

Two-year completion plan

This document provides a template for students transferring from a community college to the ABET-accredited computer science major (83 credits). It describes how a student should take classes at SCSU to finish the degree in two years.

It assumes that the student has completed a semester each of calculus, discrete structures/discrete math, computer architecture (basic digital circuit design, CPU architecture, assembly language programming), and a rigorous course in data structures.

General rules

1. Students must have a GPA of 2.5 at SCSU and a GPA of 2.5 in all computer science courses to qualify for admission to the major.
2. Prior to admission to the major, students with necessary prerequisites will be given permission to register for major-only courses as needed.
3. Students should consult with a transfer adviser at SCSU as early as possible for permission to register for classes.
4. A minimum grade of C is needed in all your major classes both at the community college and at SCSU (a grade of C- is not acceptable).

Students arriving in fall

Students apply for admission in the following spring.

Computer Science major: (Accredited by ABET, requires additional math, science and writing courses as per ABET guidelines)

Fall (7 credits): CSCI 320, MATH 373

Spring (9 credits): CSCI 310, CSCI 330, CSCI 4xx

Fall (11 credits): CSCI 311, CSCI 331, CSCI 4xx, CSCI 4xx

Spring (9 credits): CSCI 332, CSCI 4xx, CSCI 4xx

Notes : Additional courses may be needed to meet the program or university requirements depending on courses taken at community college. Assuming a 15-credit full load, this schedule allows students to take an additional 24 credits worth of coursework over the two-year period. These courses may be used to satisfy the other requirements.

Students arriving in spring

Students apply for admission in summer.

Computer Science Major: (Accredited by ABET, requires additional math, science and writing courses as per ABET guidelines)

Spring (7 credits): CSCI320, MATH 373

Fall (9 credits): CSCI 310, CSCI 331, CSCI 4xx

Spring (11 credits): CSCI 311, CSCI 330, CSCI 332, CSCI 4xx

Fall (9 credits): CSCI 4xx, CSCI 4xx, CSCI 4xx

Notes : Additional courses may be needed to meet the program or university requirements depending on courses taken at community college. Assuming a 15-credit full load, this schedule allows students to take an additional 24 credits worth of coursework over the two-year period. These courses may be used to satisfy the other requirements.

Course Numbers/Titles

CSCI 310: Intro to Operating Systems
CSCI 311: Systems Programming
CSCI 320: Computer Architecture II
CSCI 330: Programming Language Concepts
CSCI 332: Computing Ethics