

# Certificate of Undergraduate Study (CUGS) Mobile Application Development

## Program Information

The Certificate of Undergraduate Study (CUGS) in Mobile Application Development is designed to offer students the opportunity of a specialized study to provide students with experience in key courses of this discipline at the undergraduate level.

Certificate of Undergraduate Study in Mobile Application Development 12 s.h.

Students seeking this CUGS will be required to complete a total of 4 courses in 1 of the 2 different mobile technology domains. This CUGS available to all majors. No previous experience or knowledge of computing technologies is required.

<b>Domain #1: Android</b>	<b>S.H.</b>
CS 04113 Introduction to Object-Oriented Programming or CS 04171 Creating Android Applications	3
CS 10271 Introduction to Android Programming	3
CS 04372 Advanced Android Programming	3
CS 04471 Topics in Mobile Programming	3
<b>Domain #2: iOS</b>	
CS 04103 Computer Science and Programming or CS 01104 Introduction to Programming and Problem Solving or CS 04113 Introduction to Object Oriented Programming	3
CS 10275 Introduction to iOS Application Programming	3
CS 04376 Advanced iOS Application Programming	3
CS 04471 Topics in Mobile Programming	3