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 Binformatics II			
BIOL 3020	Molecular Biology of the Cell			
BIOL 4130	Molecular Genetics			
BIOL 4140	Cellular Biology			
CSCI/MATH 4150	Graph Theory and Applications			
CSCI 4850	Database Management Systems			
Remaining:	18		**Compl:**	0

Last update: March 2023   This Advising worksheet corresponds to the 2023-2024 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

SITY OF NEBRASKA AT OMAHA
EGE OF INFORMATION SCIENCE & TECHNOLOGY