Computer Science

BS-CS // Degree Requirements

Degree At a Glance

- The Computer Science degree covers the theory of CS. This degree is ideal if you are planning on attending grad school or have an interest in the theory of CS.
- Classes in programming, artificial intelligence, app and web development, algorithms, computational theory, programming languages, math and science, and more!
- Jobs in mobile app development, web development, software development, technology startups, etc.

First Semester Courses

- CS 1400
- WEB 1400
- Math
- English
- LIB 1010
- CIT 1001 (recommended)

Other Options

- BIOL 1610 / 1615
- CHEM 1210 / 1215
- PHYS 2210 / 2215
- Other generals not included in the physical or life sciences

Generals Advice

Math

The CS degree requires MATH 1210, MATH 1220, and elective math or science. We recommend taking the appropriate prerequisites to lead towards those.

Sample Math Chain

MATH 1000 > MATH 1080 > MATH 1210 > MATH 1220 > Elective Math

Please also be aware that math scores expire after 2 years. If you haven’t taken math in 2 or more years, you will be required to take the Math Accuplacer test and see what class you can test into. For this reason, we recommend taking care of math classes as soon as possible.
CIS 1200

The CS degree requires both CS 1400 and CS 1410. Together, these classes fulfill the CIS 1200 generals requirement. You will not need to take CIS 1200.

AP CLASSES & PRIOR COLLEGE COURSEWORK

If you have any taken any courses prior to coming to college that would count towards your CIT degree, you may need to see a CIT advisor to get them recognized by the CIT Department.