., Emerson College, M.S., New School University

Alicia Giordano, *Chief College Laboratory Technician, Biological Sciences*
A.A., Kingsborough Community College

Sherrye Glaser, *Associate Professor, Biological Sciences*
B.S., Ph.D., Stony Brook University

Gail Glass-Malley, *Higher Education Associate, Student Psychological Counselor, Access-Ability Services*
B.A., Stony Brook University, SUNY, M.S.Ed., Brooklyn College

Michael Goldstein, *Higher Education Officer, Enrollment Management*
B.A., Bennington College, J.D., CUNY School of Law

Michelle Goldstein, *Lecturer, Mathematics and Computer Science*
B.S., University of Pennsylvania - Wharton School of Business

Karlene Gooding, *Lecturer, English,*
A.A., Borough of Manhattan Community College, B.A., Brooklyn College

Rosemarie Goodridge, *Higher Education Associate, Payroll Manager, Human Resources*
M.A., Brooklyn College

Aleksander Gorbenko, *Senior College Laboratory Technician,*
B.S., M.S., John Jay College of Criminal Justice

Katherine Gordon, *Lecturer, Behavioral Sciences*
B.A., University of Arizona, M.S., Brooklyn College

Elba Grau, *Higher Education Associate, Enrollment Registrar Manager, Register*
A.A., Kingsborough Community College, B.A., College of Staten Island

Tamera Gray, *Higher Education Assistant, Academic Program Specialist, Collaborative Programs*
B.A., San Francisco State University

Martha Greasley, *Higher Education Officer, Academic ASAP Program Director*
B.A., M.A., Brooklyn College

Jacqueline Green, *Assistant to Higher Education Officer, Academic Testing Coordinator, Testing Office*
A.A., Kingsborough Community College, B.A., CUNY School of Professional Studies

Alexis Greene*, Higher Education Assistant, Continuing Education Specialist, Continuing Education*
A.A., Kingsborough Community College, B.S., York College, M.P.A., The City College of New York

Nataniel Greene, *Professor, Mathematics & Computer Science*
B.A., Yeshiva University, M.S., Courant Institute, Ph.D., Stony Brook University, SUNY

Daniel Grimaldi, *Assistant Professor, Mathematics & Computer Science*
B.A., Fordham University, M.S., New York University

Bruno Gulli, *Professor, History, Philosophy & Political Science*
B.A., Venice University, M.A., San Francisco State University, Ph.D., CUNY Graduate Center

Amy Haas, *Professor, Business*
B.S., Binghamton University, SUNY, M.B.A., Hofstra University, C.P.A., State of New York

Brian Hack, *Chief College Laboratory Technician, Art*
B.A., Juniata College, M.Phil., Ph.D., CUNY Graduate Center

Maureen Haggerty, *Lecturer, English A.A.S.,*
B.S., M.A., College of Staten Island

Trevaughn Hall, *Higher Education Assistant, ASAP Student Advisor, ASAP*
A.A.., Kingsborough Community College,, B.S., Brooklyn College

Caroline Hallmark, *Lecturer, Allied Health, Mental Health and Human Services*
A.S., Kingsborough Community College, B.A., SUNY Empire State College, M.S.W., New York University

Jacqueline Handman, *Assistant to Higher Education Officer, Enrollment Registrar Coordinator*
B.A., Hunter College

Tiffany Harding, *Assistant to Higher Education Officer, Administrative Registration Coordinator, Continuing Education*
B.B.A., Brooklyn College

Rogein Harripersad, *Higher Education Assistant, Human Resources Specialist*
B.A., Queens College

Lindsay Hayes, *Lecturer, Allied Health, Mental Health and Human Services*
B.S., Brooklyn College

Grant Harvey, *Higher Education Associate, Academic ESL Program Manager*
B.A., Finders University of South Australia, M.P.S., New York University, M.A., Kane University

Delia Hernandez, *Assistant Professor, Behavioral Sciences*
B.A., St. Francis College, M.S., Bank Street College of Education, M.Phil. CUNY Graduate Center, Ph.D., CUNY Graduate Center

Maria Hernández, *Associate Professor, Communications and Performing Arts*
B.A., University of Alicante, M.A., University of Rhode Island, Ph.D., Boston University

Patrick Hickey, Jr., , *Assistant Professor, Communications and Performning Arts*
A.S., Kingsborough Community College, B.A., Brooklyn College, M.A., CUNY Graduate School of Journalism

Rommel Hidalgo, *Higher Education Associate, Communications Publications Editorial Manager*
A.A.S., Kingsborough Community College, B.A., Brooklyn College

Craig Hinkley, *Assistant Professor, Biological Sciences*
B.A., William Penn College, M.S., North Texas State University, Ph.D., University of Texas Health Science Center at Houston

Orit Hirsh, *Higher Education Associate, Communications, Electronic Media Manager*
A.S., Kingsborough Community College, B.S., M.S., Brooklyn College, Ph.D., Walden University

Ivan Shun Ho, *Associate Professor, Biological Sciences*
B.S., Long Island University, Ph.D., Stony Brook University, SUNY

Nicole Hope, *Assistant to Higher Education Officer, Registrar Coordinator, Enrollment Management*
A.A.S., B.B.A., Monroe College

Kieren Torres Howard, *Professor, Physical Sciences*
B.S., University of Tasmania, Ph.D., University of Tasmania

Vonetta Hoyte, *Higher Education Assistant, Senior Financial Aid Advisor, Financial Aid*
B.A., University at Albany, SUNY

Vivian Hui, *Higher Education Assistant, Senior Academic Advisor*
B.A., John Jay College

Donald Hume, *Professor and Chairperson, Co-Director, Physical Education, Recreation and Recreation Therapy, Health, Physical Education & Recreation*
B.A., M.A., New York University, Ed.D., Teachers College, Columbia University

Asif Hussain, *Assistant Vice President for, Information Technology*
B.S., NED University of Engineering & Technology, Pakistan, M.S., The City College of New York

Anthony Iantosca, *Assistant Professor, English*
B.F.A., Johnson State College, M.F.A., Long Island University

Rachel Ihara, *Professor, English*
B.A., Humboldt State University, M.A., Queens College, M.Phil., Ph.D., CUNY Graduate Center

Christopher Ingrassia, *Associate Professor, Mathematics and Computer Sciences*
B.S., University of Central Florida, M.S., New York University, Ph.D., Columbia University

Gavin Ireland, *Higher Education Officer, Student Life International Student Director*
A.A.S., Kingsborough Community College, B.B.A., Monroe College, M.B.A, Baruch College

Diana Irizarry, *CUNY Start Instructor*
B.A., College of Staten Island

Z.M.G. Sarwar Jahangir, *Assistant Professor, Biological Sciences*
B.S., Bangladesh Agricultural University, M.S., University of Cochin, India, Ph.D., CUNY Graduate Center

Steven Jaret, *Assistant Professor, Physical Sciences*
B.S., University of Tennessee, M.A., Harvard University, Ph.D., Stony Brook University

Caroline Jedlicka, *Assistant Professor, Library*
B.A.,M.S.W., University of Georgia - Athens, M.L.S., Queens College

Melisa Jn. Pierre, *Lecturer, Communications and Performing Arts*
A.S., Kingsborough Community College, B.A., York College, M.A., CUNY Graduate Center

Keisha Johnson, *Higher Education Associate, Administrative Manager*
B.A., State University College at Old Westbury, SUNY, M.S., Iona College

Tanya Johnson, *Lecturer, Tourism & Hospitality*
B.S., University of Phoenix, M.S., Argosy University

Tyronne Johnson, *Assistant Professor and Chairperson, Allied Health, Mental Health and Human Services*
B.A., Ashford University, M.B.A., Baruch College

Olushola Jones, *Higher Education Assistant, Academic Student Support Program Specialist*
B.A., Brooklyn College

David Jordan*, Lecturer, Nursing*
A.A., B.A., College of Staten Island

Marisa Joseph, *Higher Education Officer, Student Career Program Director*
B.A., M.A., Brooklyn College

Monica Joseph, *Associate Professor, Program Director Chemical Dependency Counseling, Allied Health, Mental Health and Human Services*
B.S., York College, M.S., M.Phil., Ph.D., Columbia University

Phillip Joseph, *College Laboratory Technician, Biological Sciences*
B.S., Concordia University

Rebecca Joseph, *Higher Education Associate, Labor Relations and Legal Manager*
B.A., Cornell University, J.D., Brooklyn Law School

Yogesh Joshi, *Assistant Professor, Mathematics and Computer Science*
B.S., University of Delhi, India, M.S., Indian Institute of Technology, Delhi, India, M.S., Ph.D., New Jersey Institute of Technology

Hung Bok Jung, *Assistant Professor, Physical Sciences*
B.S., M.S., Korea University, Ph.D., CUNY Graduate Center

Ashwini Kadave, *Lecturer, Communications & Performing Arts*
B.A., Mumbai University, M.A., New York University

Gabrielle Kahn, *Professor, English*
B.A., Wesleyan University, M.A., Ed.M., Ed.D., Teachers College, Columbia University

Amanda Kalin, *Higher Education Officer, Academic Affairs Director, Director of Curriculum Development and Program Planning*
B.A., M.A., John Jay College of Criminal Justice

Magda Kamel, *Higher Education Assistant, Financial Aid Counselor & College Work Study Coordinator*
B.A., Alexandria University, Egypt

Daniel Kane, *Assistant Professor, Tourism and Hospitality*
B.A., MA., College of Staten Island, Ed.D., United States Sports Academy

George Kapetanakis, *Lecturer, Director, Mental Health & Human Services Program, Allied Health, Mental Health and Human Services*
B.S., Brooklyn College, M.S.W., New York University

Amy Karp, *Associate Professor, English*
B.A., Binghamton University, SUNY, M.F.A., Brooklyn College, M.A., Ph.D., University of Maryland, College Park

Kamini Karran, *College Laboratory Technician, Library*
A.A.S., Kingsborough Community College

Laura Kates, *Professor, Assistant Director, Education Program, Behavioral Sciences*
B.A., New York University, M.S., Bank Street College of Education, Ed.D, Teachers College, Columbia University

Brian Katz, *Assistant Professor, English*
B.A., Bennington College, M.F.A., Columbia University

Arkady Kaufman, *Assistant to Higher Education Officer, Enrollment Bursar Coordinator*
B.S., Brooklyn College

Charles Kee, *Professor, Business*
A.A.S., Kingsborough Community College, B.B.A., Baruch College, M.B.A., St. John's University, C.P.A., State of New York and New Jersey

Alyse Keller-Johnson, *Associate Professor, Communications and Performing Arts*
B.A., Villanova University, M.A., California State University Long Beach, Ph.D., University of South Florida

John Keller, *Assistant Professor, English*
B.J., University of Missouri-Columbia, M.F.A., Brooklyn College

Devika Kempadoo, *Assistant to Higher Education Officer*, HR Payroll Coordinator
B.S., Mercy College, M.A., Keller School of Management

Neil Kernis, *Assistant Professor, English*
B.S., Skidmore College, M.A., The New School, Ed.D., Teachers College, Columbia University

Cia Kessler, *Higher Education Associate, Faculty Development Manager, Instructional Design*
B.A., Brooklyn College, M.Phil. CUNY Graduate Center

Renata Kheyson, *Lecturer, Business*
A.A.S., Kingsborough Community College, B.A., Hunter College

Beth King, *Assistant Professor, Behavioral Sciences*
B.A., University of Colorado, M.A., Ph.D., University of Massachusetts

Lisa Klugewicz, *Higher Education Assistant, Admissions Senior Advisor/Recruiter*
B.S.N., Wagner College

Chico Knight, *Lecturer Doctoral Schedule, Behavioral Sciences*
B.S., Jackson State University, Ed.M., Columbia Teachers College, Ed.D., Columbia University

Olesya Knyazev, *Assistant to Higher Education Officer, Finance Coordinator*
B.A., Brooklyn College

Enrika Kohavi, *Higher Education Officer, Bursar Director, Bursar*
B.S., Touro College

Kevin Kolkmeyer, *Lecturer, English*
B.A., SUNY Binghamton, M.A., California State University, Long Beach

Maxine Krenzel, *Assistant Professor, English*
B.A., Kenyon College, M.A., Columbia University

Ayalur Krishnan, *Associate Professor, Mathematics & Computer Science*
B.S., St. Xavier's College, Calcutta, India, Ph.D., Wesleyan University

Daniel La Noue, *Higher Education Officer, Development Officer, Institutional Advancement*
B.A., Kenyon College, M.S., New York University

Susan Lachman, *Lecturer, Behavioral Sciences*
B.A., M.A., Brooklyn College, Ph.D., New York University

Paule LaFortune, *Assistant to Higher Education Officer, Administrative Coordinator, English Department*
B.F.A., Brooklyn College

Mohamed Lakrim, *Professor, Biological Sciences*
B.A., Institute of Agricultural Technology in Algeria, M.S. Ed., Universite Libre do Bruxelles, M.A., Ph.D., The Catholic University of Louvain, Belgium

Laura Landau, *Assistant Professor, History, Philosophy and Political Science*
B.A., Jewish Theological Seminary, B.A., Barnard College, M.S., Pratt Institute, Ph.D., Rutgers University

Ruben Landaverde, *Higher Education Assistant, Financial Aid Specialist*
A.A.S., Kingsborough Community College, B.B.A., Baruch College

Marjorie LaRoche, *Assistant to Higher Education Officer, Administrative Coordinator, Academic Affairs*
B.A., John Jay College of Criminal Justice

Thomas Lavazzi, *Professor, English*
B.A., Washington University, M.A., University of Missouri, M.F.A., University of Iowa, Ph.D., CUNY Graduate Center

David Lawson, *Senior College Laboratory Technician, Health, Physical Education & Recreation*
A.A.S., Kingsborough Community College

Jeffrey Lax, *Professor and Chairperson, Business*
B.S., Brooklyn College, J.D., Benjamin Cardozo School of Law, M.B.A., Zicklin School of Business, Baruch College

Frantz A. Leconte, *Professor, Communications and Performing Arts*
B.A., M.A., Brooklyn College, Ph.D., M.Ph., CUNY Graduate Center

Jason Leggett, *Associate Professor, Behavioral Sciences*
A.A., Highline Community College, B.A., University of Washington, J.D., Seattle University School of Law

Richard Legum, *Assistant Professor, History, Philosophy & Political Science*
B.A., Franklin and Marshall College, Ph.D., University of Rochester

Jose Lenis, *Chief College Laboratory Technician, Physical Sciences*
B.A., Santiago De Cali University

Randolph Leslie, *Senior College Lab Technician, Tourism and Hospitality*
B.A., New York City College of Technology

Lauren Levesque, *Higher Education Officer, Institutional Research Director, Institutional Research*
B.S., Central Connecticut State University, M.P.A., Baruch College

Alissa Levine, *Higher Education Officer, Community Outreach Programs Director, Center for Economic and Workforce Development*
B.A., Stony Brook University, SUNY, M.S.W., New York University

Susan Levinshtein, *Higher Education Assistant, Administrative Specialist, Nursing*
A.A.S., Kingsborough Community College, B.A., Excelsior College

Dawn Levy, *Associate Professor, Business*
B.A., Brooklyn College, J.D., Brooklyn Law School

Erica Levy, *Higher Education Officer, Admissions Director*
B.A., M.S., Baruch College

Sun Cheung Feon Li, *Higher Education Assistant, Enrollment Bursar Specialist, Bursar*
B.A., Pace University

Eileen Lichtenthal, *Lecturer, Mathematics & Computer Science*
B.A., Queens College, M.S., Rutgers University

Zhao Lin, *Lecturer, Mathematics and Computer Science*
A.A., Borough of Manhattan Community College, B.S., Polytechnic University, M.S., Hunter College

Philip Listowsky, *Assistant Professor, Mathematics & Computer Science*
B.A., Yeshiva University, M.S., Polytechnic Institute of New York University, Ph.D., CUNY Graduate Center

Martin Litwack, *Lecturer, Mathematics & Computer Science*
B.A., Binghamton University, SUNY

Patrick M. Lloyd, *Assistant Professor, Physical Sciences*
B.S., Ph.D., University of California

John Lopez, *Lecturer, Biological Sciences*
A.S., Kingsborough Community College, B.A., Columbia University, M.D., Fatima College of Medicine, Philippines

Gardy Louis, *Higher Education Assistant, Academic Testing Specialist*
B.A., Northwestern University

Cindy Lui, *Higher Education Officer, Director of Student Affairs*
B.S., SUNY Oneonta, M.A., New York University

Sandra Lujan, *Higher Education Associate, Enrollment Registrar Manager, Registrar*
A.A., Kingsborough Community College, B.S., York College

Colleen Lutolf, *Higher Education Associate, Communications Publications Editorial Manager*
B.A., Montclair State University

Nicolas Luxama, *Higher Education Assistant, Academic ASAP Student Advisor*
B.A., John Jay College of Criminal Justice

Catherine Ma, *Professor, Behavioral Sciences,*
B.A., Albany University at SUNY, M.A., Hunter College, M.Phil., Ph.D., CUNY Graduate Center

Jonathan Macagba, *Assistant Professor, Art*
B.A., CUNY School of Professional Studies, M.F.A., Art Institute of Boston Lesley University

Malka Machlus, *Lecturer Doctoral Schedule, Physical Sciences*
B.Sc., M.Sc., Hebrew University - Jerusalem, Ph.D., Columbia University

Althea Maduramente, *Higher Education Officer, Director of Health Services*
B.S. Cornell University, M.A., Brooklyn College, Ph.D., SUNY University at Buffalo

Kaitlin Maggiore, *Lecturer, Communications and Performing Arts*
B.A., Iona College

Krishna Mahavadi, *Assistant Professor, Mathematics and Computer Science*
B.Sc. Indian Institute of Technology, M.Sc. University of Cambridge

Stephen Majewicz, *Professor, Mathematics & Computer Science*
B.S., M.A., Stony Brook University, SUNY, Ph.D., CUNY Graduate Center

Stefan Malliett, *Assistant to Higher Education Officer, Enrollment Registrar Coordinator*

Jay Mancini, *Professor, Physical Sciences*
B.S., Stevens Tech., M.S., Ph.D., Virginia Polytechnic Institute and State University

David Mandelbaum, *Lecturer, Business*
B.S., Touro College

Alicia Marcelin, *Assistant Professor, Nursing*
B.S.N., Drexel University, M.S.N., Wagner College

Christine Marchese, *Assistant to Higher Education Officer, Administrative Coordinator*
B.A., St. Joseph's College

Shoshana Marcus, *Associate Professor, Mathematics & Computer Science*
B.S., Touro College, M.A., Queens College, Ph.D., CUNY Graduate Center

Roberto Mariani, *Assistant Professor, Biological Sciences*
Ph.D., University of Rome "La Sapienza"

Kristine Mariano, *Lecturer, English*
B.A., Hunter College, M.A., Teachers College, Columbia University

Samantha Marino-Bookert, *Higher Education Assistant, Academic Student Support Specialist, CUNY Start/Continuing Education*
B.A., Hunter College, M.S.Ed., Brooklyn College

Rebecca Marrero, *Higher Education Assistant, Academic Senior Advisor*
B.S., Hofstra University, M.S., Hunter College

Luz Martin del Campo, *Assistant Professor, Behavioral Sciences*
B.A., M.A., City College, Ph.D., University of Florida-Gainesville

Julio Martinez, *Higher Education Associate, Administrative Manager*
B.B.A., Baruch College, M.A., Iona College

Anthony Marzuillo*, Lecturer, Director Culinary Arts, Tourism and Hospitality*
A.O.S., B.P.S., M.S., New York Institute of Technology

Bobin Mathew, Jr.*., Higher Education Officer, Finance Controller*
A.A.S., Kingsborough Community College, B.S., College of Staten Island

Martin Matthew, *Assistant Professor, History, Philosophy & Political Sciences*
A.S., Nassau Community College, B.A., M.A., Queens College

Joanna Maulbeck *Assistant Professor, Behavioral Sciences*
B.A., The College of New Jersey, M.A., Ph.D. Rutgers University

Diane McDevitt, *Professor, Nursing*
B.S.N., Dominican College, M.S., College of Staten Island

Marjorie McDonough, *Professor, Nursing*
B.S., Downstate Medical Center, SUNY, M.A., New York University, Ed.D., Teachers College, Columbia University

Marie McGovern, *Lecturer Doctoral Schedule, Biological Sciences*
B.S., M.S., Adelphi University, M.Phil., Ph.D., CUNY Graduate Center

Sandra McKay, *Assistant to Higher Education Officer, Financial Aid Advisor*
B.A., Saint Mary's College of California, M.A., Manhattan College

Linda McKernan, *Higher Education Associate, Administrative Events Manager*
B.S., SUNY Maritime, M.A., Teachers College, Columbia University

Ryan McKinney, *Professor, Communications & Performing Arts*
B.A., Fairfield University, M.F.A., San Diego State University

Jennifer McLinden, *Higher Education Associate, Human Resources Manager*
A.A.S., Kingsborough Community College, B.S., CUNY School of Professional Studies

Michael McMorris, *Lecturer Doctoral Schedule, History, Behavioral Sciences*
B. A., M.A., Saginaw State University, Ph.D., Capella University

Detrice McPhatter, *Higher Education Associate, Human Resources, Benefits Manager*
B.B.A., Metropolitan College of New York, M.S., CUNY Graduate Center, School of Professional Studies

Gene McQuillan, *Professor, English*
B.A., Queens College, Ph.D., CUNY Graduate Center

