

# MINOR IN COMPUTING APPLICATIONS

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As computing applications are present in virtually all aspects of our lives, we have seen a drastic increase in the number and types of opportunities that creatively merge computing technologies with existing non-computational practices and professions. To meet this demand, the Computing Application Minor offers pathways to learning to build effective computing applications, such as for web and mobile platforms, through an interdisciplinary curriculum geared towards non-CS major students. Students will be introduced to computer programming and web application development, and build engineering, scientific and creative applications.

Please review course descriptions for prerequisite courses and consult with a computer science department adviser for further information.

Admission to the minor is open to all students with upper division standing. All courses in the proposed minor must be completed with a grade of C or better (CR/NC is not acceptable). Courses are 3 units unless otherwise indicated.

## Computing Applications Minor – 15 units

### Required Courses (9 units)

Code	Title	Units
<b>Introductory Programming Course</b>		<b>3</b>
Select one:		
<a href="#">CSC 306</a>	An Interdisciplinary Approach to Computer Programming	
<a href="#">CSC 309</a>	Computer Programming for Scientists and Engineers	
<a href="#">CSC 210</a>	Introduction to Computer Programming	
<b>Data Structures Course</b>		<b>3</b>
<a href="#">CSC 220</a>	Data Structures	
<b>Introductory Web Application Course</b>		<b>3</b>
Select one:		
<a href="#">CSC 307</a>	An Interdisciplinary Approach to Web Programming	
<a href="#">CSC 317</a>	Introduction to Web Software Development	

### Elective Courses (6 units)

Select two 400 or higher computer science courses on approval of a computer science minor advisor. Electives may include, but are not limited to, two CSC 698 Variable Topics and/or CSC 699 Independent Study courses as examples.