R Programming (BIO 232)

Credit Hours: 3

Course Pre-Requisites: None

Instructor: Aziz Mithani

Schedule: Monday to Friday (2.30 PM – 4.30 PM)

Course Description

This hands-on course aims to teach students how to program in R and use it for effective data analysis. Starting from basics including installation and software configuration, this course will teach the students generic programming concepts which are typically used in a high-level statistical language. Specific topics include basic programming in R, reading/write data from text files, functions, and using R packages. Practical examples from biology will be used to demonstrate the use of R for data analysis.