Christina McVey, *Assistant Professor, Academic Coordinator of Clinical Education, Physical Therapist Assistant Program , Allied Health, Mental Health and Human Services*
B.S., Quinnipiac College, M. A., Hofstra University

Michael Medina, *Higher Education Assistant, Finance Procurement Specialist*
B.A., M.A., Queens College

Maria Mejias, *Higher Education Associate, Administrative Executive Assistant, Continuing Education Program*
A.A.S., Kingsborough Community College, B.A., Brooklyn College

Igor Melamed, *Lecturer, Mathematics & Computer Science*
A.S., Kingsborough Community College, B.S., Kiev Electrical Engineering Institute of Communication, Kiev, M.S., Touro College

Cynthia Mendola, *Higher Education Assistant, Human Resources Specialist*
B.A., Brooklyn College

Melissa Merced, *Higher Education Officer, Director of Student Life*
B.A., The City College of New York, M.S. Ed., Baruch College

Jacob Louis Mey, IV, *Associate Professor, Physical Sciences*
B.S., University of Aarhus, Denmark, M.S., University of Aarhus, Ph.D., CUNY Graduate Center

JoAnne Meyers, *Higher Education Associate, Enrollment Management*
B.S., Brooklyn College

Anne Migliaccio, *Higher Education Assistant, Academic Student Support Program Specialist*
B.S., St. John's University

John Mikalopas, *Associate Professor and Chairperson, Physical Sciences*
B.S., Brooklyn College, M.S., Ph.D., University of California, Davis

Thomas Mintz, *Associate Professor, Art*
B.A., Sarah Lawrence College, M.F.A., Queens College

Jennifer Mitchell, *Lecturer, Behavioral Sciences*
B.A., Millsaps College, M.S., Delta State University

Robert Monaco, *Senior College Laboratory Technician, Communications & Performing Arts*
A.S., Suffolk County Community College, B.F.A., Rutgers University, M.F.A., New York University

Beata Monsanto, *Lecturer, Director Surgical Technology, Allied Health, Mental Health and Human Services*
A.A.S., Kingsborough Community College, B.S., Long Island University - Brooklyn

Wanda Morales, *Higher Education Officer, Development Grants Director*
A.A., Kingsborough Community College, B.S., York College

Alvaro Javier Morgades, *Higher Education Associate, Admissions Manager, Admission Information Center*
B.S., Marymount Manhattan College

Marilyn Moskowitz, *Higher Education Associate, Finance Manager*
A.A.S., Kingsborough Community College, B.A., Queens College

Avery Mullen, *Higher Education Officer, Enrollment Registrar Director, Registrar*
B.S., Farmingdale State College, SUNY, M.B.A., Phoenix University

Eth Alexander Mulligan, *Assistant Professor, Biological Sciences B.S.,*
Rochester Institute of Technology, Ph.D., Stony Brook University, SUNY

Alfredo Munoz Alarcon, *Lecturer, Communicaitons and Performing Arts*
B.A., National University of Nicaragua, M.A., The City College of New York

Rudolf Muradov, *Assistant to Higher Education Officer, Admissions Advisor/Recruiter*
A.A., Kingsborough Community College, B.A., John Jay College of Criminal Justice

Erin Murphy-Smith, *Professor, Nursing*
A.A.S., B.A., B.S., The College of Staten Island, M.S.N., Hunter College

Ari Nagel, *Lecturer, Mathematics & Computer Science*
B.S., M.B.A., St. John's University

Jose Nanin, *Professor, Health, Co-Director, Community Health Programs, Physical Education & Recreation*
B.A., M.A., New York University, M.S., Ed.D., Teachers College, Columbia University

John Nappo, *Lecturer, Tourism & Hospitality*
B.A., Saint Francis College, M.A., Saint John's University

Katherine Nareski, *Lecturer, Business*
B.F.A., Parsons School of Design

Helen-Margaret Nasser, *Higher Education Officer, Director of Student Union and Intercultural Center*
B.A., McGill University, M.A., CUNY Graduate Center

Mary Lynn Navarro, *Associate Professor, English*
B.A., M.A., Ph.D., New York University

Dung Kim Nguyen, *Lecturer, Mathematics and Computer Science*
B.S., M.S., Polytechnic Institute of New York University

George Nicolaidis, *Assistant to Higher Education Officer, Admissions Coordinator, Enrollment Management*
A.S., Kingsborough Community College, B.S., York College

Karen Niles, *Lecturer, English*
B.A., The College of Staten Island, M.A., New York University

Devon Nixon, *Higher Education Associate, Administrative Manager ASAP, Academic Affairs*
A.S., Kingsborough Community College, B.S., M.A., Brooklyn College

Jennifer Noe, *Associate Professor, Library*
B.A., State University College at New Paltz, SUNY, M.S., Columbia University School of Journalism, M.L.S., Queens College

Maria Norako, *College Laboratory Technician, Biological Sciences*
A.S., Kingsborough Community College, B.S., San Marcos University

Kwame Nyanin, *Lecturer, Mathematics & Computer Science*
B.S., Cornell University, M.A., New York University

Steven O'Brady, *Assistant Professor, Director EMS Program, Allied Health, Mental Health and Human Services*
B.S., M.S., DeVry University

Christine O'Leary, *Assistant to Higher Education Officer, Admissions Coordinator*
A.S., Kingsborough Community College, B.A., St. John's University

Maximillian Oliver, *Higher Education Associate, Admissions Manager, Enrollment/Admission Services*
B.A., University at Albany, SUNY

Jennifer Oliveri, *Lecturer, English*
A. A., Kingsborough Community College, B.A., Hunter College, M.A., CUNY Graduate Center

Cynthia Olvina, *Higher Education Associate, Administrative Manager, Academic Affairs*
A.A.S. Kingsborough Community College, B.A., Brooklyn College, M.S., CUNY School of Professional Studies

Megan O'Neill, *Lecturer Doctoral Schedule, English*
B.A., M.A.,Ph.D., Virginia Tech

Joachim Oppenheim, *Lecturer, Communications and Performing Arts*
B.A., Cornell University, M.A., New York University

Janette O'Sullivan, *Associate Professor, Nursing*
A.A.S., Queensborough Community College, B.S.N., Hunter College, M.S., Columbia University

Marina Ouedraogo, Higher Education Assistant, Senior Academic Advisor, Business
B.S., John Jay College of Criminal Justice

James Pacello, *Lecturer Doctoral Schedule, English*
B.A., College of Staten Island, M.A., Hunter College, Ed.D., Rutgers University

Lisa Paler, *Assistant Professor, Behavioral Sciences*
B.A., Vassar College, M.A., Ph.D., University of Maryland

Michael Palladino, *Lecturer, Business*
B.A.,SUNY Stonybrook, M.A., University of Florence - Italy

Elizabeth Paniagua, *Higher Education Associate, Financial Aid Manager*
B.A., Hunter College, M.P.A., John Jay College

Matthew Papier, *Higher Education Officer, Director of Testing*
B.A., University at Albany, SUNY

Hope A. Parisi, *Professor, English*
B.A., Fordham University, M.A., Columbia University, Ph.D., CUNY Graduate Center

Jisun Park, *Professor, Physical Sciences*
B.S., Ewha Women University, Seoul, Republic of Korea, M.S., Ph.D., Graduate School of Science, University of Tokyo, Japan

Sharon Parker, *Lecturer, Business*
A.A.S., B.F.A., Fashion Institute of Technology

Stuart Parker, *Assistant Professor, Behavioral Sciences*
B.A., New York University, M.A. Boston University, M.A., Tufts University, Ed.D, Fielding Graduate Institute

Navneet Parmar, *Lecturer, Biological Sciences*
B.S., M.S., Guru Nanak Dev University

Hallory Paul, *Assistant to Higher Education Officer, Communications Publications Design Coordinator, Enrollment Management*
B.A., St. John's University

Vanessa Paulino, *Substitute Higher Education Officer, Financial Aid Director*
B.A., John Jay College of Criminal Justice

Frank Percaccio, *Associate Professor, English*
B.A., Brooklyn College, Ph.D., Union Institute and University

Katia Perea, *Associate Professor, Behavioral Sciences*
B.A., Loyola University Louisiana, M.A., Ph.D., New School for Social Research

Amanda Perez, *Lecturer, Communications and Performing Arts*
B.A., Brooklyn College

Audrey Phillips, *Higher Education Assistant, Administrative Specialist, English*
B.A., CUNY Baccalaureate for Unique and Interdisciplinary Studies

Caterina Pierre, *Professor, Art*
B.A., Brooklyn College, M.A., Hunter College, Ph.D., CUNY Graduate Center

Nympha Pierre, *Assistant to Higher Education Officer, Academic ASAP Employment Specialist*
B.S., Medgar Evers College, M.A., Brooklyn College

Kristin P. Polizzotto, *Professor and Chairperson, Biological Sciences*
B.S., Brigham Young University, Ph.D., Cornell University

Gloria Pollack, *Professor, Communications and Performing Arts*
B.R.E., B.A., Stern College, M.A., New York University, M. Phil., Ph.D., Columbia University

Kamili Posey, *Associate Professor, History, Philosophy and Political Science*
B.A., New York University, M.Phil., Ph.D., CUNY Graduate Center

Bryan Powers, *Assistant Professor, Communications and Performing Arts*
B.A., Hunter College, M.F.A. City College

Anupam Pradhan, *Assistant Professor Biological Sciences, B.Sc., M.Sc., Cotton College Gauhati University, Assam India, Ph.D., Indian Institute of Toxicology Research Maharaj University, Kanpur, U.P, India*

Reina Prestia, *Higher Education Assistant, Academic Advisor to College Discovery Program*
A.A., Kingsborough Community College, B.A., College of Staten Island, M.S.W., Hunter College

Sharon Prince, *Lecturer, Behavioral Sciences*
B.A., Lehman College, M.S., The City College of New York

Careen Purcell, *Assistant Professor, Nursing*
B.S., M.S., D.N.P, Chamberlain University

Ishrat Rahman, *Assistant to Higher Education Officer, Administrative Coordinator, Enrollment Management*
A.S., Kingsborough Community College, B.A., Brooklyn College, M.P.A, Long Island University

Veenadai Vanessa Ramjas *Higher Education Assistant, Academic ASAP Student Advisor*
B.S., York College, M.S., New York University, Polytechnic School of Engineering

Robert Ramsey, *Lecturer, Tourism and Hospitality*
A.A.S., J. Sargent Reynolds Community College, B.I.S., Virginia Commonwealth University

Rubina Rattani, *Assistant to Higher Education Officer, Admissions Advisor/Recruiter*
A.A., LaGuardia Community College, B.A., Queens College

Varattur Reddy, *Professor, Physical Sciences*
B.S., M.S., S.V. University, Ph.D., Indian Institute of Technology, Bombay

Kimone Reeves, *Higher Education Assistant, Academic Program Specialist*
B.A., York College

Ricardo Repetti, *Professor, History, Philosophy & Political Sciences*
B.A., Brooklyn College, M.Phil., CUNY Graduate Center

Paul Ricciardi, *Professor, Communications & Performing Arts*
B.A., Bridgewater State University, M.F.A., Rhode Island College

Arielle Richards, *Higher Education Assistant, ASAP Student Advisor*
B.S., Empire State College, SUNY, M.A., CUNY Graduate Center

Susan Richards, *Higher Education Assistant, ASAP Student Advisor*
B.S., Medgar Evers College

Casey Richardson, *Assistant Professor, English*
B.A., University of Oklahoma, M.A., Ph.D., University of Arizona

Paul Risi, *Chief College Laboratory Technician, Tourism & Hospitality*

Paula Risolo, *Higher Education Assistant, Senior Academic Advisor, Opening Doors, Student Affairs*
B.S., M.S., St. John's University, Ed.D, Creighton University

Mohammed Faisal Riyad, *Higher Education Associate, Academic Resource Center Manager*
B.S., Medgar Evers College

Edwisimone Rodriguez, *Vice President for Workforce Development and Strategic Community Partnerships*
B.A., SUNY Binghamton, M.A., Ph.D., Walden University

Michael Rodriguez, *Higher Education Officer, Academic Program Director, Men's Resource Center*
B.A., College of New Rochelle, M.A., Long Island University

Oneika Rodriguez, *Higher Education Assistant, Financial Aid Senior Advisor*
A.S., Kingsborough Community College, B.S., York College

Gila Rohr, *Interim Executive Director of Human Resources*
A.A.S., Kingsborough Community College, B.A., College of Staten Island

Trina Roldan, *Assistant to Higher Education Officer, Academic Advisor*
A.A.S., Kingsborough Community College, B.A., Hunter College

Yan Fuan Ly Zhen Rong, *Assistant to Higher Education Officer, Enrollment Registrar Coordinator*
A.S., Borough of Manhattan Community College, B.S., John Jay College of Criminal Justice

Victoria Ronin, *Assistant to Higher Education Officer, Administrative Coordinator, ASAP*
B.A., Brooklyn College

Michael Rosson, *Professor, Library*
B.A., M.S., Ithaca College, M.S.L.S., Syracuse University

Thomas J. Rothacker, *Associate Professor, Communications and Performing Arts*
B.F.A., Long Island University, C.W. Post, M.A., New York University, M.F.A., Goddard College

Eric Rothenburg, *Professor, Business*
B.B.A., Baruch College, M.A., Brooklyn College, CPA, State of New York

Nancy Rowland, *Lecturer, Allied Health, Mental Health and Human Services*
A.A.S., Kingsborough Community College, B.S., CUNY School of Professional Studies

Anna Rozenboym, *Associate Professor, Biological Sciences,*
B.A., Pace University, M.A., Teachers College, Columbia University, Ph.D., Downstate Medical Center, SUNY

Christine Rudisel, *Associate Professor, English*
B.A., State University College at Purchase, SUNY, M.A., Long Island University, M.Phil., Ph.D., CUNY Graduate Center

Sara Rutkowski, *Associate Professor, English*
B.A., McGill University, M.A., Ph.D., CUNY Graduate Center

Paula Saff, *Lecturer, Business*
B.S., M.S., Brooklyn College

David Salb, *Professor, Mathematics & Computer Science*
B.A., Yeshiva University, M.A., Brooklyn College, Ph.D., CUNY Graduate Center

Kim Sanchez, *Higher Education Officier, Finance Budget Director*
A.A.S., Kingsborough Community College, B.S., Brooklyn College

Chana Sandberg, *Higher Education Associate, Academic Advising Manager for Mathematics & Computer Science*
B.S., M.A., Brooklyn College

Mariana Sang, *Assistant to Higher Education Officer, Administrative Executive Coordinator*
B.S., Brooklyn College

Zeline Santana, *Higher Education Assistant, Financial Aid Specialist*
B.A., Brooklyn College, M.S.ed., Baruch College

Sabrina Santiago*, Assistant to Higher Education Officer, Administrative Coordinator KCC Association*
A.A.S., Bronx Community College, B.B.A., Lehman College

Jeremy Sawyer, *Associate Professor, Behavioral Sciences*
B.A., Stanford University, M.S. Ed., Queens College, Ph.D., CUNY Graduate Center

Debra Scaccia*, Assistant Professor Nursing*
A.A.S., Kingsborough Community College, B.S.N., Adelphi University, M.S.N., C.W. Post, Long Island University

Robert Schacter, *Higher Education Assistant, Academic Program Specialist, Academic Affairs,*
B.A., Concordia University, M.A., New York University, M.S. Ed., Brooklyn College

Laura Scheiber, *Lecturer Doctoral Schedule, Behavioral Sciences*
B.A., Ohio University, MA., Ph.D., Columbia University

Robert Schenck, *College Laboratory Technician, Physical Sciences*
B.S., University at Albany, SUNY, M.S., Adelphi University

Ryan Schiavone, *Lecturer, Allied Health, Mental Health and Human Services*
B.A., Union College

Andrew Schiavoni, *Assistant to Higher Education Officer, Admissions Advisor/Recruiter*
B.S., M.A., St. John's University

Carl Schlachte, *Assistant Professor, English*
B.F.A., Chapman University, M.F.A., Brooklyn College, Ph.D., University of North Carolina, Greensboro

Giovanna Schnabel, *Higher Education Associate, Academic Student Support Manager, College Discovery*
B.S., Hawaii Pacific University

Emily Schnee, *Professor, English*
B.A., Tufts University, M.A., Teachers College, Columbia University, Ph.D., CUNY Graduate Center

Lisa Schneider, *Lecturer, Business*
A.S. Nassau Community College, B.S., Long Island University, Juris Doctor, Touro College

Sari Schoenfeld, *Assistant to Higher Education Officer, Academic Program Coordinator, Collaborative Programs*
B.S., Newbury College, M.S.ed., Alfred University

Debra Schultz, *Professor, History, Philosophy & Political Sciences*
B.A., New York University, M.A., CUNY Graduate Center, Ph.D., Union Institute

Harry Schwartz, *Lecturer Doctoral Schedule, History, Philosophy & Political Sciences*
B.A., Brooklyn College, M.A., Columbia University, M.Phil., Ph.D., CUNY Graduate Center

Maria Scordaras, *Assistant Professor, English*
B.A., New York University, M.A., University of California, Berkeley, Ph.D., New York University

Loni Scott*, Assistant Professor Nursing*
B.S., SUNY Stony Brook, M.S.N., SUNY Downstate Medical Center

Shavone Sease, *Higher Education Assistant, Enrollment Registrar Specialist*
A.A., Kingsborough Community College, B.S., Empire State College, SUNY

Jacob Segal, *Associate Professor, History, Philosophy & Political Sciences*
B.A., Washington University, M.A., University of Chicago, Ph.D., Columbia University

Vanda Seward*, Assistant Professor, Behavioral Sciences*
B.A., The College of New Rochelle, M.S., Iona College, Ph.D., Capella University

Mary Shannon, *Associate Professor, Nursing*
RN., St. Vincent's School of Nursing, B.S.N., M.S.N, Wagner College

Lili Shi, *Professor, Communications & Performing Arts*
B.A., Ningbo University, M.A., Arizona State University, Ph.D., Howard University

Anatoly Shvartsman, *Higher Education Officer, Associate Director of Computer Services*
A.A.S., Kingsborough Community College, B.S., Brooklyn College

Dale Siegel, *Associate Professor, Mathematics & Computer Science*
B.S., M.S., Ph.D., Polytechnic University

Steven Skinner, *Associate Professor, Director, Physical Therapist Assistant Program, Allied Health, Mental Health and Human Services*
B.S., University of Pennsylvania, M.S., Queens College, Ed.D., Nova Southeastern University

Cheryl Smith, *Professor, English*
B.A., University of Texas at San Antonio, M.A., California State University, Bakersfield, Ph.D., University of California, Santa Barbara

Corina Lozada Smith, *Higher Education Officer, Chief Diversity Officer*
B.A., John Jay College of Criminal Justice, J.D., Brooklyn Law School

Latisha Smith, *Higher Education Assistant, ASAP Student Advisor*
A.A., B.A., Medgar Evers College

Mary Smith, *Higher Education Assistant, Enrollment Specialist*
A.A., A.A.S., Kingsborough Community College, B.A., M.A., John Jay College of Criminal Justice

Michael Smith, *Lecturer, Allied Health, Mental Health, and Human Services*
B.S., Howard University, M.J., University of California at Berkeley

Penny Soden, *Higher Education Associate, Grants Development Manager*
B.S., Lehigh University

Francisca Soetan, *Lecturer Doctoral Schedule, Allied Health, Mental Health and Human Services*
B.A., Concordia College, M.S., Ed.D., University of Phoenix

Valerie Sokolova, *Professor, Art*
B.A., Ukranian Polygraphic Institute, M.A., State Institute of Theatre & Art, Minsk

Michael Sokolow, *Professor, History, Philosophy and Political Sciences*
B.A., Brooklyn College, M.A., Ph.D., Boston University

Juan Somaribba, *Higher Education Assistant, Finance Procurement Specialist*
A.A., Kingsborough Community College, B.A., Hunter College

Eva Liza Songcuan, *College Laboratory Technician, Physical Sciences*
B.E., Stony Brook University, SUNY

Mariyama Sow, *Higher Education Assistant, Academic ASAP Student Advisor*
B.S., Hampton University

Michael Spear, *Assistant Professor and Chairperson, History, Philosophy & Political Sciences*
B.A., Davidson College, Ph.D., CUNY Graduate Center

Laura Spinu*, Professor, Communications and Performing Arts*
B.A., University of Bucharest, SUNY Stony Brook University, Ph.D., University of Delaware – Newark

Courtney Stathis, *Assistant Professor, Nursing*
A.A.S., Kingsborough Community College, B.A., Provident College, M.S., Lehman College, D.N.P., Case Western Reserve University

Tracy Steffy, *Assistant Professor, History, Philosophy & Political Sciences*
B.A., Queens College, M.Phil., Ph.D., CUNY Graduate Center

Joanna Stein, *Assistant Professor, English*
B.F.A., State University College at Fredonia, SUNY, M.A., State University College at Brockport, SUNY, M.F.A., Pacific Lutheran University

Matthew Stern, *Higher Education Associate, Academic Resource Center Manager*
B.A., University of Mount Saint Vincent, M.A. St. John's University

Tziporah Stern, *Associate Professor, Mathematics & Computer Science*
B.S., Touro College, M.B.A., Baruch College

Keisha Stewart, *Higher Education Officer, Finance Procurement Director*
B.B.A., Baruch College

Mary Danise Stokeld, *Higher Education Assistant, Academic Senior Advisor*
B.A., University of Mississippi, M.Div. Southwestern Baptist Theological Seminary

