



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

- Introduction to Computer Science I-II
- Computer Hardware & Networking
- College Algebra
- Trigonometry

YEAR 2

- Data Structures
- Calculus I-II
- Computer Science Elective
- Computer Science Elective

YEAR 3

- Object Oriented Analysis & Design
- Probability and Statistics I
- Discrete Mathematics
- Database Systems
- Computer Science Elective
- Computer Science Elective

YEAR 4

- Operating Systems
- Computer Architecture
- Software Engineering
- Computer Science Elective
- Computer Science Practicum

STEM DIVISION COMPUTER SCIENCE

— FOUR-YEAR PLAN —

ABOUT

Computer Science is about computational problem solving. The program provides students with a strong foundation in both the theory and application of these specialized skills. Students learn to solve problems—and then to use tools (like programming languages) to implement solutions, like mobile applications, websites, and other software. Computer Science prepares students for a wide variety of careers, including artificial intelligence, software engineering, cybersecurity, game development, graduate school, or any number of emerging career fields in technology.





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