

Bioinformatics M.S. Degree Sample Degree Plan

The following sample degree plan assumes that the student has completed all the prerequisite courses before starting the program. Otherwise, additional courses would need to be incorporated into the program of study.

Because of the diversity of our student backgrounds, course substitutions are often made to optimize acquisition of new knowledge and development of new skills for each individual. The student should discuss his/her degree plan with the Graduate Advisor when entering the program and update it every subsequent semester while enrolled in the program.

First Semester

BINF 5351 Introduction to Bioinformatics I: Basic Sequence Comparisons
BINF 5110 Biology Seminar for Bioinformatics
MIT 5310 Fundamentals of Computing
STAT 5328 Introduction to Statistical Analysis

Second Semester

BINF 5352 Introduction to Bioinformatics II: Gene Finding and Genomic Comparison
BINF 5112 Computer Science seminar in Bioinformatics
CHEM 5339 Contemporary Topics Biochemistry
MIT 5314 Database Applications

Summer

BINF 5353 Internship in Bioinformatics

Third Semester

BINF 5354 Postgenomic Analysis
BINF 5113 Mathematics seminar in Bioinformatics
BIOL 5340 Structure and Function of Macromolecules
Elective

Fourth Semester

BINF 5341 Analysis and Modeling of Biological Structures
BINF 5111 Chemistry seminar in Bioinformatics
Elective
Elective

Bioinformatics M.S. Degree Plan

Student Name:
UTEP ID:
Date of last update:
Undergraduate Major:
Graduate training/Professional experience:

Semester	Course No.	Title	Grade
Fall			
Spring			
Summer			
Fall			
Spring			
Summer			

Approval: _____ Date: _____
Graduate Advisor

Bioinformatics M.S. Degree Plan (Additional Page)

Student Name:
UTEP ID:

Semester	Course No.	Title	Grade
Fall			
Spring			
Summer			
Fall			
Spring			
Summer			

Approval: _____ Date: _____
Graduate Advisor