Enid Stubin, *Professor, English*
B.A., Brooklyn College, M.A., M.Phil., Ph.D., New York University

Ishani Sudasinghe, *Higher Education Assistant, Financial Aid Specialist*
B.A., Texas State University

Christie Sutherland, *Higher Education Assistant, Financial Aid Specialist*
A.S., Kingsborough Community College, B.S., Empire State College, SUNY

Charles Swift, *Assistant Professor, Behavioral Sciences*
B.A., Delaware State University, M.S.W., Fordham University, M.Phil., Ph.D., The New School

Petra Symister, *Associate Professor, Behavioral Sciences*
B.A., B.S., Duke University, M.A., Ph.D., Stony Brook University, SUNY

Farshad Tamari, *Professor, Biological Sciences*
B.S., M.S., Ph.D., York University, Toronto

Nicole Taylor, *Higher Education Associate, Student Psychological Counselor*
B.A., Mount Holyoke College, M.A., University of Connecticut, M.S.W., Columbia University

Damani Thomas, *Higher Education Officer, Student Affairs Director for Student Involvement and Special Projects*
B.A., Hunter College, M.S., Capella University

Taysha Thomas, *Higher Education Assistant, Academic ASAP Advisor*
B.A., York College

Wilbur Thomas, *Higher Education Assistant, Athletics Program Specialist*
B.S.G., California State University

Ashanti Thompson, *Assistant to Higher Education Officer, Administrative Coordinator, Single Stop*
B.A., City College

Christopher Thompson, *Lecturer, Communications and Performing Arts*
B.A., North Carolina Agriculture and Technical State University, M.M., University of North Carolina at Greensboro

Keisha Thompson, *Professor and Chairperson, Behavioral Sciences*
B.A., Baruch College, M.S. Ed., Hunter College, Ph.D., Texas A&M University

Dorina Tila, *Professor, Business*
University of La Verne, M.A., George Mason University, Ph.D., George Mason University

Cheryl Todmann, *Vice President for Communications and Marketing*
B.S. Marketing Management, Syracuse University and London England Center, Division of International Programs abroad, Course-Hinds School of Management

Julie Torrant, *Assistant Professor, English*
B.S., Cornell University, M.A., Syracuse University, Ph.D., The University at Albany, SUNY

Angela Toscano, *Lecturer, World Languages and Cultures*
B.S., College of Staten Island

Max Tran, *Professor, Mathematics & Computer Science*
B.S., Ohio State University, M.S., Ph.D., Syracuse University

Rebecca Travis *Higher Education Assistant, Senior Academic Advisor*
B.A., Colby College, M.S., Hunter College

Grace Trotman, *Assistant Professor, Behavioral Sciences*
B.A., M.A., John Jay College of Criminal Justice, J.D., Boston University

David Troy, *Assistant Professor, Behavioral Sciences*
B.A., Queens College, M.A., Ph.D., Ferkauf Graduate School of Psychology, Yeshiva University

Julie Turley*, Assistant Professor, Library*
B.A., Brigham Young University, M.F.A., University of Utah, M.L.S., Queens College

Corey Turner, *Assistant Professor, Business*
B.A., Baruch College, M.S.W., University of Maryland School of Social Work, J.D., University of Maryland Law School

Tisha Ulmer, *Assistant Professor, English*
B.A., Lincoln University, M. Phil, Ph.D., CUNY Graduate Center

Jason VanOra, *Professor, Behavioral Sciences*
B.A., State University College at Purchase, SUNY, M.A., Hunter College, M.Phil., Ph.D., CUNY Graduate Center

Brenda Vargas, *Higher Education Officer, Academic College Discovery Director*
B.A., M.A., The City College of New York

Maria Vargas, *Assistant to Higher Education Officer, Enrollment Management, Transfer Credit Evaluator*
B.A., York College, M.S., School of Professional Studies

Christine Vaz*, Assistant Professor, Nursing*
B.S.N., M.S.N., Chamberlain College of Nursing

Joseph Velez, *Higher Education Associate, Finance Budget Manager, Finance and Administration*
A.A., St. Joseph's University, B.A., Baruch College

Joseph Verdino, *Assistant Professor, Behavioral Sciences*
B.A., Queens College, M.S.Ed., Ph.D., Fordham University

Nina Vitucci, *Higher Education Assistant, Administrative Specialist, Nursing*
B.A., College of New Rochelle

Margarita Vodopyanov, *Assistant to Higher Education Officer, Academic Advisor*
B.A., College of Art and Music, Moldova formerly USSR, B.S., University of Phoenix, M.S.W., Adelphi University

Tony Walker, *Higher Education Associate, Finance Budget Manager*
B.A., Brooklyn College, M.S.Ed., Baruch College

Shaune Wallace-Bostic, *Higher Education Associate, HR Diversity Program Manager*
B.S., Iona College, M.A., University of Phoenix

Red Washburn, *Professor, English*
B.A., Mount Saint Mary College, M.A., State University College at New Paltz, SUNY, M.A., Ph.D., University of Maryland

Juann Watson, *Lecturer Doctoral Schedule, Behavioral Sciences*
B.A., Long Island University, M.S.W., Ph.D., Yeshiva University

Judeine Watson, *Higher Education Assistant, Enrollment Specialist*
B.A., City College

Kathryn Wayler, *Higher Education Associate, Administrative Events Manager*
A.A.S., New York City College of Technology, B.S., Empire State College, SUNY, M.A., New York University

Anne Weaverling, *Lecturer Doctoral Schedule, Communications & Performing Arts*
B.A., Santa Clara University, M.F.A., University of California, San Diego

Shameeka Weekes, *Higher Education Assistant, Student Career Senior Advisor*
B.A., St. Francis College, M.S. Walden University

Sheri Weinstein, *Associate Professor, English*
B.A., Brandeis University, M.A., McGill University, Ph.D., State University of New York at Buffalo, SUNY

Michael K. Weisberg, *Professor, Physical Sciences*
B.S., M.A., Brooklyn College, Ph.D., CUNY Graduate Center

Michael Weisenfeld, *Higher Education Officer, Academic Resource Center Director/ Director of Tutorial Services and Supplemental Instruction, Academic Affairs*
B.S., M.A., Brooklyn College

Jane Weiss, *Associate Professor, English*
B.A., Brown University, Ph.D., CUNY Graduate Center

Lora John Wells, *College Laboratory Technician, Allied Health, Mental Health and Human Services*
A.A.S. Kingsborough Community College, B.S., New York City College of Technology

Roxanne West, *Lecturer, Allied Health, Mental Health and Human Services*
A.A.S., Kingsborough Community College, B.S., New York City College of Technology

Dominic Wetzel, *Associate Professor, Behavioral Sciences*
B.A., Carleton College, Ph.D., CUNY Graduate Center

Marie Williams, *Higher Education Assistant, ASAP Student Advisor, ASAP*
B.S., M.P.A., John Jay College of Criminal Justice

Sheryl Williams, *Assistant Professor, English*
A.A.S., Kingsborough Community College, B.A., M.A., Brooklyn College, Ph.D., Howard University

Karimah Ellis Wilson, *Higher Education Officer, Academic Advising Director*
B.S., Northeastern University

Catherine Wilson-Mooney, *Assistant Professor, Nursing*
A.A.S., B.S.N., College of Staten Island, M.S.N., Walden University

Amanda Wing *Higher Education Assistant, Human Resources Specialist*
B.S.,M.S., Brooklyn College

William Winter, *Associate Professor, Behavioral Sciences*
B.A., M.A., Brooklyn College, Ph.D., CUNY Graduate Center

Donovan Withers, *Lecturer, Tourism and Hospitality*
A.A.S., Kingsborough Community College, B.A., Hunter College

Eben Wood, *Professor, English*
B.A., Colgate University, M.F.A., Ph.D., University of Michigan, Ann Arbor

Xiaoting Wu, *Higher Education Assistant, Communications Publications Design Specialist, Community Relations*
A.A., Kingsborough Community College, B.F.A., School of Visual Arts

Mei Xing, *Associate Professor, Mathematics & Computer Science*
B.S., Liaoning Normal University, China, M.S., Fudan University, China, Ph.D., Oklahoma State University

Hanying Xu, *Professor, Physical Sciences*
B.S., Peking University, Ph.D., Mississippi State University

Midori Yamamura*, Associate Professor, Art*
B.A., Musashino Art University, M.A., Queens College, Ph.D., CUNY Graduate Center

Hong Tu Yan, *Lecturer, Mathematics & Computer Science*
B.B.A., Pace University, M.A., Hunter College

Tara Yarczower, *Higher Education Officer, Student Affairs Director, Assessment/Veterans Affairs*
A.A.S. Kingsborough Community College, B.A., M.A., College of Staten Island

Kymel Yard, *Higher Education Assistant, Academic Program Specialist*
B.A., SUNY Binghamton

Rina J. Yarmish, *Professor and Chairperson, Mathematics & Computer Science*
B.A., Queens College, B.H.L., Yeshiva University, M.S., Ph.D., New York University

Miriam Yawitz*, College Laboratory Technician, Nursing*
A.A.S., Kingsborough Community College

Darren Yuen, *Higher Education Assistant, Financial Aid Specialist*
B.S., Binghamton, SUNY

Felix Yusupov, *Higher Education Assistant, Academic Student Support Program Specialist Flex Math*
B.S./M.A, University of Samarkand State University, Uzbekistan

Christine Zagari, *Assistant Dean, Workforce Development and Contunuing Education*
A.A.S., Kingsborough Community College, B.F.S., M.A., New York Institute of Technology

Yuan Zhuo Zhang*, College Laboratory Technician, Physical Sciences*
B.S., John Jay College, M.S., City College

David Zilberman, *Lecturer, Biological Sciences*
B.S., M.A., Brooklyn College

Professors Emeriti

Frieda Aaron, *Associate Professor, English*
B.A., Brooklyn College, M.A., M.Phil., Ph.D., The City University of New York

Patrick J. Abbazia, *Professor, History, Philosophy & Social Sciences*
B.A. Brooklyn College, M.A., University of California, Ph.D., Columbia University

Richard Adelson, *Associate Professor, Business*
B.S., M.A., New York University

Elio Alba, *Professor, World Languages and Cultures*
B.A., Havana Institute, Cuba, M.A., Rutgers University, LL.D., University of Havana, Cuba, Ph.D., New York University

Louis Altschul, *Professor, Behavioral Sciences & Human Services*
A.B., New York University, Ph.D., Adelphi University

Deborah Anderson, *Lecturer, English*
B.A., M.F.A., University of North Carolina – Wilmington

Sheldon I. Aptekar, *Professor, Communications & Performing Arts*
B.A., Brooklyn College, M.A., Trinity University

Isidor Apterbach, *Assistant Professor, English*
B.A., Yeshiva University, M.A., M. Phil., Columbia University

Leslie Arberman*, Assistant Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.S., The City College of New York, Certificate in Psychoanalysis, National Psychological Association for Psychoanalysis, M.S.W., Wurzweiler School of Social Work, Yeshiva University

Carlos Arguelles, *Associate Professor and Chairperson, Library*
B.A., La Salle University, M.L.S., Long Island University, M.B.A., New York Institute of Technology

Jack Arnow, *Assistant Professor, Mathematics & Computer Science*
B.S., Brooklyn College, M.A., Queens College

Marcia Babbitt, *Professor, English*
B.A., Temple University, M.A., State University of Iowa, Ph.D., CUNY Graduate Center

Yvette Bader, *Professor, Music*
B.A., Brooklyn College, B. Music, M. Music, Manhattan School of Music, M.A., New York University, Ed.D., Columbia University

Bobby l. Baldwin, *Professor, Office Administration & Technology*
B.S., M.S., Prarie View A&M College

Elinor Barr, *Associate Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.S., Bank Street College of Education, Ph.D., Union Graduate School

Gordon Bassen, *Professor, Mathematics & Computer Science*
B.S., M.A., Brooklyn College, Ph.D., CUNY Graduate Center

Sylviane Baumflek, *Lecturer, English*
B.A., Brooklyn College, M.A., Columbia University

Halice K. Beckett, *Associate Professor, Nursing*
B.S., M.A., New York University, R.N. Bellevue Hospital, School of Nursing

Dorothy A. Beckmann, *Associate Professor, Communications & Performing Arts*
B.A., M.A., Queens College, Ph.D., Teachers College, Columbia University

Renato Bellu, *Professor, Business, Director Entrepreneurial Studies Program*
A.A.S., Kingsborough Community College, B.S., Brooklyn College, M.B.A., Pace University, Ph.D., Union Graduate School

Joseph H. Berliner, *Associate Professor, Business*
B.S., Brooklyn College, J.D., New York University, M.B.A., Long Island University, C.P.A., State of New York

John Blunt, *Associate Professor, Physical Sciences*
B.A., B.S., University of Michigan, M.S., Michigan State University, M.A., Ph.D., New York University

Jack L. Bolen, *Professor, Art*
B.F.A., M.F.A., Kansas City Art Institute

Alfred Borrello, *Professor, English*
B.A., St. John's University, M.A., New York University, Ph.D., St. John's University

Uda Bradford, *Associate Professor, Assistant Dean for Student Affairs, Student Development*
B.A., New York University, M.S.W., Hunter College, Ph.D., Fordham University

Rosa M. Bradley, *Professor, Coordinator, Occupational Therapy Transfer Option and Pharmacy Transfer Option Programs, Biological Sciences*
B.A., Dunbarton College, M.S., Howard University, Ph.D., New York University

Sara Bradwisch, *Professor, Nursing,*
B.S.N., Mount Saint Vincent Mary College, M.S.N., Long Island University, C.W. Post Campus, Ph.D., Mount Saint Mary College

Myron I. Brender, *Professor, Behavioral Sciences & Human Services*
A.B., Ph.D., New York University

Judith Brilliant, *Associate Professor, Student Development*
B.A., M.S., Queens College, Ph.D., Fordham University

George Buchman, *Assistant Professor, Business*
B.A., Brooklyn College, M.B.A., New York University, C.P. A., State of New York

Rosemary Bufano*, Lecturer, Tourism & Hospitality*
B.A., Queens College

William Burger, *Professor, Behavioral Sciences & Human Services*
A.A.S., Nassau Community College, B.A., Richmond College, Ed.M., Harvard University, Ph.D., Union Graduate School

Jocelyn A. Camp, *Professor, English*
B.A., Southwestern at Memphis, M.A., Ph.D., University of Michigan

Betty Caroli, *Professor, History, Philosophy & Political Sciences*
B.A., Oberlin College, M.A., University of Pennsylvania, Ph.D., New York University

Susan Carpenter, *Associate Professor, Behavioral Sciences and Human Services*
B.A., University of New Castle upon Tyne, U.K., M.F.A., University of New Castle upon Tyne, U.K., Post Graduate Certificate, University of London, Goldsmiths College, U.K., M.S., Lehman College, Ph.D., Australian National University, Canberra, Australia

Catherine Carr, *Associate Professor, Nursing*
M.S., B.S., Hunter College, R.N., Jewish Hospital of Brooklyn, School of Nursing

Harvey F. Carroll, *Professor, Physical Sciences Director, Engineering Science Program*
A.B., Hunter College, Ph.D., Cornell University

Domenic Caruso, *Professor, English*
B.A., M.A., Ph.D., New York University

Isabella Caruso*, Professor, English*
B.S., New York University, M.A. Brooklyn College, M.Philosophy, Ph.D., New York University

Geraldine Chapey, *Professor, Behavioral Sciences & Human Services*
B.S., St. John's University, M.A., Teachers College, Columbia University, Ed.D., Rutgers University

Henry Chupack, *Professor, English*
B.A., Brooklyn College, Ph.D., New York University

Lucille Cichminski, *Professor, Nursing*
A.A.S., B.S.N., College of Staten Island, M.S.N., Hunter College

Audrey Cohen, *Professor, Business*
B.A., Radcliffe College, M.B.A., DBA, Harvard Business School

Anthony Colarossi, *Professor, Student Development*
B.A., M.S., Brooklyn College, Ph.D., Fordham University

Diego L. Colon, *Professor, Student Development, Director, Bilingual Studies Program*
B.A., University of Puerto Rico, M.S., The City College of New York, Ph.D., New York University

Edwin Cooperman, *Associate Professor, Behavioral Sciences & Human Services*
B.A., M.S., Brooklyn College, Ph.D., St. John's University

Eleanor Cory, *Professor, Communications & Performing Arts*
B.A., Sarah Lawrence College, M.A.T., Harvard Graduate School of Education, M.M., New England Conservatory, D.M.A., Columbia University

Mary V. Crowley, *Professor, Communications & Performing Arts*
B.A., Barry College, M.A., Adelphi University

Martha Clark Cummings, *Associate Professor, English*
B.A., New York University, M.A., Ed.M., Ed.D., Teachers College, Columbia University

Martin E. Danzig, *Professor, Behavioral Sciences & Human Services*
B.A., St. John's University, M.A., Ph.D., New York University

Aleksandr Davydov, *Assistant Professor, Mathematics & Computer Science*
M.S., Samarkand State University, Russia, Ph.D., Ural State University, Russia

Rosaline M. Depas, *Professor, English*
B.A., University of London, England, M.A., Ph.D., University of the Saar, Germany

Alline C. DeVore, *Professor, Behavioral Sciences & Human Services*
B.A., New York University, M.S., The City College of New York, Ed.D., Fordham University

Anthony DiLernia, *Professor, Director, Maritime Program, Tourism & Hospitality*
B.S., M.S., Professional Diploma, St. John's University

Voorhees Dunn, *Associate Professor, History, Philosophy & Political Sciences*
B.A., M.A., Ph.D., Rutgers University

John Dydo, *Associate Professor, Business*
A.B., Columbia University, B.S., Ph.D., University of California at Berkeley

MaryAnn Edelman, *Professor, Nursing*
A.A.S., B.A., M.S., College of Staten Island

Susan Ednie, *Lecturer, Allied Health, Mental Health and Human Services*
B.A., University of Rhode Island, M.A., Boston University, M.S.W., Fordham University

Ralph Edwards, *Professor, Health, Physical Education & Recreation*
B.S., The City College of New York, M.S., University of Illinois, Ed.D., Teachers College, Columbia University

Harold S. Engelsohn, *Professor, Mathematics & Computer Science*
B.S., Brooklyn College, M.A., Courant Institute, New York University

Jeptha A. Evans, *Assistant Professor, English*
B.A., Arkansas Polytechnic College, M.F.A., University of Iowa

M. Reza Fakhari, *Vice President for Workforce Development and Strategic Community Partnerships, Professor, History, Philosophy & Political Sciences*
B.A., Winona State University, M.A., Ph.D., New School University

Susan Farrell, *Professor and Chairperson, Behavioral Sciences & Human Services*
B.A., Queens College, M.A., St. John's University, Ph.D., CUNY Graduate Center

Joseph Feit, *Professor, Mathematics & Computer Science*
B.A., M.A., Brooklyn College

Eileen Ferretti, *Associate Professor and Chairperson, English*
B.A., Brooklyn College, M.A., Queens College, M. Philosophy, Ph.D., CUNY Graduate Center

Ellen Fine, *Professor, World Languages and Cultures*
B.A., Smith College, M.A., University of California, Berkeley, Ph.D., New York University

Peter Fiume, *Professor, Behavioral Sciences & Human Services*
A.A.S., Kingsborough Community College, B.A., Columbia University, M. Div., Union Theological Seminary, Ed.D., Columbia University, Teachers College

Ronald Forman, *Assistant Professor, Mathematics & Computer Science*
B.S., M.A., Brooklyn College

Richard Fox, *Vice President for Institutional Effectiveness*
B.A., Hunter College, M.A., University of Nebraska, Ph.D., State University of New York at Buffalo

David Frankel, *Associate Professor, Communications & Performing Arts*
B.F.A., New York Institute of Technology, M.S., St. John's University

Clara J. Freeman, *Assistant Professor, English*
B.A., M.A., University of Tulsa, Ph.D., New York University

Lea Fridman, *Professor, English*
B.A., M. Philosophy, Yeshiva University, Ph.D., CUNY Graduate Center

Sheldon Friedland, *Professor, Tourism & Hospitality*
B.S., M.S., Brooklyn College

Delores Friedman, *Professor, Behavioral Sciences & Human Services*
B.A., M.S., Hunter College, Advanced Certificate in Administration and Supervision, Brooklyn College, Ed.D., Teachers College, Columbia University

Morton L. Fuhr, *Professor, English*
A.B., A.M., Brooklyn College, Ed.D., New York University

Samuel Gale, *Professor, Mathematics & Computer Science*
B.A., Queens College, M.F.A., Princeton University, M.S, Ph.D., New York University

Arnold Gallub, *Associate Professor, Physical Sciences*
B.S., The City College of New York, M.S., Ph.D., New York University

Kate Garretson, *Professor, English*
B.A., Vassar College, M.A., M. Phil., Yale University, Ph.D., New York University

Barbara Ann Gattullo, *Professor and Deputy Chairperson for Clinical Affiliations, Nursing*
A.A.S., College of Staten Island, B.S.N., M.S.N., Hunter College

Jay Gelbein, *Professor, Business*
B.S., Brooklyn College, M.S., Long Island University, C.P.A., State of New York and State of New Jersey

Helen P. Gerardi, *Professor, Health, Physical Education & Recreation*
B.A., M.S., Hunter College, Ed.D., Teachers College, Columbia University

Irving Gersh, *Professor, World Languages and Cultures*
B.A., Brooklyn College, B.H.I., M.H.I., Jewish Theological Seminary, M.A., Columbia University, Ph.D., Brandeis University

