

BIOINFORMATICS MINOR**REQUIREMENTS**

MMG 106	Intr Biomedical Research Meth	3
MMG 231	Bioinformatics&Data Anlysis	3
MMG 232	QR: Advanced Bioinformatics	3
MMG 233	Genetics and Genomics	3
Six credits from the following courses:		
MMG 198	Undergraduate Research	
or MMG 298	Undergraduate Research	
MMG 211	Prokaryotic Molecular Genetics	
CS 124	QR: Data Struc & Algorithms	
CS 254	QR: Machine Learning	
STAT 087	QR: Intro to Data Science	
STAT 200	QR: Med Biostat&Epidemiology	
STAT 201	QR:Stat Computing&Data Anlysis	
18 credits of bioinformatics course work		18

PRE/CO-REQUISITES

BIOL 001	Principles of Biology	4
or BIOL 002	Principles of Biology	
or BCOR 011	Exploring Biology	
or BCOR 012	Exploring Biology	
CS 020	QR: Programming for Engineers	3
or CS 021	QR: Computer Programming I	
STAT 111	QR: Elements of Statistics	3
or STAT 141	QR:Basic Statistical Methods I	
or STAT 143	QR: Statistics for Engineering	