Certificate in Bioinformatics & Computational Biology (BCB) Requirements:

Total credits: 15

CORE COURSES *(all are required)*

BINF 630   Bioinformatics Methods

BINF 631   Molecular Cell Biology for Bioinformatics

BINF 634   Bioinformatics Programming

Total Core Credits   9

ELECTIVE COURSES *(Choose two of the following or other courses approved by the advisor)*

BINF 633   Molecular Biotechnology

BINF 636   Microarray Methodology and Analysis

BINF 639   Introduction to Biometrics

BINF 730   Biological Sequence and Genome Analysis

BINF 731   Protein Structure Analysis

BINF 732   Genomics

BINF 733   Gene Expression Analysis

BINF 734   Advanced Bioinformatics Programming

BINF 739   Topics in Bioinformatics

Total Elective Credits   6

University Catalog AP.6.8: Candidates must have a minimum GPA of 3.00 in coursework presented on the certificate application, which may include no more than 3 credits of C. (Grades of C+, C-, and D do not apply to graduate courses.) The GPA calculation excludes transfer credits.