Ronald Gerwin, *Professor, Health, Physical Education & Recreation*
B.S., Brooklyn College, M.Ed., Temple University, Ed.D., Teachers College, Columbia University

Valerie Gill, *Associate Professor, Nursing*
A.A.S., B.S., Medgar Evers College, M.S., M.Ed., Teachers College, Columbia University

Barbara Ginsberg, *Professor, Health, Physical Education & Recreation, Director, My Turn Program*
B.S., Brooklyn College, M.S., University of Wisconsin, Ed.D., Teachers College, Columbia University

Ilsa M. Glazer, *Associate Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.A., Brandeis University, Ph.D., University of Sussex

Connie Goldfarb, *Professor, Behavioral Sciences & Human Services, Director, Early Childhood Education Program, Educational Studies*
B.A., Brooklyn College, M.S., Bank Street College of Education, M.A., Ph.D., Ferkauf Graduate School, Yeshiva University

Rachelle Goldsmith, *Professor, Health, Physical Education & Recreation, Director, Collaborative Programs*
B.S., Brooklyn College, M.A., Ed.D., Teachers College, Columbia University

Gene Goldstein, *Professor, Business*
B.B.A., Baruch College, M.S., The City College of New York, Ph.D., New York University, C.P.A., State of New York

David Gómez, *Professor, Behavioral Sciences & Human Services*
B.A., State Universtiy at Albany, SUNY, M.A., Ed.D., Teachers College, Columbia University

Miles Goodman, *Associate Professor, Physical Sciences*
B.S., Brooklyn College, M.A., Yale University

David Goldberg, *Assistant Professor, Tourism & Hospitality*
B.A., M.A., The City College of New York

Richard M. Graf, *Professor, Behavioral Sciences & Human Services*
B.A., M.A., New York University, Ed.D., Columbia University

Richard Graziano, *Professor, Tourism & Hospitality*
B.A., M.A., St. John's University, Professional Diploma, Queens College, Ed.D., Hofstra University

Janine Graziano-King, *Professor, English*
B.A., M.A., Hunter College, Ph.D., CUNY Graduate Center

Leonard Green, *Associate Professor, English*
B.A., Hamilton College, Ph.D., Cornell University

Cindy Greenberg, *Professor, Communications & Performing Arts*
B.A., Queens College, M.A., Ph.D., CUNY Graduate Center

Philip J. Greenberg, *Professor, Mathematics & Computer Science*
B.E.E., The City College of New York, M.S. (E.E.), M.S., Polytechnic Institute of Brooklyn, Ph.D., New York University

Carolyn Gribben, *Assistant Professor, Student Development*
B.S., Brooklyn College, M.A., Teachers College, Columbia University, Ph.D., Fordham University

Louise Grinstein, *Professor, Mathematics & Computer Science*
B. A., M.A., State University of New York at Buffalo, SUNY, Ph.D., Columbia University

Joseph Guardino, *Professor, Business*
B.B.A., M.B.A., The City College of New York, J.D., New York Law School, C.P.A., State of New York and State of Florida

Barbara Gurski, *Professor, Nursing*
B.S., Boston College, M.A., Teachers College, Columbia University, R.N., St. Frances Hospital, School of Nursing

Norman Hanover, *Assistant Professor, History, Philosophy & Political Sciences*
A.B., New York University, M.A., Harvard University

Helaine Harris, *Associate Professor, Behavioral Sciences and Human Services*
B.S., State University of New York at Buffalo, SUNY, M.S.Ed., Pace University, Ph.D., Pace University, Certificate, Manhattan Institute for Psychoanalysis

Sherry H. Harris, *Assistant Professor, Health, Physical Education & Recreation*
B.A., M.S., Herbert H. Lehman College, M.Ed., Teachers College, Columbia University

Gloria P. Hartman, *Associate Professor, Nursing*
B.S., Philippine Women's University, M.A., University of Santo Tomas, Philippines, R.N., St. Paul School of Nursing, Philippines

Patricia Hazlewood, *Associate Professor, Co-Director Community Health Programs, Health, Physical Education & Recreation*
B.S., Howard University, M.S., Hunter College, Ed.D., Teachers College, Columbia University

Jameelah Hegazy, *Assistant Professor, Nursing*
B.S.N., The City College of New York, M.A., Pace University

David C. Henry, *Professor, Secretarial/Office Administration*
B.S., Maryland State College, M.A., New York University

Julio Hernández-Miyares, *Professor, World Languages and Cultures*
B.A., Colegio de Belen, Cuba, LL.D., University of Havana, Cuba, M.A., Ph.D., New York University

Cliff Hesse, *Professor, Communications & Performing Arts*
B.A., M.A., Brooklyn College, Ph.D., New York University

Morton Hirsch, *Associate Professor, Business*
B.B.A., M.B.A., The City College of New York

Linda Holman, *Assistant Professor, English*
B.A., State University of New York at Albany, M.A., Ph.D., State University of New York at Buffalo, SUNY

Alphonse Homeha, *Assistant Professor, History, Philosophy & Political Sciences*
B.A., Lane College, M.A., New York University

Florence Houser, *Professor, Library*
B.A., Brooklyn College, B.S., Columbia University, M.A., Hebrew College

Despoina Ikaris, *Professor, English*
B.A., M.A., University of Pittsburgh, Ph.D., University of London, England

Louise Jaffe, *Professor, English*
B.A., Queens College, M.A., Hunter College, Ph.D., University of Nebraska, M.F.A., Brooklyn College

Samuel Jaffe, *Associate Professor, Physical Sciences*
B.S., Long Island University, M.S., Ph.D., New York University

Diana Kalechman, *Lecturer, Mathematics & Computer Science*
B.A., Universidad Simon Rodriguez, M.A., New York University

Richard Kamen, *Assistant Professor, Health, Physical Education & Recreation*
B.S., M.S., Brooklyn College, Ph.D., Ohio State University

Michel Kanter, *Professor, Art*
Diploma/Advertising, Diploma/Tapestry, National School of Fine Arts, France, Diploma/Superior, Plastic Art, National Superior School of Fine Arts, France

Bella Kanturek, *Associate Professor, Nursing*
B.S., M.A., New York University, R.N., Mount Sinai Hospital, School of Nursing

Joseph Karasyk, *Associate Professor, Business*
B.B.A., M.B.A., Baruch College, C.P.A., State of New York

Moses Karman, *Assistant Professor, Mathematics & Computer Science*
B.S., M.A., Brooklyn College

Anna Karpathakis, *Associate Professor, Behavioral Sciences & Human Services*
B.A., Queens College, M.A., M.Ph., Ph.D., Columbia University

Loretta Kasper, *Professor, English*
B.A., M.A., Brooklyn College, B.A., College of Staten Island, M.S., Ph.D., Rutgers University

Ernece B. Kelly, *Associate Professor, English*
B.A., M.A., University of Chicago, Ph.D., Northwestern University

Margaret R. Kibbee, *Professor, World Languages and Cultures*
B.S., College of Mount St. Vincent, M.A., Middlebury College, Ed.D., Nova University

Irene R. Kiernan, *Professor, Behavioral Sciences & Human Services*
B.A., College of Mount St. Vincent, M.A., Fordham University, Ph.D., New York University

Helen Kirshblum, *Assistant Professor, Communications & Performing Arts*
B.S., M.A., New York University

Miriam Kittrell, *Professor, Biological Sciences*
B.S., Brooklyn College, M.S., New York University, Ed.D., Teachers College, Columbia University

Oliver Klapper, *Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.A., Ed.D., Teachers College, Columbia University

Frances Kraljic-Curran, *Professor, History, Philosophy & Political Sciences, Director, Liberal Arts Program*
B.A., Georgian Court College, M.A., Ph.D., New York University

Conrad Kreuter, *Lecturer, Tourism & Hospitality*
B.S., M.B.A., New York Institute of Technology

Isabelle A. Krey, *Professor, Office Administration/Technology*
B.A., Hunter College, M.A., New York University

Suzanne LaFont, *Professor, Behavioral Sciences & Human Services,*
B.A., University of Michigan, M.Phil., Ph.D., Yale University

Yvonne G. Laurenty, *Associate Professor, English*
B.A., M.A., Columbia University, Ed.D., Temple University

Milton A. Levy, *Assistant Professor, English*
B.A., Upsala College, M.A., University of Wisconsin

Ronna Levy, *Assistant Professor, English*
B.A., University of Massachusetts, M.F.A., Brooklyn College, Ph.D., Union Institute and University

H. Desmond Lewis, *Associate Professor, Student Development*
B.S., M. A., New York University, Ed.D, Teachers College, Columbia University

Rachel B. Lieff, *Assistant Professor, Mathematics & Computer Science*
B.A., B.E., University of Cincinnati, M.A., Columbia University

Vincent Liguori, *Professor, Biological Sciences*
B.S., St. Francis College, M.S., Long Island University Ph.D., New York University

Georgia Lind, *Associate Professor, Biological Sciences*
A.B., Ph.D., University of Chicago

Rose Litvack, *Professor, Business*
B.S., M.A., Brooklyn College, C.P.A., State of New York

Manel Lledos, *Professor, Art*
B.A., Mila I. Fontanals, Spain, M.F.A., University of Barcelona, Spain

Eduardo Lolo, *Professor, World Languages and Cultures*
B.A., Central University, Matanzas, Cuba, M.A., The City College of New York, Ph.D., CUNY Graduate Center

Simeon P. Loring, *Professor, Music*
B.A., M.A., Brooklyn College

Natasha Lvovich, *Professor, English,*
B.A., M.A., Moscow Linguistic University, Ph.D., Union Graduate School

Consolacion Magdangal, *Assistant Professor, Business*
B.S.C., M.A., Far Eastern University, Philippines, M.B.A., New York University

Fred B. Malamet, *Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.A., Teachers College, Columbia University, Ed.D., Rutgers University

Florence Maloney, *Professor, Office Administration/Technology*
B.B.A., Pace College, M.S., Hunter College, Ed.D., St. John's University

John B. Manbeck, *Professor, English*
A.B., Bucknell University, M.A., New York University

Theodore C. Markus, *Professor, Biological Sciences*
B.S., Brooklyn College, M.S., University of Michigan, Ed.D., Teachers College, Columbia University

Laurel Marshall, *Assistant Professor, Tourism & Hospitality*
B.S., Emerson College, M.P.S., New School for Social Research

Anthony Martin, *Professor, Art*
B.S., Hunter College, M.F.A., The City College of New York

Edward Martin, *Professor, Business*
B.A., Queens College, M.S., P.D., Ed.D., St. John's University

Sylvia F. Martin, *Professor, Nursing*
B.S., Hunter College, M.A., New York University, R.N., State of New York

Inez A. Martinez, *Professor, English*
B.S., M.A., St. Louis University, Ph.D., University of Wisconsin at Madison

Theresa Mastrianni, *Associate Professor, Business*
B.S., State University College at Oneonta, SUNY, M.B.Ed., New York University

Fredric Mayerson*, Professor, Business*
B.A., New York University, M.S., P.D., M.B.A., Ph.D., St. John's University

Betsy McCully, *Associate Professor, English*
B.A., Ph.D., George Washington University

Gloria McDonnell, *Professor, Office Administration Technology*
B.B.A., St. John's University, M.A., College of St. Rose, Ph.D., New York University

William B. McKinney, *Professor, Communications & Performing Arts*
A.B., Princeton University, M.A., Columbia University, Diploma, Julliard School of Music, D.M.A., University of Cincinnati

Janice Mehlman, *Professor, Art*
B.A., M.F.A., Brooklyn College

Charles H. Metz, *Professor, Mathematics & Computer Science*
B.B.A., St. John's University, M.S., University of Notre Dame

Norma Miles, *Assistant Professor, English*
B.A., M.A., University of California at Los Angeles, Ph.D., University of California at Santa Barbara

Joyce Miller, *Associate Professor, World Languages and Cultures*
B.A., Brown University, M.A., New York University, Ph.D., University of Pennsylvania

Michael Miranda, *Associate Professor, Behavioral Sciences & Human Services*
B.B.A., Baruch College, M.S., Nova University, Ph.D., New York University

Rebecca K. Mlynarczyk, *Professor, English*
B.A., Purdue University, M.A., Northwestern University, Ph.D., New York University

Max Mlynarski, *Professor, Mathematics & Computer Science*
B.S., M.A., Brooklyn College, Ph.D., Polytechnic Institute of New York

Andre Montero, *Professor, Business*
A.A.S., Staten Island Community College, B.B.A., M.B.A., Pace University, C.P.A., State of New York

Juan Morales-Flores, *Assistant Professor, Behavioral Sciences & Human Services*
B.S., University of Puerto Rico, M.S. Ed., Ph.D., Pennsylvania State University

Josephine Murphy, *Associate Professor and Chief Librarian, Library*
B.A., M.A., Brooklyn College, M.S., Pratt University

Joseph N. Muzio, *Professor, Biological Sciences Director, Marine Education Program*
B.A., Queens College, M.A., Ed.D., Teachers College, Columbia University

Kenneth R. Neuberger, *Associate Professor, Physical Sciences*
B.A., University of Connecticut, Ph.D., University of California at Berkeley

Gloria Nicosia, *Professor, Communications & Performing Arts*
B.A., Hunter College, M.S., Brooklyn College, Ph.D., New York University

Edward Nober, *Assistant Professor, Health, Physical Education & Recreation*
B.S., Brooklyn College, Certificate of Proficiency in Physical Therapy, University of Pennsylvania, M.A., Columbia University

Thomas I. Nonn, *Professor, Art*
B.S., Manhattan College, M.A., Ph.D., New York University

Mitchell Okun, *Professor, History, Philosophy & Political Sciences*
B.A., Brooklyn College, M.A., University of Minnesota, Ph.M., Ph.D., Graduate School, The City University of New York

Catherine Olubummo, *Professor, Nursing*
A.A.S, Bergen Community College, B.S.N., William Patterson State College, M.A., M.S.N., Long Island University, D.N.P., Chatham University

G. Curtis Olsen, *Associate Professor, English*
B.A., Augustana College, M. A., University of Wisconsin, Ph.D., University of Kentucky

Susan O'Malley, *Professor, English*
A.B., Smith College, M.A., Ph.D., Tulane University

Dianna Oratz, *Associate Professor, Mathematics & Computer Science*
B.A., Brooklyn College, M.A., New York University

Coleridge Orr, *Associate Professor, Library*
B.A., Queens's College, Canada, M.A., Carleton University, Canada, M.L.S., Pratt Institute, Ed.D., Teachers College, Columbia University

Mary Thereasa Ortiz, *Professor, Biological Sciences,*
B.S., Wagner College, M.S., Ph.D., Rutgers University

Alfonso Garcia Osuna, *Professor and Chairperson, World Languages and Cultures*
A.A., Nassau Community College, B.A., M.A., Queens College, Ph.D., Graduate School, The City University of New York

Benjamin Pacheco*, Associate Professor, Behavioral Sciences & Human Services*
B.A., Inter-American University, Puerto Rico, M.S.W., New York University

Anthony Padovano, *Professor, Art*
B.F.A., Columbia University, M.A., Hunter College

Evelio Penton, *Associate Professor, World Languages and Cultures*
Bachiller, Instituto de Santa Clara, Cuba, Pe.D., Universidad de la Habana, Cuba, Diploma de Estudios, Centro de Estudios del I.N.P.R.S., Cuba, M.A., Columbia University

Judith A. Perez, *Associate Professor, Health, Physical Education & Recreation*
B.A., M.S., Hunter College

Arnold E. Perlmutter, *Assistant Professor, History, Philosophy & Political Sciences*
A.B., A.M., Boston University

Regina S. Peruggi, *President, Professor, Business*
B.A., College of New Rochelle, M.B.A., New York University, Ed.D., Teachers College, Columbia University

Barbara Petrello, *Assistant Professor, English*
B.A., McGill University, M.A., Middlebury College, Ed.D., Rutgers University

Angelica Petrides, *Professor, Health, Physical Education & Recreation*
B.A., Hunter College, M.A., Teachers College, Columbia University

Mariya Petrova, *Lecturer, Mathematics & Computer Science*
M.A., Saratov University, Russia

Roberta E. Pike, *Assistant Professor, Library*
A.B., Hunter College, M.A., New York University, M.L.S., Pratt Institute

Peter Pilchman, *Professor, Biological Sciences*
B.A., Queens College, Ph.D., CUNY Graduate Center

Naomi Platt, *Professor, Office Administration and Technology*
B.S., M.S., The City College of New York, Ed.D., Rutgers University

Frances Mostel Poggioli, *Professor, Office Administration & Technology*
B.B.A., St. John's University, M.S., Long Island University, R.R.T.

John R. Price, *Associate Professor, English*
A.B. Ph.L., M.A. Th.L., St. Louis University, Ph.D., University of Wisconsin

Anna Procyk, *Associate Professor, History, Philosophy & Political Sciences*
B.A., Hunter College, M.A., Ph.D., Columbia University

Ella Puccio, *Assistant, Professor, Behavioral Sciences & Human Services*
B.A., Boston University, M.S.W., Hunter College, D.S.W., Adelphi University

Morris Rabinowitz, *Associate Professor, Student Development*
B.A., The City College of New York, M.A., Ed.D., Teachers College, Columbia University

Stanley Rabinowitz, *Associate Professor, Mathematics & Computer Science*
B.S., The City College of New York, M.S., New York University, Ph.D., The City University of New York

Sylvia Resnick, *Assistant Professor, Communications & Performing Arts*
B.A., M.A., Brooklyn College, Ph.D., New York University

Eva H. Richter, *Assistant Professor, English*
A.M., University of Chicago

Theresa M. Rodin, *Assistant Professor, Nursing*
B.S., St. John's University, M.A., Columbia University, R.N., St. Michael's School of Nursing

Jennie Roman, *Assistant Professor, Student Development*
A.A., Kingsborough Community College, B.A., M.S., Brooklyn College, Ed.M., Ed.D., Teachers College, Columbia University

Irwin Rosenthal, *Professor, Student Development*
B.A., Brooklyn College, M.A., Columbia University, Ph.D., New York University

Julius I. Rosenthal, *Assistant Professor, Mathematics & Computer Science*
B.S., The City College of New York, M.S., New York University

William L. Rovers, *Professor, Student Development, Director College Discovery Program*
B.S., Tennessee A&I University, M.S.W., Ed.D., Fordham University

Gordon A. Rowell, *Professor, Library*
B.A., Bowdoin College, B.S., Columbia University, M.A., Teachers College, Columbia University

Cecila Salber, *Associate Professor, Library*
B.A., York College, M.S., Pratt Institute, M.A., College of Staten Island

Jacqueline Scerbinski, *Associate Professor, Business*
A.A., Packer Junior College, B.A., Hunter College, M.B.A., St. John's University

Adele Schneider, *Professor, Library*
B.A. Brooklyn College, M.L.S., Pratt Institute, M.A., Long Island University

Florence Schneider, *Associate Professor, Director, Education Program, Behavioral Science & Human Services*
B.A., Brooklyn College, M.A., New York University, Ph.D., Capella University

Ronald Schwartz, *Professor, World Languages and Cultures*
B.A., Brooklyn College, M.A., Ph.D., University of Connecticut

Marvin I. Shapiro, *Assistant Professor, Behavioral Sciences & Human Services*
B.A., The City College of New York, M.B.A., Baruch College, Ph.D., Wayne State University

Michael Z. Sherker, *Professor, Art*
A.B., Brooklyn College, M.S.Des., University of Michigan, Ed.D., Columbia University

Louis Shor, *Assistant Professor, Health, Physical Education & Recreation*
B.S., Long Island University, M.S., Brooklyn College

Dolores Shrimpton, *Professor, Nursing*
R.N., Kings County Hospital Center School of Nursing, B.S., Long Island University, M.A., New York University

Laurence Simon, *Professor, Behavioral Sciences & Human Services*
B.A., College of New York, Ph.D., New York University

Robert Singer, *Professor, English*
B.A., M.A., M.Phil., Ph.D., New York University

Denis Sivack, *Assistant Professor, English*
B.A., Siena College, M.A., Fordham University

Nicholas Skirka, *Professor, Co-Director Physical Education, Recreation and Recreation Therapy, Health, Physical Education & Recreation*
B.S., M.A., University of Maryland, Ph.D., New York University

Franceska Smith, *Associate Professor, Director, Education Associate Program, Behavioral Sciences & Human Services*
B.A., Radcliff College, M.A., Ed.D., Teachers College, Columbia University

Joyce R. Socolof, *Assistant Professor, Nursing*
B.S., New York University, M.A., Hunter College, Diploma, Bellevue Hospital School of Nursing

Bailin Song, *Professor, English*
B.A., Anhui University, M.A., Ph.D., The University of Mississippi

Eleanor L. Spitzer, *Assistant Professor, English*
B.A., Hunter College, M.A., California State University

Susan Spivack, *Associate Professor, Art*
A.A.S., Fashion Institute of Technology, B.F.A., School of Visual Arts, M.A., Pratt Institute

Philip Stander, *Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.S., Queens College, Ed.D., Teachers College, Columbia University

Joan Standora, *Associate Professor, Director, Alcoholism and Substance Abuse Counseling Program, Behavioral Sciences & Human Services*
B.A., M.A., New Jersey State University

Richard Staum, *Professor, Mathematics & Computer Science*
A.B., A.M., Columbia University, Ph.D., Polytechnic Institute of New York

Barbara Steffen, *Professor, Tourism & Hospitality*
B.A., Dickinson College, M.A., Ed.D., George Washington University

