BIOF 101: Introductory Coding Skills

Computer programming has become an essential part of many different careers, and programming skills are extremely advantageous when applying for educational or employment opportunities. This course will teach students the needed programming skills for success in academic and industrial settings. Students will first learn the basic components of programming, such as variables, conditionals, loops, object oriented programming and simple data structures. Students will also be taught how to properly prepare a computer for efficient and effective programming. Students will then apply basic programming principles by using the Python programming language to complete assignments that reflect real-world tasks. Finally, students will put together a plan for further programming education.

Credits: 0.5
Class Type: Graduate Course
Program: Bioinformatics and Data Science
Availability: Intersession
Session: Session B