

## BIOINFORMATICS MINOR REQUIREMENTS

Requirement Description		Credits
MMG 2040	Intro Molecular Genetics	3-4
or BCOR 2300	Genetics	
MMG 3310	Survey Bioinformatic Databases	3
MMG 3320	Advanced Bioinformatics	3
9 credits from the following courses:		
MMG 2995	Undergraduate Research (Advisor Approval for 2995 or 3995 Required)	
or MMG 3995	Undergraduate Research	
MMG 3330	Genetics and Genomics	
CS 2100	Intermediate Programming	
CS 2240	Data Struc & Algorithms	
CS 3540	Machine Learning	
BME 3340	Computational Systems Biology	
STAT 1870	Intro to Data Science	
STAT 2870	Basics of Data Science	
STAT 3000	Med Biostat&Epidemiology	
STAT 3010	Stat Computing&Data Anlysis	
19 credits of bioinformatics course work		19

## PRE/CO-REQUISITES

Requirement Description		Credits
BIOL 1400	Principles of Biology 1	4
or BIOL 1450	Principles of Biology 2	
or BCOR 1400	Exploring Biology 1	
or BCOR 1450	Exploring Biology 2	
CS 1210	Computer Programming I	3
STAT 1110	Elements of Statistics	3
or STAT 1410	Basic Statistical Methods 1	
or STAT 2430	Statistics for Engineering	