John O. H. Stigall, *Professor, English*
A.B., Dartmouth College, B.A., M.A., Magdalen College, Oxford University, LL.B., Georgetown University, M.A., University of Kansas City, M.A., Ph.D., University of Colorado

C. Frederick Stoerker, *Professor, History, Philosophy & Political Sciences*
A.A., St. Joseph Junior College of Missouri, S.T.B., Boston University, A.B., Baker University, Kansas, Ph.D., Missouri University

Rachel Sturm-Beiss, *Professor, Mathematics & Computer Science*
B.S., Brooklyn College, Ph.D., New York University

Stuart Suss, *Vice President for Academic Affairs and Provost, Professor, History, Philosophy & Political Sciences*
B.A., The City College of New York, M.A., Ph.D., New York University

Samuel A. Taitt, *Professor, Communications & Performing Arts*
B.A., M.F.A., Brooklyn College

Silvea Thomas, *Professor, Co-Director, Community Health Programs, Health, Physical Education & Recreation*
B.A., Open University, England, M.P.H., Ed.D., Columbia University

Elizabeth Tompkins, *Associate Professor, Library*
B.S., Syracuse University, M.S., Pace University, M.L.S., Pratt Institute

Alfredo Torres*, Professor and Director, Health Services Center*
B.S., M.S., Instituto del Carmen, Colombia, Ph.D., Javeriana University, Colombia

Angelo Tripicchio, *Professor, Library*
B.A., Brooklyn College, M.L.S., Queens College, M.A., Long Island University

August Tuosto, *Professor, Marine Education*
B.A., M.A., New York University

Vimla P. Vadhan, *Professor, Behavioral Sciences & Human Services*
B.A., Jai Hind College, India, M.A., Bombay University, India, Ph.D., Syracuse University

Richard Vagge, *Associate Professor, Business*
B.B.A., M.B.A., The City College of New York, C.P.A., State of New York

Margaret Vanderbeek, *Assistant Professor, Nursing*
B.S., Hunter College, M.S., Wagner College

Concetta Vinciguerra-Orsin*i, Assistant Professor, English*
B.A., Brooklyn College, M.A., Long Island University, Ed.D., Teachers College, Columbia University

Robert R. Viscount, *Assistant Professor, English*
A.B., University of the Pacific, Diploma in Education, University of East Africa, M.A., Columbia University

Morton Wagman, *Professor, History, Philosophy & Political Sciences*
B.A., Brooklyn College, M.A., Ph.D., Columbia University

Barbara R. Walters, *Professor, Behavioral Sciences & Human Services*
B.A., Vanderbilt University, M.A., Ph.D., Stony Brook University, SUNY

Delores Washington, *Professor, Nursing*
B.S., Hampton Institute, Division of Nursing, M.Ed., Columbia University, Ed.D., Teachers College, Columbia University, R.N.,State of New York

Bridget Weeks, *Professor and Chairperson, Nursing*
B.S., Hunter College, M.S., Lehman College, Post Master's Certificate, Hunter College

Edward Wiener*, Professor, Business*
B.B.A., St. John's University, M.A., New School for Social Research, C.P.A., State of New York

Walter Weintraub, *Professor, Business*
B.S., M.B.A., New York University

Barbara Weiserbs, *Associate Professor, Behavioral Sciences & Human Services*
B.A., M.S., Brooklyn College, Ph.D., New York University

S. Tara Weiss, *Associate Professor, English*
B.A., Brooklyn College, M.A., Ph.D., CUNY Graduate Center

Judith Wilde, *Professor, Art*
B.F.A., M.F.A., School of Visual Arts, M.A., Goddard College
B.A., Talladega College, M.A., Brooklyn College

Eric Willner, *Professor, Student Development*
B.A., M.S., Yeshiva University, Ph.D., New York University

Anne Winchell, *Professor, Student Development*
B.A., William Smith College, M.A., New York University, Ph.D., Fordham University

Jack S. Wolkenfeld, *Professor, English*
B.A., Brooklyn College, M.A., Ph.D., Columbia University

Harvey A. Yablonsky, *Professor, Physical Sciences*
B.S., M.A., Brooklyn College, M.S., Ph.D., Stevens Institute of Technology

Marvin Yanofsky, *Associate Professor, Business*
B.A., Brooklyn College, M.A., Yeshiva University

William C. Yenna, *Professor, Business*
B.A., Brooklyn College, M.A., New York University

Merrill Youkeles, *Professor, Behavioral Sciences & Human Services*
B.A., Brooklyn College, M.S.W., University of Pennsylvania,
Ed.D., Teachers College, Columbia University

Zev Zahavy, *Professor, English*
B.A., M.H.L., Ph.D., Yeshiva University

Jorge Zamudio, *Assistant Professor, Director Surgical Technology, Allied Health, Mental Health and Human Services*
B.S., Bloomfield College, M.S., Nyack College

Arthur N. Zeitlin, *Professor, Biological Sciences*
B.S., Long Island University, Ed.D., Teachers College, Columbia University

Michael Zibrin, *Professor, Business*
A.A., Chicago City College, A.B., M.B.A., University of Chicago,
Ed.D., Rutgers University

Nikola Zlatar, *Assistant Professor, Health, Physical Education & Recreation*
B.S., M.A., New York University

Notifications, Policies and Rules and Regulations

Notice of Access to Campus Crime Statistics, the Campus Security Report, and Information on Registered Sex Offenders

In accordance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, all institutions of post-secondary education that participate in federal student aid programs must publish and disseminate an annual security report containing information about crime on and around the campus. The most recent version of Kingsborough Community College's Annual Security Report is available on the college's website, under the Office of Public Safety and Security, at

https://www.kbcc.cuny.edu/campus_security/clery.html

or by going to the Public Safety office in the Kibbee Library, second floor, L-202.

Upon request, the Office of Public Safety will provide a hard copy of the College's campus crime statistics, mailed to the individual requesting the report within 10 days of the request.

The U.S. Department of Education's website address for campus crime statistics is

http://ope.ed.gov/Security/GetOneInstitutionData.aspx

In accordance with the federal Campus Sex Crimes Prevention Act, registered sex offenders now are required to register the name and address of any college at which he or she is a student or employee. The New York State Division of Criminal Justice maintains a registry of convicted sex offenders and informs the college's chief security officer of the presence on campus of a registered sex offender as a student or employee. To obtain information about Level 3 registered sex offenders on campus contact the Division's registry website at

http://www.criminaljustice.ny.gov/nsor/

and then click on "Search for Level 3 Sex Offenders" or access the directory at the College's Public Safety Office or police precinct.

To obtain information about Level 2 offenders, contact the Public Safety Office, local police precinct in which the sex offender resides or attends college, or call the Division's sex offender registry at 1-800-262-3257.

Notification of Student Immunization Requirements

Information regarding New York State Public Health Laws 2165 and 2167 can be located in this catalog under *Health Regulations*.

Notification under FERPA of Student Rights Concerning Education Records and Directory Information

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. See Section "6" below on your right to prevent the disclosure of directory information. The FERPA rights of students are:

(1) The right to inspect and review your education records. Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. If the records are not maintained by the college official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed. All requests shall be granted or denied in writing within 45 days of receipt. If the request is granted, you will be notified of the time and place where the records may be inspected. If the request is denied or not responded to within 45 days, you may appeal to the college's FERPA appeals officer. Additional information regarding the appeal procedures will be provided to you if a request is denied.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. You may ask the college to amend a record that you believe is inaccurate or misleading. You should write to the college official responsible for the record, clearly identify the part of the record you want changed, and specify why it is inaccurate or misleading.

If the college decides not to amend the record as requested by you, the college will notify you of the decision and advise you of your right to a hearing before the college's FERPA appeals officer regarding the request for amendment. Additional information regarding the hearing procedures will be provided to you when notified of your right to a hearing.

(3) The right to consent to disclosure of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to college officials with legitimate educational interests.

A college official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position, a person or company with whom the University has contracted, a person serving on the Board of Trustees, or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another college official in performing his or her tasks. A college official has a legitimate educational interest if access is

reasonably necessary in order to perform his/her instructional, research, administrative or other duties and responsibilities.

Upon request, the college discloses education records without consent to officials of another college or school in which a student seeks or intends to enroll.

(4) You may appeal the alleged denial of FERPA rights to the:

General Counsel and Vice Chancellor for Legal Affairs
The City University of New York
205 East 42nd Street, 11th Floor
New York, NY 10017

(5) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the college to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, D.C. 20202-5920

(6) **Directory Information:** The college will make the following "directory information" concerning current and former students available to parties having a legitimate interest in the information: name, attendance dates (semesters and sessions, not daily records), photograph, 8-digit student ID number (but only if the identifier cannot be used to gain access to education records except when used in conjunction with one or more factors that authenticate the user's identity), enrollment status (full or part-time, undergraduate or graduate, etc.) address, telephone number, date and place of birth, photograph, e-mail address, full- or part-time status, enrollment status (undergraduate, graduate, etc.), level of education (credits completed), degree enrolled for and major field of study, participation in official recognized activities and sports (teams), height and weight (for members of athletic teams only), degrees, honors, and awards received. A current and former student's address, email address, and telephone number constitute directory information but disclosure of this information can only be made to employees of the University and its constituent colleges for the purpose of conducting legitimate University business, and cannot be shared with individuals and organizations outside the University. By filing a form with the Registrar's Office, you may request that any or all of this directory information not be released without your prior written consent. This form is available in the Registrar's Office and may be filed, withdrawn, or modified at any time.

If you do not want your information disclosed, complete the prevent disclosure of directory information form and return it to the Registrar's Office, A-101.

Disclosure without prior consent: FERPA permits (and sometimes requires) the disclosure of PII from students' education records, without consent, if the disclosure meets certain conditions found in the FERPA regulations. Except for disclosures to school officials, disclosures related to

some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, § 99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures.

In addition to school officials with legitimate educational interests and officials at certain other schools, the college may, consistent with more detailed guidance and limitations from FERPA, disclose PII from the education records without obtaining prior written consent —

- To the U. S. Comptroller General, Attorney General, or Secretary of Education
- To certain State and Local educational authorities.
- In connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs.
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, the amount of the aid, or the conditions of the aid, or to enforce the terms and conditions of the aid.
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction.
- To accrediting organizations to carry out their accrediting functions.
- To the student's parents if the student is a dependent for IRS tax purposes.
- To comply with a judicial order or lawfully issued subpoena.
- To appropriate officials in connection with a health or safety emergency.
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense.
- To the general public, the final results of a disciplinary proceeding, if the college determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and has committed a violation of the college's policies with respect to these allegation.
- To parents of a student under age 21 regarding the student's violation of any law or college rule governing the use or possession of alcohol or a controlled substance if the college determines the student committed a disciplinary violation.

For further information regarding FERPA, go to *https://www.cuny.edu/wp-content/uploads/sites/4/page-assets/about/administration/offices/legal-affairs/policies-resources/FERPA-2.pdf.*

CUNY Office of the General Council, July 2019

Freedom of Information Law Notice

Requests to inspect public records at the college should be made to the Records Access Officer - Executive Legal Counsel and Labor Designee, A-226, at 2001 Oriental Boulevard, Brooklyn, New York, 11235-2398, 718- 368-5109, foil.request@kbcc.cuny.edu. You have a right to appeal a denial of a request for access to records to the CUNY General Counsel and Vice Chancellor for Legal Affairs, 205 East 42nd Street, 11th Floor, New York, NY 10017.

Further details of the Freedom of Information Law are available at the *New York State Committee on Open Government Website*. Additional information regarding FOIL at CUNY can be found here: https://www.cuny.edu/foil/.

Title I, Article 5, Section 224-A of New York State Education Law

Religious Holidays and Observance

1. No person shall be expelled from or be refused admission as a student to an Institution of Higher Education for the reason that he/she is unable, because of religious beliefs, to attend classes or to participate in any examination, study or work requirements on a particular day or days.
2. Any student in an Institution of Higher Education who is unable, because of religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each Institution of Higher Education to make available to each student who is absent from school, because of religious beliefs, an equivalent opportunity to make up any examination, study or work requirements which may have been missed because of such absence on any particular day or days. No fees of any kind shall be charged by the Institution for making available to the said student such equivalent opportunity.
4. If registration, classes, examinations, study or work requirements are held on Friday after four o'clock post meridian or on Saturday, similar or makeup classes, examinations, study or work requirements shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements held on other days.
5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each Institution of Higher Education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of availing him/herself of the provisions of this section.
6. Any student, who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the Supreme Court of the County in which such Institution of Higher Education is located for the enforcement of rights under this section.

   6a. It shall be the responsibility of the administrative officials of each Institution of Higher Education to give written notice to students of their rights under this section, informing them that each student who is absent from school, because of his or her religious beliefs, must be given an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to such student such equivalent opportunity.

7. As used in this section, the term "institution of higher education" shall mean any institution of higher education, recognized and approved by the Regents of the University of the State of New York, which provides a course of study leading to the granting of a postsecondary degree or diploma. Such term shall not include any institution which is operated, supervised, or controlled by a church or by a religious or denominational organization whose educational purposes are principally designed for the purpose of training ministers or other religious functionaries or for the purpose of propagating religious doctrines. As used in this section, the term "religious belief" shall mean beliefs associated with any corporation organized and operated exclusively for religious purposes, which is not qualified for tax exemption under section 501 of the United States Code.

CUNY Policy on Academic Integrity

Academic dishonesty is prohibited in The City University of New York. Penalties for academic dishonesty include academic sanctions, such as failing or otherwise reduced grades, and/or disciplinary sanctions, including suspension or expulsion.

Academic integrity is at the core of a college or university education. Faculty assign essays, exams, quizzes, projects, and so on both to extend the learning done in the classroom and as a means of assessing that learning. When students violate the academic integrity policy (i.e., "cheat"), they are committing an act of theft that can cause real harm to themselves and others including, but not limited to, their classmates, their faculty, and the caregivers who may be funding their education. Academic dishonesty confers an unfair advantage over others, which undermines educational equity and fairness. Students who cheat place their college's accreditation and their own future prospects in jeopardy.

1. Definitions and Examples of Academic Dishonesty

1.1 **Cheating** is the unauthorized use or attempted use of material, information, notes, study aids, devices, artificial intelligence (AI) systems, or communication during an academic exercise. Examples of cheating include:

- Copying from another person or from a generative AI system or allowing others to copy work submitted for credit or a grade. This includes uploading work or submitting class assignments or exams to third party platforms and websites beyond those assigned for the class, such as commercial homework aggregators, without the proper authorization of a professor. Any use of generative AI tools must be in line with the usage policy for specific assignments as defined in the course of the syllabus and/or communicated by the course instructor.
- Using artificial intelligence tools to generate content for assignments or exams, including but not limited to language models or code generators, without written authorization from the instructor.
- Unauthorized collaboration on assignments or examinations.

- Taking an examination or completing an assignment for another person, or asking or allowing someone else to take an examination or complete an assignment for you, including exams taken on a home computer.
- Submitting content generated by another person or an AI tool or any other source as solely your own work as your own, including, but not limited to, material obtained in whole or in part from commercial study or homework help websites, or content generated or altered by AI or digital paraphrasing tools without proper citation.
- Fabricating and/or falsifying data (in whole or in part).
- Giving assistance to acts of academic misconduct/dishonesty.
- Altering a response on a previously graded exam or assignment and then attempting to return it for more credit or a higher grade without permission from the instructor.
- Submitting substantial portions of a paper or assignment to more than one course for credit without permission from each instructor.
- Unauthorized use during an examination of notes, prepared answers, or any electronic devices such as cell phones, computers, smart watches, or other technologies to copy, retrieve, generate, or send information.

1.2 **Plagiarism** is the act of presenting ideas, research or writing that is not your own as your own. Examples of plagiarism include:

- Copying another person's or an AI tool's actual words or images without the use of quotation marks and citations attributing the words to their source.
- Presenting another person's ideas or theories in your own words without acknowledging the source.
- Failing to acknowledge collaborators on homework and laboratory assignments.
- Internet plagiarism, including submitting downloaded term papers or parts of term papers, paraphrasing or copying information from the internet without citing the source, or "cutting & pasting" from various sources without proper attribution.
- Unauthorized use of AI-generated content; or use of AI-generated content, whether in whole or in part, even when paraphrased, without citing the AI as the source.

1.3 **Obtaining Unfair Advantage** is any action taken by a student that gives that student an unfair advantage in his/her academic work over another student, or an action taken by a student through which a student attempts to gain an unfair advantage in his or her academic work over another student. Examples of obtaining unfair advantage include:

- Stealing, reproducing, circulating or otherwise gaining advance access to examination materials.
- Depriving other students of access to library materials by stealing, destroying, defacing, or concealing them.

- Retaining, using or circulating examination materials which clearly indicate that they should be returned at the end of the exam.
- Intentionally obstructing or interfering with another student's work.

1.4. **Falsification of Records and Official Documents**
Examples of falsification include:

- Forging signatures of authorization.
- Falsifying information on an official academic record.
- Falsifying information on an official document such as a grade report, letter of permission, drop/add form, ID card, or other college document.
- Falsifying medical documentation that has a bearing on campus access or the excuse of absences or missed examinations and assignments.

2. **Methods for Promoting Academic Integrity**

2.1. The CUNY Policy on Academic Integrity and, if applicable, the college's procedures implementing the Policy, shall be posted on each college's website with a link provided in the Learning Management System (LMS) shell. It is recommended that the link also be included in each course syllabus. Orientation sessions for all new faculty (full- and part-time) and students shall incorporate a discussion of academic integrity.

2.2. All college catalogs, student handbooks, faculty handbooks, and college websites shall include the CUNY Policy on Academic Integrity and, if applicable, college procedures implementing the policy and the consequences of not adhering to the Policy.

2.3. Each college shall subscribe to an electronic plagiarism detection service and shall notify students of the fact that such a service is available for use by the faculty. Colleges shall make faculty aware of the availability of such services and faculty should inform students of their use.

3. **Reporting**

3.1. Each college's president shall appoint an Academic Integrity Officer in consultation with the elected faculty governance leader. The Academic Integrity Officer shall serve as the initial contact person with faculty members when they report incidents of suspected academic dishonesty. The Academic Integrity Officer may be the college's Student Conduct Officer, another student affairs official, an academic affairs official, or a tenured faculty member. Additional duties of the Academic Integrity Officer are described in Sections 4.1, 4.2.1, 4.2.2, 4.3 and 4.4.

3.2. A faculty member who suspects that a student has committed a violation of the CUNY Academic Integrity Policy shall review with the student the facts and circumstances of the suspected violation whenever feasible. Thereafter, a faculty member who concludes that there has been an incident of academic dishonesty sufficient to affect the student's final course grade shall report such incident on a Faculty Report Form in substantially the same

format as the sample annexed to this Policy and shall submit the Form to the college's Academic Integrity Officer, copying his/her Department Chair. Each college shall use a uniform form throughout the college, which shall contain, at a minimum, the name of the instructor, the name of the student, the course name and number, the date of the incident, an explanation of the incident and the instructor's contact information. All instances of academic dishonesty that are reported to the Academic Integrity Officer shall be recorded for documentation and tracking purposes.

3.3. The Academic Integrity Officer shall update the Faculty Report Form after a suspected incident has been resolved to reflect that resolution. Unless the resolution exonerates the student, as described in Section 4.4, the Academic Integrity Officer of each college shall place the Form in a confidential academic integrity file created for each student alleged to have violated the Academic Integrity Policy and shall retain each Form for the purposes of identifying repeat offenders, gathering data, and assessing and reviewing policies. Unless they exonerate the student, written decisions on academic integrity matters after adjudication also shall be placed in the student's academic integrity file. The Academic Integrity Officer shall be responsible for maintaining students' academic integrity files.

4. **Procedures for Imposition of Sanctions**

4.1. *Determination on Academic vs. Disciplinary Sanction*

The Academic Integrity Officer shall determine whether to seek a disciplinary sanction in addition to an academic sanction. In making this determination, the Academic Integrity Officer shall consult with the faculty member who initiated the case and may consult with student affairs and/or academic affairs administrators as needed. Before determining which sanction(s) to seek, the Academic Integrity Officer also shall consult the student's confidential academic integrity file, if any, to determine whether the student has been found to have previously committed a violation of the Academic Integrity Policy, the nature of the infraction, and the sanction imposed or action taken. Prior violations include both violations at the student's current college and violations that occurred at any other CUNY college. In making the determination on prior violations, the Academic Integrity Officer shall determine whether the student previously attended any other CUNY colleges and, if so, shall request and be given access to the academic integrity file, if any, at such other CUNY colleges.

The Academic Integrity Officer should seek disciplinary sanctions only if (i) there is a substantial violation; (ii) the student has previously violated the Policy; or (iii) academic sanctions may not be imposed because the student has timely withdrawn from the applicable course. Examples of substantial violations include but are not limited to: forging a grade form or a transcript; stealing an examination from a professor or a university office; having a substitute take an examination or taking an examination for someone else; having someone else write a paper for the student or writing a paper for another student; generating entire assignments or exam responses using AI without authorization; sabotaging another student's work through actions that prevent or impede

the other student from successfully completing an assignment; and violations committed by a graduate or professional student or a student who will seek professional licensure. The college also should consider any mitigating circumstances in making this determination.

4.2. *Procedures in Cases Involving Only Academic Sanctions*

4.2.1. Student Admits to the Academic Dishonesty and Does Not Contest the Academic Sanction.

If a faculty member wishes to seek only an academic sanction (i.e., a reduced grade) and the student does not contest either their guilt or the particular reduced grade the faculty member has chosen, then the student shall be given the reduced grade, unless the Academic Integrity Officer decides to seek a disciplinary sanction. The reduced grade may apply to the particular assignment as to which the violation occurred or to the course grade, at the faculty member's discretion. A reduced grade may be an "F" or another grade that is lower than the grade that the student would have earned but for the violation. The faculty member shall inform the Academic Integrity Officer of the resolution via email and the Officer shall update the applicable Faculty Report Form to reflect that resolution.

