

they have learned, their Christian value system, and the Social Justice teachings of the Catholic Church.

Objectives:

1. The ability to place ourselves in the place of others.
2. The ability to step back and look at the context of human behavior.
3. Ability to analyze the manner in which social problems are often based in the social structure as opposed to individual actions.
4. As a Christian and Catholic school, place the “lens” of the sociological imagination within a Christian context.

### Minor in Anthropology

The Anthropology minor is a multidisciplinary program offered through the Department of Sociology/Anthropology. It emphasizes a more inclusive view of human experience and human endeavor through time. Additionally, course work includes a special emphasis in American Indian cultures, of constitutionally recognized significance in Montana.

#### Minor Program Requirements

Note: Anthropology courses taken for the minor cannot be counted toward the requirements for the major in sociology.

Twenty-two semester credits in anthropology, including:

AN 204	Cultural Anthropology
AN 208	The Family
AN 218	Introduction to Native American Studies
AN 317	Ethnic and Racial Relations
AN 318	American Indians
AN 499	Capstone Thesis (1 cr. project)

Note: Three of the remaining six 6 credits must be upper division (300 and 400 level) courses:

GEOG 202	World Regional Geography
LL 220	Introduction to Linguistics
PHIL 223	Oriental Philosophy
CO 325	Intercultural Communication
ENLT 412	Native American Authors
SO 314	Sociology of Law
SO 351	Medical Sociology

### BIOCHEMISTRY/MOLECULAR BIOLOGY (BMB)

JOHN ADDIS, PH.D.  
SAM ALVEY, PH.D.  
JENNIFER GEIGER, PH.D.  
DAN GRETCH, PH.D.

The Biochemistry/Molecular Biology major program is designed to provide students with the knowledge and skills needed to enter graduate or professional school or to gain employment in their field. Students completing the Biochemistry/Molecular Biology major program are expected to have

- an understanding of the basic principles and concepts of the major field;
- the critical thinking skills needed for solving problems in the field;
- the abilities to evaluate and interpret data and to analyze and synthesize information from different sources;
- a working knowledge of fundamental laboratory techniques and the ability to use them to perform experiments in the field;
- the writing and speaking skills needed to communicate effectively in the field.

### I. Major Program Requirements

Biology Courses

BI 171-172	Biological Principles I & II
BI 281	Genetics
BI 282	Cell Biology
BI XXX	Molecular Biology *
BI 420	Topics in Biological Sciences
BMB 496	Biochemistry/Molecular Biology Senior Seminar *

Chemistry Courses

CH 101-102	General Chemistry
CH 301-302	Organic Chemistry
CH 353-354*	Biochemistry
CH 391	Physical Chemistry

### II. Other Program Requirements

MA 131	Calculus of Single Variable Functions or MA 121-122
	Differential and Integral Calculus
PHYS 205-206	General Physics I and II

Note:

1. Biochemistry/Molecular Biology majors must earn a grade of “C” or better in all major courses (sections I and II above) and must pass prerequisites with a “C” or better to advance to subsequent courses.
3. All degree students should review requirements for graduation as described in this catalog.

\*Pending approval.

### BIOLOGY

JOHN ADDIS, PH.D.  
SAM ALVEY, PH.D.  
JACQUELINE BREHE, PH.D.  
JENNIFER GEIGER, PH.D.  
DAN GRETCH, PH.D.  
D. GRANT HOKIT, PH.D.  
GERALD SHIELDS, PH.D.  
DAVID TRAYNOR, D.V.M.

#### Mission and Goals

The biology major program is designed to provide students with the knowledge and skills needed to enter graduate or professional school or to gain employment in their field. Students completing the major program in biology are expected to have

- an understanding of the basic principles and concepts of the major field;
- the critical thinking skills needed for solving problems in the field;
- the abilities to evaluate and interpret data and to analyze and synthesize information from different sources;
- a working knowledge of fundamental laboratory techniques and the ability to use them to perform experiments in the field;
- the writing and speaking skills needed to communicate effectively in the field.

#### Major in Biology

##### I. Major Program Requirements

BI 171-172	Biological Principles I & II
BI 281	Genetics
BI 282	Cell Biology
BI 420	Topics in Biological Sciences
BI 496	Senior seminar

Three additional upper-division courses from the following list:

BI 305	Microbiology
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