



STEM DIVISION BIOLOGY

— FOUR-YEAR PLAN —

ABOUT

The SNU Department of Biology offers a broad introduction to modern biology. Our courses range from the cell and molecular level to organismal biology, human biology, and environmental science. The curriculum includes a rigorous supporting background in mathematics, chemistry, and physics. The SNU Department of Biology has an excellent reputation for mentoring and preparing students for graduate and professional programs. Our biology graduates understand that science is a process understood through research and posing questions to nature. They recognize that the study of natural science is an opportunity to learn more about the author and sustainer of creation. Students are encouraged to get involved in research and practical experiences either on the SNU campus or at other collaborating locations. Students can spend a semester studying abroad at SNU's biological field station in Costa Rica, the Quetzal Education Research Center (QERC).

Biology majors are typically interested in a career in the natural sciences, whether that is working with animals, humans, or the natural environment. Many biology major graduates will continue their studies in graduate or professional schools or pursue careers in teaching or research.



DEGREE PLAN

***The courses listed are for this specific program and are in addition to the general education courses required for all students. See the reverse side or go to snu.edu/gen-ed for more information on those courses.*

YEAR 1

Gen Chemistry I + Lab
Gen Chemistry II + Lab
Organismal Biology + Lab
Cells & Systems + Lab
Trigonometry

YEAR 2

Organic Chemistry + Lab
General Ecology + Lab
Microbiology + Lab
Statistics

YEAR 3

Genetics + Lab
Field Biology Elective + Lab
Biology Elective 1
Biology Elective 2

YEAR 4

Origins
Cell & Molecular Biology
Biology Elective 3
Physics + Lab



GENERAL EDUCATION

General Education forms the foundation of every student's academic journey at SNU. As a Christian liberal arts university, we are committed to equipping students with the knowledge, values, and skills essential for their development as both thoughtful Christians and engaged community leaders. Our General Education curriculum is intentionally designed to be both comprehensive and flexible—allowing students to pursue their individual interests while ensuring they graduate prepared for lifelong learning, service, and growth.

The General Education program consists of approximately 51 credit hours that introduce and develop important skills such as the:

- Importance of thinking critically and solving problems
- Ability to communicate effectively
- Appreciation of human creativity
- Importance of science and technology in the 21st century
- Power of social responsibility in our community
- Awareness of global diversity
- Role of our Christian faith in daily life

Students take at least one foundational course and one upper-level windows course in each of these areas.

Central to SNU's mission is the engagement of students in transformational learning experiences designed to explore what it means to seek truth together with a Christ-centered community of scholars.

YEAR 1

- Composition I & Composition II
- Introduction to Speech
- A foundation course in Social Responsibility
- A foundation course in Science & Technology
- Christian Faith & Life

YEAR 2

- Modern World
- Aesthetics
- A foundation course in Critical Thinking & Problem Solving
- Old Testament or New Testament Literature & Life

YEAR 3

- A windows course in Social Responsibility
- A windows course in Effective Communication
- A windows course in Science & Technology
- A windows course in Critical Thinking & Problem Solving

YEAR 4

- A windows course in Global Perspectives
- A windows course in Artistic Expression
- Foundations of Christian Belief