4.2.2. Student Admits to the Academic Dishonesty but Contests the Academic Sanction.

In a case where a student admits to the alleged academic dishonesty but contests the particular academic sanction imposed, the student may appeal the academic sanction through the college's grade appeal process. The student shall be allowed, at a minimum, an opportunity to present a written position with supporting evidence. The committee reviewing the appeal shall issue a written decision explaining the justification for the academic sanction imposed.

4.2.3. Student Denies the Academic Dishonesty.

In a case where a student denies the academic dishonesty, a fact-finding determination shall be made, at each college's option, by an Academic Integrity Committee established by the College's governance body or by the Student-Faculty Disciplinary Committee established under Article XV of the CUNY Bylaws. Each college's Academic Integrity Committee shall adopt procedures for hearing cases. (If a college opts to use its Student-Faculty Disciplinary Committee for this purpose, that Committee shall use Article XV procedures.) These procedures, at a minimum, shall provide a student with (i) written notice of the charges against them; (ii) the right to appear before the Committee; and (iii) the right to present witness statements and/or to call witnesses. Those procedures also shall provide the faculty member with the right to make an appearance before the Committee and/or present supporting documents. The Committee may request the testimony of any witness and may permit any such witness to be questioned by the student and by the

administrator presenting the case. Academic Integrity Committees and Student-Faculty Disciplinary Committees, as applicable, shall issue written decisions and send copies of their decisions to the college's Academic Integrity Officer. The Academic Integrity Officer may not serve on a college's Academic Integrity Committee.

4.3. *Procedures in Cases Involving Disciplinary Sanctions.*

If the college decides to seek a disciplinary sanction, the case shall be processed under Article XV of the CUNY Bylaws. If the case is not resolved through mediation under Article XV, it shall be heard by the college's Faculty-Student Disciplinary Committee.

If the college seeks to have both a disciplinary and an academic sanction imposed, the college shall proceed first with the disciplinary proceeding and await its outcome before addressing the academic sanction. The student's grade shall be held in abeyance by using the PEN grade established for this purpose, pending the Committee's action. If the Faculty-Student Disciplinary Committee finds that the alleged violation occurred, then the faculty member may reflect that finding in the student's grade. The student may appeal the finding in accordance with Article XV procedures and/or may appeal the grade imposed by the faculty member in accordance with section 4.2.2. If the Faculty-Student Disciplinary Committee finds that the alleged violation did not occur, then no sanction of any kind may be imposed.

Where a matter proceeds to the Faculty-Student Disciplinary Committee, the Academic Integrity Officer shall promptly report its resolution to the faculty member and file a record of the resolution in the student's confidential academic integrity file, unless, as explained below, the suspected violation was held to be unfounded.

4.4. *Required Action in Cases of No Violation.*

If either the Academic Integrity Committee or the Faculty-Student Disciplinary Committee finds that no violation occurred, the Academic Integrity Officer shall remove all material relating to that incident from the student's confidential academic integrity file and destroy the material.

5. **Implementation**

Each college, shall implement this Policy and may adopt its own more specific procedures to implement the Policy. Colleges' procedures must be consistent with the policy and procedures described in the Policy

CUNY BOT adopted a revised "Policy on Academic Integrity" on June 27, 2011, which went into effect on July 1, 2011 (6.27.2011.Cal.5.L). Amended and replaced on June 27, 2022. (6.27.2022. No. 4.F.)

Rules and Regulations for the Maintenance of Public Order

(Henderson Rules)

The tradition of the university as a sanctuary of academic freedoms and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedom; the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures or interference. These freedoms can flourish only in an atmosphere of mutual respect, civility and trust among teachers and students, only when members of the university community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the university campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends or who violate the norms of conduct established to protect that freedom. Against such offenders, the university has the right, and indeed the obligation to defend itself. Therefore, the following rules and regulations are in effect at Kingsborough Community College and will be administered in accordance with the requirements of the process as provided in the Bylaws of CUNY's Board of Trustees.

To enforce these rules and regulations the Bylaws of CUNY's Board provides that:

The President, with respect to this education unit, shall:

a. Have the affirmative responsibility of conserving and enhancing the education standards of the college and schools under his jurisdiction;
b. Be the advisor and executive agent to the Board and of his respective College Committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the Bylaws, resolutions and policies of any of its committees and the policies, programs and lawful resolutions of the several faculties;
c. Exercise general superintendence over the concerns, officers, employees and students of his education unit.

Rules

1. A member of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. Nor shall he/she interfere with the institutions educational process or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
2. Individuals are liable for failure to comply with lawful directions issued by representatives of the university/college when they are acting in their official capacities. Members of the academic community are required to show their identification cards when requested to do so by an official of the college.

3. Unauthorized occupancy of university/college facilities or blocking access to or from such areas is prohibited. Permission from appropriate college authorities must be obtained for removal, relocation and use of university/ college equipment and/or supplies.
4. Theft from or damage to university/college premises is prohibited.
5. Each member of the academic community, or an invited guest, has the right to advocate his position without having to fear abuse, physical, verbal, or otherwise from others supporting conflicting points of view. Members of the academic community and other persons on the college grounds, shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrated against, or spectators.
6. Action may be taken against any and all persons who have no legitimate reason for their presence on any campus within the college, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of their rights or interferes with the institution's educational process or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
7. Disorderly or indecent conduct on college-owned or controlled properties is prohibited.
8. No individual shall have in his possession a rifle, shotgun or firearm, or knowingly have in his possession any other dangerous instrument or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the college without the written authorization of such educational institution. Nor shall any individual have in his possession any other instrument or material which can be used and is intended to inflict bodily harm on an individual or damage upon a building or the grounds of the college.
9. Any action or situation which recklessly or intentionally endangers mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation into or affiliation with any organization is prohibited.
10. The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by University students or employees on university/college premises, or as part of any university or college activities is prohibited. Employees of the University must also notify the College Personnel Director of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such conviction.
11. The unlawful possession, use, or distribution of alcohol by students or employees on University/college premises or as part of any University/college activities is prohibited.

In addition to Henderson Rules, student conduct and discipline is governed by Article XV of the Bylaws of The City University of New York. Students are urged to familiarize themselves with the content of the Article. Copies of the Bylaws are available in the Library. They are printed in the Student Handbook as are the rules and regulations pertaining to Sexual Harassment.

Penalties

1. Any student engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be subject to the following range of sanctions as hereafter defined in the attached

Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection, and/or arrest by the civil authorities.

2. Any tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of the City University of New York or suspension with/without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection and/or arrest by the civil authorities, and, for engaging in any manner in conduct prohibited under substantive rule 10, may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program. A tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff charged with engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be entitled to be treated in accordance with applicable provisions of the Education Law, or the Civil Service Law, or the applicable collective bargaining agreement, or the Bylaws or written policies of The City University of New York.
3. Any visitor, licensee, or invitee, engaging in any manner in conduct prohibited under substantive Rules 1–11 shall be subject to ejection, and/or arrest by the civil authorities.
4. Any organization which authorized the conduct prohibited under substantive Rules 1-11 shall have its permission to operate on campus rescinded.

Penalties 1-4 shall be in addition to any other penalty provided by the law or The City University Trustees.

Sanctions Defined

A. **ADMONITION:** An oral statement to the offender that University rules have been violated.
B. **WARNING:** Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may be cause for more severe disciplinary action.
C. **CENSURE:** Written reprimand for violation of a specified regulation, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any university regulation within a period stated in the letter of reprimand.
D. **DISCIPLINARY PROBATION:** Exclusion from participation in privileges or extracurricular university activities as set forth in the notice of disciplinary probation for a specified period of time.
E. **RESTITUTION:** Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.
F. **SUSPENSION:** Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.
G. **EXPULSION:** Termination of student status for an indefinite period. The conditions of readmission, if any is permitted, shall be stated in the order of expulsion.
H. **COMPLAINT TO CIVIL AUTHORITIES.**
I. **EJECTION.**

Adopted by the Board of The City University of New York, June 23, 1969, as amended on October 27, 1980, May 22, 1989, and June 25, 1990.

Policies on Equal Opportunity, Nondiscrimination and Affirmative Action

Information regarding these policies can be located in this catalog under Equal Opportunity, Non-Discrimination and Affirmative Action - Previous and Equal Opportunity, Non-Discrimination and Affirmative Action.

Admission of Students Who May Pose a Risk to a College

The College reserves the right to deny admission to any student if in its judgment, the presence of that student on campus poses an undue risk to the safety or security of the college or the college community. That judgment will be based on an individualized determination taking into account any information the college has about the crime committed by the student and the particular circumstances of the college, including the presence of a child care center, summer camp, public school or public school students on campus. In addition, the college may consider factors such as the amount of time since the crime was committed, the amount of jail time served by the student, the number of years the student was on probation or parole, whether the student has satisfied probation or parole requirements at the time of the student's application, whether the student has completed drug, alcohol, sex offender or other treatment, and what work or educational experience the student has had after the conviction. Finally, if the student is known to have been assisted by a CUNY-sponsored or other re-entry program or initiative, the college will consult with a counselor or representative with said program.

CUNY Tobacco-free Policy

Effective September 4, 2012, the following shall be prohibited at The City University of New York: (1) the use of tobacco on all grounds and facilities under CUNY jurisdiction, including indoor locations and outdoor locations such as playing fields, entrances, and exits to buildings, and parking lots, (2) tobacco industry promotions, advertising, marketing, and distribution of marketing materials on campus properties, and (3) tobacco industry sponsorship of athletic events and athletes. This policy applies to all tobacco products including chew tobacco and e-cigarettes.

Procedures for Handling Student Complaints about Faculty Conduct in Academic Settings

1. Introduction. The University and its Colleges have a variety of procedures for dealing with student related issues, including grade appeals, academic integrity violations, student discipline, disclosure of student records, student elections, sexual harassment complaints, disability accommodations, and discrimination. One area not generally

covered by other procedures concerns student complaints about faculty conduct in the classroom or other formal academic settings. The University respects the academic freedom of the faculty and will not interfere with it as it relates to the content or style of teaching activities. Indeed, academic freedom is and should be of paramount importance. At the same time the University recognizes its responsibility to provide students with a procedure for addressing complaints about faculty treatment of students that are not protected by academic freedom and are not covered by other procedures. Examples might include incompetent or inefficient service, neglect of duty, physical or mental incapacity and conduct unbecoming a member of the staff.

2. Determination of Appropriate Procedure. If students have any question about the applicable procedure to follow for a particular complaint they should consult with the chief student affairs officer. In particular, the chief student affairs officer should advise a student if some other procedure is applicable to the type of complaint the student has.
3. Informal Resolution. Students are encouraged to attempt to resolve complaints informally with the faculty member or to seek the assistance of the department chairperson or campus ombudsman to facilitate informal resolution.
4. Formal Complaint. If the student does not pursue informal resolution, or if informal resolution is unsuccessful, the student may file a written complaint with the department chairperson or, if the chairperson is the subject of the complaint, with the academic dean or a senior faculty member designated by the college president. (This person will be referred to below as the "Fact Finder.")
    A. The complaint shall be filed within 30 calendar days of the alleged conduct unless there is good cause shown for delay, including but not limited to delay caused by an attempt at informal resolution. The complaint shall be as specific as possible in describing the conduct complained of.
    B. The Fact Finder shall promptly send a copy to the Faculty member about whom the complaint is made, along with a letter stating that the filing of the complaint does not imply that any wrongdoing has occurred and that a faculty member must not retaliate in any way against a student for having made a complaint. If either the student or the faculty member has reason to believe that the department chairperson may be biased or otherwise unable to deal with the complaint in a fair and objective manner, he or she may submit to the academic dean or the senior faculty member designated by the college president a written request stating the reasons for that belief; if the request appears to have merit, that person may, in his or her sole discretion, replace the department chairperson as the Fact Finder.
    C. The Fact Finder shall meet with the complaining student and faculty member, either separately or together, to discuss the complaint and to try to resolve it. The Fact Finder may seek the assistance of the campus ombudsman or other appropriate person to facilitate informal resolution.
    D. If resolution is not possible, and the Fact Finder concludes that the facts alleged by the student, taken as true and viewed in the light most favorable to the student, establish that the conduct complained of is clearly protected by academic freedom, he or she shall issue a written report dismissing the complaint and setting forth the reasons for dismissal and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. Otherwise, the Fact Finder shall conduct an investigation. The Fact Finder

shall separately interview the complaining student, the faculty member and other persons with relevant knowledge and information and shall also consult with the chief student affairs officer and, if appropriate, the college ombudsman. The Fact Finder shall not reveal the identity of the complaining student and the faculty member to others except to the extent necessary to conduct the investigation. If the Fact Finder believes it would be helpful, he or she may meet again with the student and faculty member after completing the investigation in an effort to resolve the matter. The complaining student and the faculty member shall have the right to have a representative (including a union representative, student government representative or attorney) present during the initial meeting, the interview and any post-investigation meeting.

E. In cases where there is strong preliminary evidence that a student's complaint is meritorious and that the student may suffer immediate and irreparable harm, the Fact Finder may provide appropriate interim relief to the complaining student pending the completion of the investigation. The affected faculty member may appeal such interim relief to the chief academic officer.

F. At the end of the investigation, the Fact Finder shall issue a written report setting forth his or her findings and recommendations, with particular focus on whether the conduct in question is protected by academic freedom, and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. In ordinary cases, it is expected that the investigation and written report should be completed within 30 calendar days of the date the complaint was filed.

5. Appeals Procedure. If either the student or the faculty member is not satisfied with the report of the Fact Finder, the student or faculty member may file a written appeal to the chief academic officer within 10 calendar days of receiving the report. The chief academic officer shall convene and serve as the chairperson of an Appeals Committee, which shall also include the chief student affairs officer, two faculty members elected annually by the faculty council or senate and one student elected annually by the student senate. The Appeals Committee shall review the findings and recommendations of the report, with particular focus on whether the conduct in question is protected by academic freedom. The Appeals Committee shall not conduct a new factual investigation or overturn any factual findings contained in the report unless they are clearly erroneous. If the Appeals Committee decides to reverse the Fact Finder in a case where there has not been an investigation because the Fact Finder erroneously found that the alleged conduct was protected by academic freedom, it may remand to the Fact Finder for further proceedings. The committee shall issue a written decision within 20 calendar days of receiving the appeal. A copy of the decision shall be sent to the student, the faculty member, the department chairperson and the president.
6. Subsequent Action. Following the completion of these procedures, the appropriate college official shall decide the appropriate action, if any, to take. For example, the department chairperson may decide to place a report in the faculty member's personnel file or the president may bring disciplinary charges against the faculty member. Disciplinary charges may also be brought in extremely serious cases even though the college has not completed the entire investigative process described above; in that case, the bringing of disciplinary charges shall automatically suspend that process. Any action

taken by a college must comply with the bylaws of the University and the collective bargaining agreement between the University and the Professional Staff Congress.

7. Campus Implementation. Each campus shall implement these procedures and shall distribute them widely to administrators, faculty members and students and post them on the college website.

Policy 5.20 from the *CUNY Manual of General Policy*

CUNY Bylaws Article XV Students

Preamble Section 15.0

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Student participation, responsibility, academic freedom, and due process are essential to the operation of the academic enterprise. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth.

Freedom to learn and to explore major social, political, and economic issues are necessary adjuncts to student academic freedom, as is freedom from discrimination, as set forth in the university's non-discrimination policy.

Freedom to learn and freedom to teach are inseparable facets of academic freedom. The concomitant of this freedom is responsibility. If members of the academic community are to develop positively in their freedom, if these rights are to be secure, then students should exercise their freedom with responsibility.

Conduct Standard Defined Section 15.1

Each student enrolled or in attendance in any college, school or unit under the control of the board and every student organization, association, publication, club or chapter shall obey (1) the laws of the city, state and nation; (2) the bylaws and resolutions of the board, including the rules and regulations for the maintenance of public order pursuant to Article 129-a of the education law ("Henderson Rules"); and (3) the governance plan, policies, regulations, and orders of the college.

Such laws, bylaws, resolutions, policies, rules, regulations and orders shall, of course, be limited by the right of students to the freedoms of speech, press, assembly and petition as construed by the courts.

Student Organizations Section 15.2

a. Any group of students may form an team (excluding intercollegiate athletics), student media/publications, organization, association, club or chapter by filing with the duly elected student government organization of the college or school at which they are enrolled in or in attendance and with an officer to be designated by the chief student affairs officer of the college

or school at which they are enrolled in or in attendance (1) the name and purposes of the organization, association, club or chapter, (2) the names and addresses of its president and secretary or other officers corresponding in function to president and secretary.

The board recognizes that students have the right to free expression and association. At the same time, the board strongly believes that respect for all members of the university's diverse community is an essential attribute of a great university and requires viewpoint neutrality in recognition of student teams, student media/publications, organizations, associations, clubs or chapters.

Each student leader and officer of student organizations recognized by or registered with the institution, as well as those seeking recognition by the institution, must complete training on domestic violence, dating violence, stalking, and sexual assault prevention and on CUNY's Policy on Sexual Misconduct prior to the organization receiving recognition or registration.

b. Extra-curricular activities at each college or school shall be regulated by the duly elected student government organization to insure the effective conduct of such college or school as an institution of higher learning and for the prevention of activities which are hereafter proscribed or which violate the standards of conduct of the character set forth in Bylaw 15.1. Such powers shall include:

1. The power to charter or otherwise authorize teams (excluding intercollegiate athletics), student media/publications, organizations, associations, clubs or chapters, and, when appropriate in the exercise of such regulatory power, the power to refuse, suspend or revoke any charter or other authorization for cause after hearing on notice. All such decisions must be based upon viewpoint neutral criteria as detailed in the Fiscal Accountability Handbook and must be based upon the written submissions of the student team, publication, organization, association, club or chapter, which will describe its intent to conduct activities for the benefit of students. ii. All decisions declining a charter or authorization must be in writing and are appealable to the college or school's chief student affairs officer or designee, who shall render a final written decision on the appeal. iii. Appeals must be based upon one or both of the following two grounds: the denial was arbitrary and capricious or discriminated against the applicant based upon viewpoint.
2. The power to delegate responsibility for the effective implementation of its regulatory functions hereunder to any officer or committee which it may appoint.

c.1. Any person or organization affiliated with the college may file a complaint with the chief student affairs officer if there is reason to believe that a student organization has violated any of the standards of conduct set forth in Section 15.1 above. The chief student affairs officer shall promptly notify the affected organization, investigate any complaint and report the results of that investigation along with a recommendation for appropriate action to the complainant and the student government which shall take action as it deems appropriate, except that in the case of a complaint against the student government itself, the chief student affairs officer shall report the results of the investigation and the recommendation for appropriate action directly to the president.

c.2. The complainant or any student organization adversely affected pursuant to paragraph c. 1. above may appeal to the president. The president may take such action as he or she deems appropriate, and such action shall be final.

d. Each college shall establish a student elections review committee in consultation with the various student governments. The student elections review committee shall approve the election procedures and certify the results of elections for student governments, and student body referenda. Decisions of the student elections review committee may be appealed to the college president, whose decision shall be final. An appeal from the decision of the student elections review committee must be made in writing to the President within ten (10) calendar days of the decision. The President shall consult with the student elections review committee and render a decision as expeditiously as possible which may affirm, reverse, or modify the decision of the student elections review committee.

e. Student government elections shall be scheduled and conducted, and newly elected student governments shall take office, in accordance with policies of the board, and implementing regulations.

The University Student Senate Section 15.3

There shall be a university student senate responsible, subject to the board of trustees, for the formulation of university-wide student policy relating to the academic status, role, rights and freedoms of the student. The authority and duties of the university student senate shall not extend to areas of interest which fall exclusively within the domain of the student governments of the constituent units of the university. Consistent with the authority of the board of trustees in accordance with the education law and the bylaws of the board of trustees, the university student senate shall make its own bylaws providing for the election of its own officers, the establishment of its own rules and procedures, for its internal Administration and for such other matters as is necessary for its existence. The university student senate shall have the full rights and responsibilities accorded student organizations as provided in these bylaws. The delegates and alternate delegates to the university student senate shall be elected by their respective constituencies or by their student governments from the elected members of the respective student governments.

