

NAME:

STUDENT

MINOR in BIOINFORMATICS

Course #	Course Name*	Grade	Cr	Notes
PREREQUISITES (8 HRS):				
CIST 1400	Intro to Computer Science I			
BIOL 1450	Biology I			
CORE COURSES (9 HRS):				
BIOI 1000	Intro to Bioinformatics			
BIOI 2000	Foundations of Bioinformatics			
BIOI 3000	Applied Bioinformatics			
ELECTIVE COURSES (9 HRS):				
BIOI 3500	Advanced Bioinformatics Programming			
BIOI 4500**	Independent Study			
BIOL 4050**	Supervised Research in Biology			
BIOI 4860	Bioinformatics Algorithms			
BIOI 4870	Database Search & Pattern Discovery in BIOI			
BIOI 4890	Computerized Genetic Sequence Analysis			
BIOI 4950	Special Topics in Bioinformatics			
BIOI 4970	Senior Project in Bioinformatics I			
BIOI 4980	Senior Project in Bioinformatics II			
BIOL 2140	Genetics			
BIOL 3020	Molecular Biology of the Cell			
BIOL 4130	Molecular Genetics			
BIOL 4140	Cellular Biology			
CSCI 4150	Graph Theory and Applications			
CSCI 4850	Database Management Systems			
Remaining:		26	Compl:	0

Last update: March 2019

This matriculation form corresponds to the 2019-2020 UNO Catalog.

*Students are responsible for completing the prerequisites for all courses taken for the BIOI minor.

**The number of combined credits from BIOI 4500 and BIOL 4050 cannot exceed 3.

All courses must be C- or higher

ID#:

LAST UPDATED:

UNIVERSITY OF NEBRASKA AT OMAHA
SCHOOL OF INFORMATION SCIENCE & TECHNOLOGY