

KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: _____ Date: _____

Title Of Course/Degree/Concentration/Certificate: _____

Change(s) Initiated: (Please check)

- | | |
|---|---|
| <input type="checkbox"/> Closing of Degree | <input type="checkbox"/> Change in Degree or Certificate |
| <input type="checkbox"/> Closing of Certificate | <input type="checkbox"/> Change in Degree: Adding Concentration |
| <input type="checkbox"/> New Certificate Proposal | <input type="checkbox"/> Change in Degree: Deleting Concentration |
| <input type="checkbox"/> New Degree Proposal | <input type="checkbox"/> Change in Prerequisite, Corequisite, and/or Pre/Co-requisite |
| <input type="checkbox"/> New Course | <input type="checkbox"/> Change in Course Designation |
| <input type="checkbox"/> New 82 Course (Pilot Course) | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> Deletion of Course(s) | <input type="checkbox"/> Change in Course Title, Number, Credits and/or Hours |
| | <input type="checkbox"/> Change in Academic Policy |
| | <input type="checkbox"/> Pathways Submission: |
| | <input type="checkbox"/> Life and Physical Science |
| | <input type="checkbox"/> Math and Quantitative Reasoning |
| | <input type="checkbox"/> A. World Cultures and Global Issues |
| | <input type="checkbox"/> B. U.S. Experience in its Diversity |
| | <input type="checkbox"/> C. Creative Expression |
| | <input type="checkbox"/> D. Individual and Society |
| | <input type="checkbox"/> E. Scientific World |
- Change in Program Learning Outcomes
- Other (please describe): _____

PLEASE ATTACH MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

DEPARTMENTAL ACTION

Action by Department and/or Departmental Committee, if required:

Date Approved: _____ Signature, Committee Chairperson: farshad tamari

If submitted Curriculum Action affects another Department, signature of the affected Department(s) is required:

Date Approved: _____ Signature, Department Chairperson: _____

Date Approved: _____ Signature, Department Chairperson: _____

I have reviewed the attached material/proposal

Signature, Department Chairperson: mary Edawson

TO: FALL 2020 Curriculum Committee

FROM: Mary Dawson, Ph.D. Professor and Chair, Department of Biological Sciences

DATE: September 21, 2020

RE: Change Degree Requirements for the A.S. Biology

The Department of Biological Sciences is proposing a change in degree requirements for the A.S. Biology.

Change:

1. Addition of MAT 9B0 – College Algebra for STEM Majors, under Required Core: Mathematics and Quantitative Reasoning (MQR)

Rationale for Change:

These changes are necessary based on the proposed new course, MAT 9B0 – College Algebra for STEM Majors, by the Department of Mathematics and Computer Science to the Fall 2020 Curriculum Committee.

Add/Delete/Change	A.S. BIOLOGY	
	HEGIS: 5604.00	
	PROGRAM CODE: 01039	
	CUNY CORE	CREDITS
	REQUIRED CORE: (4 Courses, 13 Credits)	13
	When Required Core Courses are specified for a category, they are required for the major	
	ENG 1200 - Composition I	3
	ENG 2400 - Composition II	3
	Mathematical & Quantitative Reasoning*:	3
ADD	MAT 9B0 - College Algebra for STEM Majors or	
	MAT 900 - College Algebra	
	Life and Physical Sciences*:	4
	BIO 1300 – General Biology I	
	FLEXIBLE CORE: (6 Courses, 19 Credits)	19
	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	
	B. U.S. Experience In Its Diversity	
	C. Creative Expression	
	D. Individual & Society	
	E. Scientific World*:	
	BIO 1400 – General Biology II (4 crs.)	
	MAT 1400 - Analytic Geometry and Pre-Calculus Mathematics (3 crs.)	
	DEPARTMENT REQUIREMENTS (3 Courses, 11 to 12 Credits)	11 to 12
	CHM 1100 – General Chemistry I	4
	CHM 1200 - General Chemistry II	4
	CP 1100 - Introduction to Computers and Computer Applications (4 crs) or	4 - 3
	BIO/CIS 6000 – Computer Applications in Bioinformatics (3 crs.)	
	CONCENTRATIONS: (2 Courses, 8 Credits)	8
	Select one (1) of the following concentrations:	
	Biology Transfer: (2 Courses, 8 Credits)	8
	Select two (2) of the following Biology Laboratory courses:	
	BIO 2100 - Comparative Anatomy (4 crs.) or	
	BIO 2200 - Developmental Biology (4 crs.) or	
	BIO 5000 - General Microbiology (4 crs.) or	
	BIO 5200 - Marine Biology (4 crs.) or	
	BIO 5300 - Ecology (4 crs.) or	
	BIO 5800 - Recombination DNA Technology (4 crs.) or	
	BIO 5900 – Genetics (4 crs.) or	
	BIO 6500 - Molecular and Cellular Biology (4 crs.)	

	OR	
	Allied Health Transfer (2 Courses, 8 Credits):	8
	BIO 1100 - Human Anatomy and Physiology I (4 crs.)	
	BIO 1200 - Human Anatomy and Physiology II (4 crs.)	
	ELECTIVES: 8 - 9 credits sufficient to meet the required total 60 credits for the degree.	8 - 9
	Allied Health Transfer Option, Suggested Elective:	
	BIO/MAT 9100 – Biostatistics (4 crs.)	
	Transfer to a Physician Assistant Program, Suggested Elective:	
	BIO 5100 – Microbiology in Health and Disease (4 crs.)	
	TOTAL CREDITS: 60	60
	*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.	

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