COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCE & NETWORK ENGINEERING

SOUTHERN NAZARENE UNIVERSITY

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COMPUTER SCIENCE

ABOUT

Computer Science is, at its heart, computational problem solving. The computer science program provides students with a strong foundation on the theory and application of these problem solving skills.

First, students learn to solve problems and then to use tools such as programming languages to implement solutions. The program prepares students for careers in a wide variety of areas including software engineering, cybersecurity, graduate school, or any number of the novel options emerging daily.

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 General Education brochure or go to snu.edu/gen-ed for more information on those courses.*

01
Introduction to Computer Sciences I
Introduction to Computer Sciences II
Computer Hardware and Networking

02
Data Structures
Elective
Elective

03
Computer Architecture
Discreet Math
Elective
Operating Systems
Probability and Statistics I
Elective

04
Object-Oriented Analysis and Design
Computer Science Practicum
Database Systems
Software Engineering

"I chose a Computer Science degree because it was something my dad first introduced me to when I was very little and he wanted to give me a constructive outlet. Ever since then I've fallen in love with it and am fascinated every day with new applications of programming. My favorite part of SNU's Computer Science program has been the projects we get to do. Projects like a program that fires a projectile to intercept another moving target, or programming fighting robots."

– Caleb Cornelius

PURPOSEFULLY DIFFERENT
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