BIOLOGY

Requirements

Biology is an exciting subject that has applications relevant to all other fields of study at the Institute. Students who are interested in enriching their major area of study with a knowledge of life sciences can do so with the Biology Minor. With proper course selection, the Minor will provide another marketable dimension to any Bachelor of Science degree granted by the Institute.

The Minor in Biology has the following requirements.

1. All students must complete BIO 110 Cell Structure and Function or BIO 130 Evolution & Diversity and four more courses in biology (BIO) or allied areas, above those courses already specifically required to fulfill the student's major, subject to the following requirements:
   a. At least three of the four electives must be BIO courses.
   b. At least three of the electives must be 200-level or above.
2. Students electing to pursue the minor in Biology must follow a plan of study that is approved by the Minor Advisor. Current advisor information and a form for the planning and approval of a minor can be obtained from the BBE Department Secretary.

Allied area courses could include:

Code	Title	Hours
BE 570	Introduction to Tissue Engineering	4
BMTH 310	Mathematical Biology	4
BMTH 311	Systems Biology	4
BMTH 312	Bioinformatics	4
BMTH 413	Computational Biology	4
CE 460	Introduction to Environmental Engineering	4
CHE 545	Introduction to Biochemical Engineering	4
CHEM 330	Biochemistry I	4
CHEM 430	Advanced Biochemistry	4
HUM H239	Introduction to Science, Technology and Society	4
PHIL H402	Philosophy of Science	4
PSYC S410	Computational Psychology	4
MA 482	Biostatistics	4
or BE 482	Biostatistics	
PH 302	Biophysics	4
PHIL H201	Bioethics	4
PSYC S220	Social Psychology	4
PSYC S310	Methods for Studying Human Behavior	4

Additional courses not listed here can be considered on a case-by-case basis.