



STEM DIVISION BIOLOGY

— FOUR-YEAR PLAN —

ABOUT

Currently, there is a nationwide shortage of qualified, prepared, and dedicated science teachers in today's schools. If you are interested in teaching science for middle school and high school students, the Southern Nazarene University Science Education program provides individuals the knowledge, skills, and dispositions to become highly elective science teachers that positively impact student learning. The SNU Science Education program prepares science teachers for grades 6-12 in both public and private school settings. The SNU Science Education program includes meaningful science (Biology or Chemistry) content knowledge for teaching middle school science and Biology or Chemistry in a high school setting. In addition to required content coursework, the Science Education program includes a number of embedded practical, hands-on experiences such as field experiences, classroom observations, and clinical practice experiences (student teaching) in area public school districts.



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

Intro to Education
Educational Technology
Organismal Biology
Cells and Systems

YEAR 2

Foundations of Education
General Chemistry I
General Chemistry II
Trigonometry
Biology Elective
Biology Elective

YEAR 3

Educational Psychology
Methods in Secondary Science
Origins
General Physics I
General Physics II
General Ecology
Genetics
Research in Biology
Survey of Exceptional Child

YEAR 4

Professional Decision Making
Characteristics in Early Adolescent
Middle School Curriculum & Design
Student Teaching Seminar
Seminar: Diversity in Education
Seminar: ELL Strategies
Student Teaching I
Student Teaching II



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