

Metagenomics and Large Datasets Analysis

NYC is asking: If biotech can make it anywhere, can't it make it here? NYC biotech companies are seeking professionals with Biotechnology skills who understand the science of biotechnology and are able to pioneer new products and services to the consumers. Our certificate-based courses in Biotechnology within the Office of Continuing Education (OCE) at Kingsborough Community College (KCC), provide the mission-critical scientific, technical, and logistical knowledge needed to launch your exciting career in Biotechnology at NYC or anywhere in the world. Do not miss out on this exciting opportunity and build your future career with us at KCC.

* Special Introductory Tuition

CTF 128

Introduction to Git *NEW!* \$150

Tue & Online 11:30am–12:30 pm

(Hybrid/Online)

July 9-Aug 15

(Certificate based course)

Learn how to use Git to manage files and source code. We will look at the fundamental concepts behind all version control systems and then gain an understanding of the architecture that Git uses. We will use Git to track changes to files and source code whether those changes are adding, editing, deleting, or moving files.

CTF 129

Introduction to Docker *NEW!* \$150

Tue & Online 12:40-1:40pm

(Hybrid/Online)

July 9-Aug 15

(Certificate based course)

Docker can simplify the overall application delivery experience by providing a common platform for collaboration. Discover how to get started with Docker, and learn tips and tricks tailored for developers working with the platform.

CTF 125

Metagenomics Discovery Challenge (MDC)

\$325

Tue & Online 1:50-2:50pm

(Hybrid/Online)

July 9-Aug 15

Metagenomics Discovery Challenge (MDC) is a certificate-based course. Students will learn how to use the cross assembly programs and Next Generation Sequencing (NGS), then apply those skills by hunting for new viruses—as well as looking for the genetic hallmarks of antibiotic resistance—in real datasets of DNA. At the end of the semester, students will create a 3-5 minute video using KCC CUNY resources to explain the tools they've learned, the importance of viral discovery and antibiotic resistance, and their discoveries.

Note: This is a hybrid course with most class sessions meeting online via the Blackboard portal. Detailed class session information will be discussed at the first class session meeting on campus.