

BIOLOGY MINOR

BIO

Biology Department

SAMC 166
(716) 878-5203

The Minor in Biology (22 credits) is designed for students majoring in another department who would like to develop an additional focus of study by completing a set of courses in Biology. This option may be appropriate for students in a wide range of fields. Chemistry majors with an interest in biochemistry could profit from more background in cellular and molecular biology. Earth Science majors with an interest in paleobiology could select courses in organismal biology, ecology and evolution. Pre-health students not majoring in Biology can use the Biology Minor as an opportunity to take a coherent set of courses to prepare for entrance exams (e.g. the MCAT). The Biology Minor is also appropriate for students whose major is not in the natural sciences. For example, students interested in careers in technical writing or journalism, or students planning a career as a lawyer specializing in environmental or biotechnology issues could benefit from a minor in Biology.

Program Requirements

Code	Title	Credit Hours
Required Courses (11 credit hours)		
BIO 111	FOUNDATIONS OF BIOLOGY	3
BIO 211	INTRODUCTION TO CELL BIOLOGY AND GENETICS	4
BIO 213	INTRODUCTION TO ECOLOGY, EVOLUTION, AND BEHAVIOR	4
Electives (11 credit hours)		
Eleven additional credits of 300-400 level coursework		11
Total Credit Hours		22

Please note the following restrictions:

1. At least three courses must be taken at Buffalo State.
2. The following cannot be applied to the Biology minor:

Code	Title	Credit Hours
BIO 100	PRINCIPLES OF BIOLOGY	3
BIO 101	HUMAN BIOLOGY	3
BIO 104	ENVIRONMENTAL BIOLOGY	3
BIO 210	MICROBIOLOGY	3

3. Up to 3 credits total of BIO 488 Biology Internship, BIO 495 Special Project, and BIO 499 Independent Study are allowed.
4. A maximum of 1 credit of Biology seminar (BIO 361/BIO 362) is allowed.
5. A maximum of 3 transfer courses (12 credits maximum) will be accepted as part of the Biology minor. The Department Chairperson will judge the acceptability of transfer courses.
6. A student considering the Biology minor should check for prerequisite requirements when planning the program. Prerequisite requirements are listed in the Undergraduate Catalog.