Computer & Information Technology, emphasis in Software Development

BS-CIT-SDEV // Degree Requirements

Degree At a Glance

- The Software Development emphasis focuses on practical applications of programming and software engineering.
- Classes in programming, artificial intelligence, mobile and web development, algorithms, software engineering, and more!
- Jobs in mobile web development, app development, software development, technology startups,

First Semester Courses

- CS 1400
- IT 1100
- Math
- English
- LIB 1010
- CIT 1001 (recommended)

Other Options

- WEB 1400
- Any generals

CIT Course Descriptions
General Education Course Descriptions

Generals Advice

Math

The SDEV emphasis requires MATH 1210. We recommend taking the appropriate prerequisites to lead towards it.  

Sample Math Chain
MATH 1000 > MATH 1080 > MATH 1210

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 SDEV emphasis 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.