Student Disciplinary Procedures Section 15.4

Complaint Procedures

a. A University student, employee, organization, department or visitor who believes she/he is the victim of a student's misconduct (hereinafter "complainant") may make a charge, accusation, or allegation against a student (hereinafter "respondent") which if proved, may subject the respondent to disciplinary action. Such charge, accusation, or allegation must be communicated to the chief student affairs officer of the college the respondent attends.

b. The chief student affairs officer of the college or her or his designee shall conduct a preliminary investigation in order to determine whether disciplinary charges should be preferred. The chief student affairs officer or her or his designee shall advise the respondent of the allegation against her or him, explain to the respondent and the complainant their rights, consult with other parties who may be involved or who have information regarding the incident, and review other relevant evidence. The preliminary investigation shall be concluded within thirty (30) calendar days of the filing of the complaint, unless: (i) said complaint involves two or more complainants or respondents; or (ii) said complaint involves a matter that is also under investigation by law enforcement authorities. In those cases, the preliminary investigation shall be completed within sixty (60) calendar days. Further, if the matter has been previously investigated pursuant to the Board of Trustees Policy on Sexual Misconduct, the chief student affairs officer shall dispense with a preliminary investigation and rely on the report completed by the Title IX Coordinator. Following the completion of the preliminary investigation, the chief student affairs officer or designee shall take one of the following actions:
    i. Dismiss the matter if there is no basis for the allegation(s) or the allegation(s) does not warrant disciplinary action. The individuals involved shall be notified that the complaint has been dismissed;
    ii. Refer the matter to mediation (except in cases involving allegations of sexual assault, stalking or other forms of sexual violence); or
    iii. Prefer formal disciplinary charges.
c. In cases involving the CUNY Policy on Sexual Misconduct, both the Complainant and Respondent may be accompanied by an advisor of their choice (including an attorney) who may assist and advise throughout the entire process, including all meetings and hearings. Advisors may represent a party and fully participate at a hearing, but may not give testimony as a witness.
d. In the event that a respondent withdraws from the college after a charge, accusation or allegation against a respondent has been made, and the college prefers formal disciplinary charges, the respondent is required to participate in the disciplinary hearing or otherwise to resolve the pending charges and shall be barred from attending any other unit of the university until a decision on the charges is made or the charges are otherwise resolved. Immediately following the respondent's withdrawal, the college must place a notation on her/his transcript that she/he "withdrew with conduct charges pending." If the respondent fails to appear, the college may proceed with the disciplinary hearing in absentia, and any decision and sanction shall be binding, and the transcript notation, if any, resulting from that decision and penalty shall replace the notation referred to above.

Mediation Conference

e. The college may offer the respondent and the complainant the opportunity to participate in a mediation conference prior to the time the disciplinary hearing takes place in an effort to resolve the matter by mutual agreement (except in cases involving sexual assault, stalking and other forms of sexual violence). The conference shall be conducted by a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference:

1. An effort shall be made to resolve the matter by mutual agreement through such process as the mediator deems most appropriate; provided, however, that the complainant must be notified of her/his right to end the mediation at any time.
2. If an agreement is reached, the faculty or staff member conducting the conference shall report her/his recommendation to the chief student affairs officer for approval and, if approved, the complainant and the respondent shall be notified, and a written memorandum shall be created memorializing the resolution and any consequences for non-compliance.
3. If no agreement is reached within a reasonable time, or if the respondent fails to appear, the faculty or staff member conducting the conference shall refer the matter back to the chief student affairs officer who may prefer disciplinary charges, or, if charges have been preferred, proceed to a disciplinary hearing.
4. The faculty or staff member conducting the mediation conference is precluded from testifying at a college hearing regarding information received during the mediation conference, or presenting the case on behalf of the college.

Notice of Hearing and Charges

f. Notice of the charge(s) and of the time and place of the hearing shall be personally delivered to the respondent, or sent by certified or overnight mail and email to the address appearing on the records of the college. Notice shall also be sent in a similar manner to the complainant to the extent the charges relate to her/him. The chief student affairs officer is also encouraged to send the notice of charges to any other e-mail addresses that he or she may have for the respondent and the complainant. The hearing shall be scheduled within a reasonable time following the filing of the charges or the mediation conference. Notice of at least seven (7) calendar days shall be given to the respondent in advance of the hearing unless the respondent consents to an earlier hearing. The respondent is permitted one (1) adjournment as of right. Additional requests for an adjournment must be made at least five (5) calendar days prior to the hearing date, and shall be granted or denied at the discretion of the chairperson of the faculty-student disciplinary committee. If the respondent fails to respond to the notice, appear on the adjourned date, or request an extension, the college may proceed in absentia, and any decision and sanction shall be binding.
g. The notice shall contain the following:
    1. A complete and itemized statement of the charge(s) being brought against the respondent including the rule, bylaw or regulation she/he is charged with violating, and the possible penalties for such violation.
    2. A statement that the respondent and the complainant have the right to attend and participate fully in the hearing including the right:
        i. to present their side of the story;
        ii. to present witnesses and evidence on their behalf;
        iii. to cross-examine witnesses presenting evidence;
        iv. to remain silent without assumption of guilt; and
        v. to be assisted or represented by an advisor or legal counsel at their expense; if the respondent or the complainant request it, the college shall assist in finding a legal counsel or advisor.

3. A warning that anything the respondent says may be used against her/him at a non-college hearing

h. At least five (5) calendar days prior to the commencement of a student disciplinary hearing, the college shall provide the respondent and the complainant and/or their designated representative, with similar and timely access to review any documents or other tangible evidence that the college intends to use at the disciplinary hearing, consistent with the restrictions imposed by Family Educational Rights and Privacy Act ("FERPA"). Should the college seek to introduce additional documents or other tangible evidence during, or some time prior to, the disciplinary hearing, the respondent and the complainant shall be afforded the opportunity to review the additional documents or tangible evidence. If during the hearing the complainant or the respondent submits documentary evidence, the chairperson may, at the request of any other party grant an adjournment of the hearing as may be necessary in the interest of fairness to permit the requesting party time to review the newly produced evidence.

Admission and Acceptance of Penalty Without Hearing:

i. At any time after receiving the notice of charges and hearing but prior to the commencement of a disciplinary hearing, the respondent may admit to the charges and accept the penalty that the chief student affairs officer or designee determines to be appropriate to address the misconduct. This agreed upon penalty shall be placed on the respondent's transcript consistent with subparagraphs q(19) and (20) herein. Before resolving a complaint in this manner, the chief student affairs officer must first consult with the complainant and provide the complainant an opportunity to object to the proposed resolution, orally and/or in writing. If a resolution is reached over the complainant's objection, the chief student affairs officer or designee shall provide the complainant with a written statement of the reasons supporting such resolution, and the complainant may appeal the decision to enter into the resolution to the president.

Emergency Suspension:

j. The president or her/his designee may in emergency or extraordinary circumstances, temporarily suspend a student pending an early hearing as provided in this bylaw section 15.4. to take place within not more than twelve (12) calendar days, unless the student requests an adjournment. Such suspension shall be for conduct which impedes, obstructs, impairs or interferes with the orderly and continuous administration and operation of any college, school, or unit of the university in the use of its facilities or in the achievement of its purposes as an educational institution. Prior to the commencement of a temporary suspension of a student, the college shall give the student oral notice (which shall be confirmed via email to the address appearing on the records of the college) or written notice of the charges against her/him and, if she/he denies them, the college shall forthwith give the student an informal oral explanation of the evidence supporting the charges and the student may present informally her/his explanation or theory of the matter. When a student's presence poses a continuing danger to person or property or an ongoing threat of disrupting the academic process, notice and opportunity for denial and explanation may follow suspension, but shall be given as soon as feasible thereafter. The

complainant shall be notified in the event that an emergency suspension is imposed against a student, and/or when the suspension is subsequently lifted to the extent that the suspension involves the complainant in the same manner notice is given to the student.

Faculty-Student Disciplinary Committee Structure

k. Each faculty-student disciplinary committee shall consist of two (2) faculty members or one (1) faculty member and one (1) member of the Higher Education Officer series (HEO), and two (2) members and a chairperson, who shall be a faculty member. A quorum shall consist of the chairperson and any two (2) members, one of whom must be a student. Hearings shall be scheduled promptly (including during the summers) at a convenient time and efforts shall be made to insure full student and faculty representation.

l. The president shall select in consultation with the head of the appropriate campus governance body or where the president is the head of the governance body, its executive committee, three (3) members of the faculty of that college to receive training upon appointment and to serve in rotation as chairperson of the disciplinary committee. The following schools shall be required to select two (2) chairpersons: CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism. If none of the chairpersons appointed from the campus can serve, the president, at her/his discretion, may request that a chairperson be selected by lottery from the entire group of chairpersons appointed by other colleges. The chairperson shall preside at all meetings of the faculty-student disciplinary committee and decide and make all rulings for the committee. She/he shall not be a voting member of the committee but shall vote in the event of a tie.

m. The faculty members shall be selected by lot from a panel of six (6) elected biennially by the appropriate faculty body from among the persons having faculty rank or faculty status. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) faculty members The HEO members shall be selected by lot from a panel of six (6) HEOs appointed biennially by the president. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) HEOs. The student members shall be selected by lot from a panel of six (6) elected annually in an election in which all students registered at the college shall be eligible to vote. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of of Journalism shall be required to select four (4) students. In the event that the student or faculty panel or both are not elected, or if more panel members are needed, the president shall have the duty to select the panel or panels which have not been elected. No individuals on the panel shall serve on the panel for more than four (4) consecutive years. Notwithstanding the above, in cases of sexual assault, stalking and other forms of sexual violence, the president shall designate from the panels one (1) chairperson, two (2) faculty/HEO members, and two (2) students, who shall be specially trained on an annual basis, and who shall constitute the faculty-student disciplinary committee in all such cases.

n. In the event that the chairperson cannot continue, the president shall appoint another chairperson. In the event that a seat becomes vacant and it is necessary to fill the seat to continue the hearing, the seat shall be filled from the respective faculty, HEO, or student panel by lottery.
o. Each academic year, the chief student affairs officer, or her or his designee, shall appoint/identify one or more college employees to serve as presenters for the hearings. This list shall be forwarded to the Office of the Vice Chancellor for Student Affairs, and the Office of the General Counsel and Sr. Vice Chancellor for Legal Affairs prior to the first day of the academic year.
p. Persons who are to be participants in the hearings as witnesses or have been involved in preferring the charges or who may participate in the appeals procedures or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the committee.

Faculty-Student Disciplinary Committee Procedures

q. The following procedures shall apply to faculty-student disciplinary proceedings:

Hearing

1. The chairperson shall preside at the hearing. The chairperson shall inform the respondent of the charges, the hearing procedures and her or his rights.
2. All faculty student disciplinary committee hearings are closed hearings unless the respondent requests an open public hearing. Notwithstanding such requests, the chairperson shall not permit an open hearing in cases involving allegations of sexual assault, stalking, or other forms of sexual violence. Furthermore, the chairperson has the right to deny the request and hold a closed hearing when an open public hearing would adversely affect and be disruptive to the committee's normal operations. In the event of an open hearing, the respondent must sign a written waiver acknowledging that those present will hear the evidence introduced at the hearing.
3. After informing the respondent of the charges, the hearing procedures, and her or his rights, the chairperson shall ask the respondent to respond. If the respondent admits the conduct charged, the respondent shall be given an opportunity to explain her/his actions before the committee and the college shall be given an opportunity to respond and present evidence regarding the appropriate penalty. If the respondent denies the conduct charged, the college shall present its case. At the conclusion of the college's case, the respondent may move to dismiss the charges. If the motion is denied by the committee, the respondent shall be given an opportunity to present her or his defense.
4. Prior to accepting testimony at the hearing, the chairperson shall rule on any motions questioning the impartiality of any committee member or the adequacy of the notice of the charge(s). Subsequent thereto, the chairperson may rule on the admissibility of the evidence and may exclude irrelevant, unreliable or unduly repetitive evidence. In addition, if any party wishes to question the impartiality of a committee member on the basis of evidence which was not previously available at the inception of the hearing, the chairperson may rule on such a motion. The chairperson shall exclude from the hearing

room all persons who are to appear as witnesses, except the respondent and the complainant.

5. The college shall make a record of each fact-finding hearing by some means such as a stenographic transcript, an audio recording or the equivalent. The college must assign a staff member for each hearing, with the sole responsibility of ensuring that the hearing is recorded in its entirety. No other recording of the proceedings may be permitted. A respondent who has been found to have committed the conduct charged after a hearing is entitled upon request to a copy of such a record without cost upon the condition that it is not to be disseminated except to the respondent's representative or attorney. In the event of an appeal, both the respondent and the complainant are entitled upon request to a copy of such a record without cost, upon the condition that it is not to be disseminated except to their representatives or attorneys.
6. The college bears the burden of proving the charge(s) by a preponderance of the evidence.
7. The role of the faculty-student disciplinary committee is to listen to the testimony, ask questions of the witnesses, review the testimony and evidence presented at the hearing and the papers filed by the parties and render a determination. In the event the respondent is found to have committed the conduct charged, the committee shall then determine the penalty to be imposed.
8. The college, the respondent and the complainant are permitted to have lawyers or other representatives act on their behalf during the pendency of a disciplinary action, which shall include the calling and examining of witnesses, and presenting other evidence. Any party intending to appear with an attorney shall give the other party 5 (five) calendar days' notice of such representation.
9. The chairperson of the faculty-student disciplinary committee retains discretion to limit the number of witnesses and the time of testimony for the presentations by any party and/or their representative.
10. In the event that the respondent is charged with a sexual assault, stalking or other forms of sexual violence, neither the respondent nor the complainant shall be permitted to cross-examine the other directly. Rather, if they wish to, the respondent and the complainant may cross-examine each other only through a representative. If either or both of them do not have a representative, the college shall work with them to find a representative to conduct such cross-examination. In the alternative, either party may provide written questions to the chairperson to be posed to the witness.
11. In a case involving the CUNY Policy on Sexual Misconduct:

a) Evidence of the mental health diagnosis and/or treatment of a party may not be introduced.
b) Evidence of either party's prior sexual history may not be introduced except that (i) evidence of prior sexual history between complainant and respondent is admissible at any stage of the hearing, and (ii) past findings of domestic violence, dating violence, stalking, or sexual assault may be admissible in the stage of that hearing related to penalty

Penalty Phase:

12. If the respondent has been found responsible, then all parties may introduce evidence related to the respondent's character including any past findings of a respondents' responsibility for domestic violence, stalking, or sexual assault or any other sexual violence. The College may introduce a copy of the respondent's previous disciplinary record; including records from any CUNY institution the respondent has attended, where applicable, provided the respondent was shown a copy of the record prior to the commencement of the hearing. The previous disciplinary record shall be submitted to the committee in a sealed envelope, bearing the respondent's signature across the seal, and shall only be opened if the respondent has been found to have committed the conduct charged. The previous disciplinary records, as well as documents and character evidence introduced by the respondent, the complainant, and the college shall be opened and used by the committee for dispositional purposes, i.e., to determine an appropriate penalty if the charges are sustained. The complainant and respondent may also provide or make an impact statement. Such evidence and impact statements shall be used by the committee only for the purpose of determining an appropriate penalty if the charges are sustained.

Decision:

13. The committee shall deliberate in closed session. The committee shall issue a written decision, which shall be based solely on the testimony and evidence presented at the hearing and the papers filed by the parties.
14. The respondent shall be sent a copy of the faculty-student disciplinary committee's decision within seven (7) calendar days of the conclusion of the hearing, by regular mail and e-mail to the address appearing on the records of the college. In cases involving two or more complainants or respondents, the respondent shall be sent a copy of faculty-student disciplinary committee's decision within fourteen (14) calendar days of the conclusion of the hearing. The chief student affairs officer is also encouraged to send the decision to any other e-mail address that he or she may have for the respondent. The decision shall be final subject to any appeal. In cases involving a crime of violence or a nonforcible sex offense, as set forth in FERPA, the complainant shall simultaneously receive notice of the outcome of the faculty-student disciplinary committee's decision as it relates to the offense(s) committed against the complainant, in the same manner as notice is given to the respondent.
15. When a disciplinary hearing results in a penalty of dismissal or suspension for one term or more, the decision is a university-wide penalty and the respondent shall be barred from admission to, or attendance at, any other unit of the university while the penalty is being served.

Appeals:

16. A respondent or a complainant may appeal a decision of the faculty-student disciplinary committee to the president on the following grounds: (i) procedural error, (ii) newly discovered evidence that was not reasonably available at the time of the hearing, or (iii) the disproportionate nature of the penalty. The president may remand for a new

hearing or may modify the penalty either by decreasing it (on an appeal by the respondent) or increasing it (on an appeal by the complainant). If the president is a party to the dispute, her/his functions with respect to an appeal shall be discharged by an official of the university to be appointed by the chancellor or her or his designee. If the penalty after appeal to the president is one of dismissal for one term or more, a respondent or a complainant may appeal to the board committee on student affairs and special programs. The board may dispose of the appeal in the same manner as the president.

17. An appeal under this section shall be made in writing within fifteen (15) calendar days after the delivery of the decision appealed from. This requirement may be waived in a particular case for good cause by the president or the board committee as the case may be. Within three (3) calendar days of the receipt of any appeal, either to the president or the board committee on student affairs and special programs, the non-appealing party shall be sent a written notice of the other party's appeal. In addition, the respondent and/or the complainant shall have the opportunity to submit a written opposition to the other party's appeal within fifteen (15) calendar days of the delivery of the notice of receipt of such appeal.
18. The president shall decide and issue a decision within fifteen (15) calendar days of receiving the appeal or within fifteen (15) calendar days of receiving papers in opposition to the appeal, whichever is longer. The board committee shall decide and issue a decision within five (5) calendar days of the meeting at which it hears the appeal.

Notations on Transcripts

19. In cases in which a respondent has been found responsible for a Clery Act reportable crime of violence, the college must place a notation on her/his transcript stating that she/he was suspended or expelled after a finding of responsibility for a code of conduct violation. In all other cases, the college must place a notation of the findings and penalty on a respondent's transcript unless a mediation agreement, under subparagraph e(2) herein, the determination of the chief student affairs officer or designee under subparagraph I herein, the committee's decision under subparagraph q(13) herein, or the decision on any appeal under subparagraphs q(16)-(18) herein expressly indicate otherwise.
20. A notation of expulsion after a respondent has been found responsible for a Clery Act reportable crime of violence shall not be removed. In all other cases, a notation of expulsion, suspension or any lesser disciplinary penalty shall be removed, as a matter of right, upon the request of the respondent to the Chief Student Affairs Officer made, four years after the conclusion of the disciplinary proceeding or one year after the conclusion of any suspension, whichever is longer. If a finding of responsibility for any violation is vacated for any reason, any such notation shall be removed.

Action By The Board Of Trustees Section 15.5

Notwithstanding the foregoing provisions of this article, the board of trustees reserves full power to suspend or take other appropriate action against a student or a student organization for conduct which impedes, obstructs, or interferes with the orderly and continuous administration and

operation of any college, school, or units of the university in the use of its facilities or in the achievement of its purposes as an educational institution in accordance with procedures established by the board of trustees.

College Governance Plans Section 15.6

The provisions in a duly adopted college governance plan shall not be inconsistent with the provisions contained in this article.

CUNY Policy on Drugs and Alcohol

The City University of New York ("CUNY") is an institution committed to promoting the physical, intellectual, and social development of all individuals. As such, CUNY seeks to prevent the abuse of drugs and alcohol, which can adversely impact performance and threaten the health and safety of students, employees, their families, and the general public. CUNY complies with all federal, state, and local laws concerning the unlawful possession, use, and distribution of drugs and alcohol

Federal law requires that CUNY adopt and implement a program to prevent the use of illicit drugs and abuse of alcohol by students and employees. As part of its program, CUNY has adopted this policy, which sets forth (1) the standards of conduct that students and employees are expected to follow; (2) CUNY sanctions for the violation of this policy; and (3) responsibilities of the CUNY colleges/units in enforcing this policy. CUNY's policy also (1) sets forth the procedures for disseminating the policy, as well as information about the health risks of illegal drug and alcohol use, criminal sanctions for such use, and available counseling, treatment, or rehabilitation programs, to students and employees; and (2) requires each college to conduct a biennial review of drug and alcohol use and prevention on its campus.

This policy applies to all CUNY students, employees and visitors when they are on CUNY property, including CUNY residence halls, as well as when they are engaged in any CUNY-sponsored activities off campus.

CUNY Standards of Conduct

The unlawful manufacture, distribution, dispensation, possession, or use of drugs or alcohol by anyone, on CUNY property (including CUNY residence halls), in CUNY buses or vans, or at CUNY-sponsored activities, is prohibited. In addition, CUNY employees are prohibited from illegally providing drugs or alcohol to CUNY students. Finally, no student may possess or consume alcoholic beverages in any CUNY residence hall, regardless of whether the student is of lawful age, except for students living in the Graduate School and University Center's graduate housing facilities who may lawfully possess and consume alcoholic beverages. For purposes of this policy, a CUNY residence hall means a residence hall owned and/or operated by CUNY, or operated by a private management company on CUNY's behalf.

In order to make informed choices about the use of drugs and alcohol, CUNY students and employees are expected to familiarize themselves with the information provided by CUNY about the physiological, psychological, and social consequences of substance abuse.

CUNY Sanctions

Employees and students who violate this policy are subject to sanctions under University policies, procedures and collective bargaining agreements, as described below. Employees and students should be aware that, in addition to these CUNY sanctions, the University will contact appropriate law enforcement agencies if they believe that a violation of the policy should also be treated as a criminal matter.

Students

Students are expected to comply with the CUNY and college policies with respect to drugs and alcohol. Any student found in violation may be subject to disciplinary action under Article 15 of the Bylaws of the Board of Trustees, which may result in sanctions up to and including expulsion from the University.

In addition, any student who resides in a CUNY residence hall and who is found to have violated any CUNY or college policy with respect to drugs and alcohol may be subject to sanctions under the CUNY Residence Hall Disciplinary Procedures, up to and including expulsion from the residence hall.

In lieu of formal disciplinary action, CUNY may, in appropriate cases, seek to resolve the matter through an agreement pursuant to which the student must see a counselor or successfully participate in a drug and alcohol treatment program.

In accordance with the Family Educational Rights and Privacy Act ("FERPA"), CUNY may also choose—when appropriate—to contact parents or legal guardians of students who have violated the CUNY policy on drugs and alcohol.

