

Biology



Belmont Abbey
COLLEGE

Includes

BI 201 Cell Biology
BI 215 Research
Methods in Biology
BI 231 Organismal
Diversity
BI 300 Genetics
BI 310 or 361 Animal
or Human Physiology
BI 326 OR 403 Plant
Ecology or Ecology
BI 407 and 408
Coordinating
Seminars I, II
CH 105 and 106
General Chemistry I

Program Summary

The Department of Biology offers a B.S. or a B.A. degree for those who seek to major in Biology, and the option of a concentration in environmental science or a minor in Chemistry. Biology majors develop oral and written presentation abilities, and receive academic preparation and skills for entry into graduate and professional programs, and into the workplace.

Beyond the Classroom

Universities that have accepted our recent graduates include:
Appalachian State
University, East Carolina
University, Emory
University, Florida State,
North Carolina State,
Ohio State, Old
Dominion, Oxford,
Sheffield-Hallam,
Shenandoah, University
of Alabama-Birmingham,
University of Kentucky,
USC, U of Utah, VCU,
Winthrop University.

Department Chair

Dr. Heather Ayala
Professor of Biology
heatherayala@bac.edu

Alumni

Where are they now?

Industrial or governmental laboratories in fields such as
Biotechnology or Medical Diagnostics.
Graduate schools for Biology, Public Health or Physical Therapy.
Professional schools for Medicine, Dentistry, Veterinary Medicine,
Law, and Optometry.
Pharmaceutical sales



CURRICULUM CHECK SHEET

MAJOR: BA BIOLOGY

	GRADE	CREDIT
WRITING, 6 HRS		
RH 101 Rhetoric, Logic, Grammar, and Writing I		3
RH102 Rhetoric, Logic, Grammar, and Writing II		3

FIRST-YEAR SYMPOSIUM, 3 HRS		
<i>(for 1st time traditional students or transfers with fewer than 12 credit hours)</i>		
FS101 First Year Symposium		3

QUANTITATIVE REASONING, 3 HRS		
<i>(MA135, 151,152, or any 200-level math course, statistics, or calculus)</i>		

THEOLOGY, 6 HRS		
TH105 Introduction to Scripture		3
TH205 Introduction to Theology		3

PHILOSOPHY, 6 HRS		
* PO211 Classic Texts of Political Philosophy I		3
* PO212 Classic Texts of Political Philosophy II		3

HISTORY, 6 HRS		
HI101 Western Civilization I		3
HI102 Western Civilization II		3

LITERATURE, 6 HRS		
EN211 Literary Classics of the Western Tradition I		3
EN212 Literary Classics of the Western Tradition II		3

FINE ARTS, 3 HRS		
<i>(AR101,102,EN216,TA108,TA110,MU101,OR MU110)</i>		

NATURAL SCIENCES, 8 HRS		
BI101 General Biology		4
SC110 Physical World		4

SOCIAL SCIENCES, 6 HRS		
PO201 The U.S. Constitution		3
PC201/SO201/EC201/CJ201		3

120 SEMESTER HOURS AND A MINIMUM 2.00 GPA REQUIRED FOR GRADUATION.

THE LAST 30 CREDITS OF YOUR DEGREE MUST BE OBTAINED

MAJOR COURSES		
COURSE	GRADE	CREDIT
BI101 Biology		4
BI201 Cell Biology		4
BI215 Research Methods in Biology		3
BI231 Organismal Diversity		4
BI300 Genetics		4
BI310/ BI361 Animal or Human Physiology		4
BI326 Plant Ecology		4
BI403 Ecology		4
BI407 (Senior Year) Coord. Seminars		2
BI408 (Senior Year) Coord. Seminars		2
BI300/400 LEVEL*		4
BI300/400 LEVEL*		4
BI300/400 LEVEL*		4
CH105 GENERAL CHEMISTRY		4
CH106 GENERAL CHEMISTRY		4
PY201 Physics I		4

STANDARDS FOR ADMISSION: TO BE ELIGIBLE FOR ACCEPTANCE INTO BA OR BS DEGREE PROG. A STUDENT MUST HAVE COMPLETED BI101,201,231, AND EARNED A 70 OR BETTER.

GENERAL ELECTIVES, 20-23 HOURS		

GRADUATION REQUIREMENTS		
WRITING INTENSIVE		
COMPUTER COMP/COMPUTER EXAM		

MINOR		
<i>(15 HRS. & 300 OR 400 LEVEL)</i>		

It IS THE STUDENT'S RESPONSIBILITY TO VERIFY THAT ALL DEGREE REQUIREMENTS FOR GRADUATION ARE MET.

* As an alternative to PO211 and 212, students may opt to take the Philosophy sequence per the *Academic Catalogue*.