Employees

Any employee found to have violated this CUNY policy may be subject to disciplinary action, in accordance with the procedures set forth in applicable CUNY policies, rules, regulations, and collective bargaining agreements. Sanctions may include a reprimand, suspension without pay, or termination of employment. In lieu of formal disciplinary action, CUNY may, in appropriate cases, seek to resolve the matter through an agreement pursuant to which the employee must successfully participate in a drug or alcohol treatment program.

Responsibilities of CUNY Colleges/Units

Each college or unit of the University should make its best efforts to educate employees and students about this policy and the risks associated with the unlawful possession, use, or distribution of illegal drugs and alcohol. The President of each college or unit may choose to ban

alcohol at on-campus functions or at any particular function. This policy, together with information about the health risks of illegal drug and alcohol use, criminal sanctions for such use, and counseling, treatment, or rehabilitation programs available to employees or students, must be distributed annually to all employees and students. The Chief Student Affairs Officer shall be responsible for the distribution of this material to students, and the Director of Human Resources shall be responsible for the distribution of the material to employees.

The Vice President for Administration, or person performing the equivalent function at each college or unit of CUNY, shall be responsible for conducting a biennial review to determine the effectiveness of CUNY's drug and alcohol program at its college or unit, and to ensure that sanctions for drug and alcohol violations are consistently enforced. Upon completion, the biennial review must be sent to the University's Executive Vice Chancellor and Chief Operating Officer. This biennial review must include the number of drug and alcohol-related violations and fatalities that occur on the college's campus or as part of the college's activities, as well as the number and type of sanctions imposed as a result of drug and alcohol-related violations and fatalities that occur at the college as part of its activities.

Adopted by CUNY Board of Trustees: June 22, 2002 and amended on May 2, 2011
(BOT May 2, 2011 Calendar Minutes: Item # 5.A.)

CUNY Drug/Alcohol Use Amnesty Policy

The City University of New York's ("CUNY's ") Drug/Alcohol Use Amnesty Policy has two principal purposes. First, it is intended to encourage students to seek medical assistance related to drug and/or alcohol use without fear of being disciplined for such use. Because the use of drugs or alcohol may be life-threatening, CUNY wishes to reduce barriers to seeking and receiving medical help in those situations. Second, CUNY wishes to encourage students under the influence of drugs and/or alcohol who may be the victims of, witnesses to, or otherwise become aware of violence (including but not limited to domestic violence, dating violence, stalking, or sexual assault) or sexual harassment or gender-based harassment to report that violence or harassment. Toward that end, CUNY's Policy is that students who seek medical assistance either for themselves or others and/or are reporting violence or harassment will not be subject to discipline under the circumstances described below.

I. Students who in good faith call for medical assistance for themselves or others and/or who receive medical assistance as a result of a call will not be disciplined for the consumption of alcohol (either if underage or if consumed in a CUNY-owned or operated residence hall or facility where alcohol consumption is prohibited) or drugs as long as there are no other violations that ordinarily would subject the student to disciplinary action. Similarly, students who may be the victims of, witnesses to, or otherwise become aware of violence or sexual harassment or gender-based harassment and who report such violence or harassment will not be disciplined for the consumption of alcohol or drugs in the absence of other violations that ordinarily would subject the student to disciplinary action. Other violations that would invoke discipline include but are not limited to (i) unlawful distribution of alcohol or drugs; (ii) sexual misconduct, as defined

in CUNY's Policy on Sexual Misconduct; (iii) causing or threatening physical harm; (iv) causing damage to property; (vi) hazing.

II. The students involved will be encouraged to complete alcohol and/or drug education activities, assessment, and/or treatment, to be determined by the individual campuses or units of CUNY with which the students are affiliated. If repeated incidents of alcohol or drug use are involved, there may be issues of medical concern, which may result in parental notification, medical withdrawal, and/or other non-disciplinary responses.

III. CUNY's Policy is intended both to implement Article 129-B of the Education Law (which mandates drug and alcohol amnesty for reporters of violence) and to complement New York State's Good Samaritan Law, which is designed to encourage individuals to call 911 in the event of an alcohol or drug-related emergency. Generally, the Good Samaritan Law protects persons who witness or suffer from a medical emergency involving drugs or alcohol from being arrested or prosecuted for drug or underage alcohol possession after they call 911. It does not protect against arrest or prosecution for other offenses, such as the sale of drugs.

For more information on New York's Good Samaritan Law, see N.Y. Public Health L. §§ 3000-a, 3000-b, 3013 (McKinney 2000); see also NY State Assembly website database of law.

Approved by the Board of Trustees on 6/30/2014, Cal. No 7D and effective date of 7/1/2014 as 'Medical Amnesty-Good Samaritan Policy.' Amended and change to 'Drug and Alcohol Use Amnesty Policy' on 10/1/2015. Cal. No. 6D.

Special COVID-19 Flexible Grading Policy for the Spring 2020 Term

As part of The City University of New York's response to the COVID-19 pandemic, during the Spring 2020 term, all students shall have the option to convert any or all of the (A-F) letter grades they earn in their classes, to Credit/No Credit (CR/NC) grading. https://www.cuny.edu/coronavirus/credit-no-credit-policy/

1. During the Spring 2020 term, all students shall have the option to convert any or all of the (A-F) letter grades, including plus or minus variations, they earn in their classes, to Credit/No Credit grading.

2. Students shall be able to make this decision up to 20 business days after the University's final grade submission deadline. Once selected, the Credit/No Credit option cannot be cannot be reversed.

3. If a student chooses to exercise this option, a passing letter grade (A, B, C, or D including +/-) will convert to 'CR' with credit for the class being awarded, while a failing grade (F) will convert to 'NC', with no credit awarded. Credit/No Credit grades will not impact the student's GPA.

4. Courses taken for a letter grade will continue to be included in the semester and general GPA, while courses taken for a Credit/Non-credit grade will be excluded, just as is the case with such courses taken at a student's home institution.

5. If a student exercises the option of Credit/No Credit, the Credit (CR) grade will not negatively impact the student's satisfactory progress toward degree completion.

6. Students with Credit/No Credit grades will be able to transfer those courses across colleges within CUNY, per current CUNY policy.

7. The Special COVID-19 Flexible Grading Policy shall apply to coursework completed on Permit and will not affect Board of Trustees Policy 1.14 – Policy on Coursework Completed on Permit.

8. Students placed on academic probation by their institution at the start of the Spring 2020 term shall not be penalized with academic dismissal based upon their grades earned this semester.

9. The Special COVID-19 Flexible Grading Policy shall not affect the University standards of student retention and progress in accordance with Board of Trustees Policy 1.26.

10. Before choosing this grading option for one or more of their classes, students shall consult with their academic and financial aid advisors regarding potential impact to their financial aid, licensure requirements, and graduate school admissions.

11. The Special COVID-19 Flexible Grading Policy shall supersede and override all undergraduate and graduate program-level grading policies currently in effect at CUNY colleges and schools, including those related to required and elective courses within the major, minor, general education (Pathways), pre-requisite courses, honors courses, courses taken on permit and maximum number of credits that a student can earn with Credit/No Credit grades.

12. The grade glossary, attached to each transcript, will be updated to include a notation denoting that all Spring 2020 grades, including CR or NC, were earned during a major disruption to instruction as a result of the COVID-19 pandemic.

13. The Special COVID-19 Flexible Grading Policy shall apply to all CUNY colleges and schools, except the School of Law and the School of Medicine, which may develop their own Pass/Fail policies, subject to approval of the Board of Trustees, to conform to norms in legal and medical education.

14. The Special COVID-19 Flexible Grading Policy, which shall be effective April 1, 2020, applies to the Spring 2020 term only and that the Chancellor, may, in his discretion, to meet public health emergency policies and practices, extend this policy to future semesters, if necessary and report such extension to the Board of Trustees immediately.

15. The Special COVID-19 Flexible Grading Policy shall be codified in the Manual of General Policy as Policy 1.4. and cannot be overwritten by any individual units of the University, including presidents, provosts, or college councils.

16. The policy will remain in effect for the Spring 2020 term and will be reviewed by the Chancellor and extended as necessary to meet public health emergency policies and practices.

Special COVID-19 Flexible Grading Policy for the Fall 2020 Term

To provide students with flexibility during the ongoing pandemic, **The City University of New York** has extended the use of the **Credit/No Credit Policy**, originally enacted for the Spring 2020 term, for the Fall 2020 term. To help students continue their academic progress during these challenging times.

The policy will be administered by each of CUNY's twenty-five colleges, *which may alter the policy for college-specific considerations.* See below for Kingsborough's adaptation and implementation of the policy for Fall 2020 (including Winter 2021).

The City University of New York Special COVID-19 Flexible Grading Policy for the Fall 2020 Term:

1. During the Fall 2020 semester, all students enrolled in courses with the CR/NC policy shall have the option to convert some or all of the (B+ through F) letter grades they earn in these classes to Credit/No Credit grading, **as long as the course has not been excluded from the policy for Fall 2020** (Click HERE)
2. Students will be able to make this decision for eligible courses between **December 24, 2020** and **January 12*, 2021 (*See Kingsborough's Implementation of the Credit/No Credit Policy below)**. Once selected, the CR/NC option cannot be reversed. Any changes to the dates of this opt-in window will be communicated in a timely fashion.
3. If a student chooses to exercise this option for an **eligible** course, a passing letter grade (B+ through D-) will convert to 'CR' with credit for the class being awarded, while a failing grade (F) will convert to 'NC', with no credit awarded. Credit/No Credit grades will not impact the student's GPA.
4. Courses taken for a letter grade will continue to be included in the semester and general GPA, while courses taken for a Credit/No Credit grade will be excluded, just as is the case with such courses taken at a student's home institution.
5. If a student exercises the option of Credit/No Credit, the Credit (CR) grade will not negatively impact the student's progress toward degree completion.
6. Students with Credit/No Credit grades will be able to transfer those courses across colleges within CUNY, per current CUNY policy.
7. The Fall 2020 CR/NC Policy shall apply to coursework completed on Permit and will not affect Board of Trustees Policy 1.14 – Policy on Coursework Completed on Permit.

8. Students placed on academic probation by their institution at the start of the Fall 2020 semester who choose Credit/No Credit grades shall not be penalized with academic dismissal based upon their grades earned this semester.
9. The Fall 2020 CR/NC Policy shall not affect the University standards of student retention and progress in accordance with Board of Trustees Policy 1.26.
10. **Before choosing this grading option for one or more of their classes, students shall consult with their academic and financial aid advisors regarding potential impact to their financial aid, licensure requirements, and graduate school admissions.**
11. Except for courses **explicitly excluded** (Click HERE) by a College from application, the policy shall supersede and override all undergraduate and graduate program-level grading policies currently in effect at CUNY colleges and schools, including those related to required and elective courses within the major, minor, general education (Pathways), pre-requisite courses, honors courses, courses taken on permit and maximum number of credits that a student can earn with Credit/No Credit grades.
12. The grade glossary, attached to each transcript, will be updated to include a notation denoting that all Fall 2020 grades, including CR or NC, were earned during a major disruption to instruction as a result of the COVID-19 pandemic.

Additional information concerning the Flexible COVID-19 Flexible Grading Policy - also known as the Credit/No Credit Policy - for the Fall 2020 term can be found at CUNY's Credit/No Credit Policy FAQ site: *https://www.cuny.edu/coronavirus/credit-no-credit-policy/faq/*

Kingsborough Community College's Implementation of the Credit/No Credit Grading Policy for the Fall 2020 (including Winter 2021):

At Kingsborough, for the Fall 2020 A and B (Winter 2021) terms, students have the option to convert earned grades of B+ through D into a Credit (CR) grade and an earned grade of F into a No Credit (NC) grade with the **exception of certain classes excluded from this option due to licensure, accreditation and/or pre-requisite requirements**.

- Students can choose to convert one, some or all of their course grades, as long as the course has **not** been **excluded** from the policy for Fall 2020 (Click HERE for excluded courses).
- Students will be able to make this decision for eligible courses between **December 24, 2020** and **January 27*, 2021** for **Fall 2020 session A**. Once selected, the CR/NC option cannot be reversed. The opt-in window for **Fall 2020 B (Winter 2021)** has not been determined. Any changes to the dates of these opt-in windows will be communicated in a timely fashion.
- **Students applying for entrance into the Nursing or Allied Health Programs, as well as those already enrolled, are strongly encouraged to maintain letter grades in the pre-requisite and required courses (not choose the CR/NC option).** Opting for a CR grade for Fall 2020/Winter 2021 instead of maintaining the letter grade in a course may

impact your ability to meet the expected admission and/or retention criteria of the program.

- Institutions outside of CUNY may choose **not** to award transfer credits as per their individual policy.
- Students who receive a grade of **INC** for courses that are not excluded during Fall 2020/Winter 2021 will have **20 days after the grade has been posted** to change the grade to a CR/NC.
- **International Students** should contact the International Student Affairs Office to explore how using the Credit/No Credit Policy may effect visa status.
- **VA Students** should check with the Military and Veteran Affairs Office at mava.kcc@kbcc.cuny.edu to explore how using the Credit/No Credit Policy may effect benefits.

Additional information regarding Kingsborough Community College's Credit/No Credit Grading Policy can be found at *https://www.kbcc.cuny.edu/Creditnocreditpolicy/index.html.*

Questions regarding the Credit/No Credit Policy should be sent to creditnocredit.policy@kbcc.cuny.edu

Fall 2020 Credit/No Credit Excluded Courses

The Credit/No Credit Policy may NOT be applied to the following classes:

- ACC 1200 - Fundamentals of Accounting II 4 Credit(s)
- BA 2200 - Business Statistics 4 Credit(s)
- BIO 9100 - Biostatistics 4 Credit(s)
- CIS 1200 - Introduction to Operating Systems 3 Credit(s)
- CIS 1500 - Applied Computer Architecture 3 Credit(s)
- CIS 2100 - Introduction to Web Page Development 4 Credit(s)
- CIS 2200 - HTML Authoring and Javascript 4 Credit(s)
- CIS 3100 - Introduction to Database 3 Credit(s)
- CIS 3200 - Advanced Database Programming 4 Credit(s)
- CIS 4500 - Network Server Administration 4 Credit(s)
- CP 500 - Introduction to Computer Programming 4 Credit(s)
- CP 1100 - Introduction to Computers and Computer Applications 4 Credit(s)
- CP 2100 - C++ Programming 1 4 Credit(s)
- CP 2200 - C++ Programming 2 4 Credit(s)
- CP 6200 - Java Programming 2 4 Credit(s)
- CS 1200 - Introduction to Computing 3 Credit(s)
- CS 1400 - Computer Organization and Assembly Language Programming 4 Credit(s)
- CS 3500 - Discrete Structures 3 Credit(s)
- CS 3700 - Data Structures 3 Credit(s)
- CS 1340 - Advanced Programming Techniques 4 Credit(s)
- EMS 100 - Emergency Medical Technician - Basic 5 Credit(s)
- EMS 101 - EMT - Basic Clinical I 1 Credit(s)
- EMS 210 - Paramedic I 7 Credit(s)
- EMS 211 - Paramedic Clinical I 2 Credit(s)
- EMS 220 - Paramedic II 5 Credit(s)
- EMS 221 - Paramedic Clinical II 3 Credit(s)
- EMS 8101 - IS Emergency Medical Service 3 Credit(s)
- MAT 900 - College Algebra 3 Credit(s)
- MAT 1000 - College Trigonometry 3 Credit(s)

- MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics 3 Credit(s)
- MAT 1500 - Calculus I 3 Credit(s)
- MAT 1600 - Calculus II 3 Credit(s)
- MAT 2000 - Elements of Statistics 3 Credit(s)
- MAT 2100 - Calculus III 3 Credit(s)
- MAT 2200 - Business Statistics 4 Credit(s)
- MAT 5500 - Differential Equations 3 Credit(s)
- MAT 5600 - Linear Algebra 3 Credit(s)
- MAT 8132 - IS Introduction to Set Theory 4 Credit(s)
- MAT 9100 - Biostatistics 4 Credit(s)
- MAT B300 - Elementary Algebra II 0 Credit(s)
- MT 3300 - Vessel Technology I 3 Credit(s)
- MT 4600 - Coastal Piloting and Seamanship 4 Credit(s)
- MT 5000 - Introduction to Outboard Motors 2 Credit(s)
- MT 5100 - Introduction to Diesel Engines 2 Credit(s)
- MT 5300 - Fiberglass, Refrigeration and Hydraulic Repairs 2 Credit(s)
- MT 5400 - Low Voltage Electrical Systems 2 Credit(s)
- MT 5500 - Marine Electronics 2 Credit(s)
- MT 5600 - Advanced Outboards 3 Credit(s)
- MT 5700 - Vessel Systems, Theory, Maintenance and Troubleshooting 3 Credit(s)
- NUR 1700 - Calculations for Medication Administration 1 Credit(s)
- NUR 1800 - Fundamentals of Nursing 7 Credit(s)
- NUR 1900 - Family Centered Maternity Nursing 4 Credit(s)
- NUR 2000 - Nursing the Emotionally Ill 4 Credit(s)
- NUR 2100 - Nursing the Ill Adult I 9 Credit(s)
- NUR 2200 - Nursing the Ill Adult II 5 Credit(s)
- NUR 2300 - Nursing of Children 5 Credit(s)
- NUR 2400 - Issues In Nursing 1 Credit(s)
- NUR 2700 - Pathophysiology 3 Credit(s)
- NUR 4500 - Pharmacology in Health and Disease 3 Credit(s)
- NUR 4900 - EKG Rhythm Recognition 3 Credit(s)
- PSG 101 - Neuroscience and Pharmacology in Sleep 4 Credit(s)
- PSG 102 - Foundations of Polysomnography I 3 Credit(s)
- PSG 106 - Classification of Sleep Disorders 3 Credit(s)
- PSG 107 - Cardiopulmonary Physiology in Sleep 3 Credit(s)
- PSG 108 - Clinical Practicum in Sleep Medicine II 6 Credit(s)
- PTA 300 - Foundations of Physical Therapy II 3 Credit(s)

- PTA 400 - Modalities and Procedures I 5 Credit(s)
- PTA 500 - Therapeutic Exercise 5 Credit(s)
- PTA 600 - Clinical Practicum I 3 Credit(s)
- SPE 4000 - Phonetics 4 Credit(s)
- SPE 4100 - Language Development 3 Credit(s)
- ST 300 - Surgical Technology III 3 Credit(s)
- ST 400 - Surgical Procedures 3 Credit(s)
- ST 600 - Professional Strategies for the Surgical Technologist 3 Credit(s)
- ST 4500 - Surgical Pharmacology 3 Credit(s)

The City University of New York and Colleges of the City University of New York

The City University of New York...

which was created by state legislation in 1961, has evolved from a "Free Academy" underwritten by the people of New York City in 1847 into a "public entity" of 11 senior colleges, seven community colleges, the William E. Macaulay Honors College at CUNY, the Graduate School and University Center, the CUNY Graduate School of Journalism, the CUNY School of Law, the CUNY School of Medicine, the CUNY School of Professional Studies, and the CUNY School of Public Health. Article 125 of the New York State Education Law (Sections 6201, et. seq.) establishes The City University of New York as a separate and distinct body, corporate governed by a Board of Trustees. Prior to 1979, the members of this Board were convened as "The Board of Higher Education," which had been established in 1926.

Of the Board's 17 members, 10 are appointed by the Governor, including one from each borough; five are appointed by the Mayor, including one from each borough; and two are elected *ex officio* members: the Chairperson of the University Faculty Senate, who does not vote; and the Chairperson of the University Student Senate, who may vote. In general, the Board sets policy and approves actions of the University, determines the Bylaws of the University, from which all units derive or adopt specific governance structures, and appoints the Chancellor of the University and the presidents of its colleges.

The Chancellor oversees the administration of policies approved by the Board, recommends to the Board policies and actions on all educational activities of the University, and coordinates college matters involving business and financial procedures and management. It is the Chancellor's responsibility as well, with the advice of the Council of Presidents, to prepare the operating and capital budgets of the University for consideration by the Board and presentation to the State and City. Administrative and staff support to these operations of the University, and to the Board, are provided through a structure of Vice Chancelleries and Deanships.

The Council of Presidents of the several colleges is established by the *Bylaws* of the University and is chaired by the Chancellor. The Council not only advises the Chancellor on the budget and on the formulation and revision of a Master Plan for public higher education in the City, but it may recommend directly to the Board in matters concerning the physical and instructional development of the University at large. The President of each college unit is specifically charged with the administration of his or her own institution and in this capacity he or she is responsible directly to the Board.

Within each institution, governance structures are established to meet unique needs and objectives; some of these structures may be at variance with plans called for in the University *Bylaws*, but are permitted by them. Under these *Bylaws*, responsibilities for policy at the college level are shared by the President, the Faculty, and students. The President has affirmative responsibility for conserving and enhancing the educational standards and general academic excellence of the college under his or her jurisdiction and is responsible to the Board as its advisor and executive agent on his or her campus. The President is also directed to consult with

the Faculty, through appropriate bodies, on matters of appointments, reappointments, and promotions. One means of this consultation is provided for in the *Bylaws* through the requirement for a Committee on Faculty Personnel and Budget at each college.

The *Bylaws* reserve to the Faculty of each institution, subject to guidelines established by the Board of Trustees, responsibility for the formulation of policy relating to curriculum, admission and retention of students, credits, attendance, and the granting of degrees.

Recommendations in these matters by a Faculty, Faculty Council, or other organization created under a Board approved college governance plan to represent the Faculty, as provided for in the *Bylaws*, shall be forwarded to the Board by the President.

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