

MOBILE DEVELOPMENT CERTIFICATE

Department website (<https://www.uwp.edu/learn/programs/movileappdevel.cfm>)

College: College of Business, Economics, and Computing

The computer science department offers a certificate in mobile development for students interested in careers involving the development of applications for mobile devices. With the rise in popularity and functionality of mobile devices, the need for skilled mobile developers has increased. Our certificate provides students a background in writing software for multiple mobile device platforms, designing user interfaces for mobile devices, and designing networking architecture to connect mobile devices to each other. Individuals may enter the program at any point, depending on background and experience.

These certificate classes are available in either synchronous online or online form. Many classes are available in person. The CSCI 324 iOS Development course requires access to a Mac computer, which are also available on the UW-Parkside campus.

Undergraduate certificates are not available to students registered in a graduate program.

Program Learning Outcomes

1. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
2. An ability to design, implement, and evaluate a mobile web-based system, process, component, or program to meet desired needs.
3. An ability to use current techniques, skills, and tools necessary for computing practice.

Requirements for the Mobile Development Certificate

The following courses must be taken at UW-Parkside: CSCI 323, CSCI 324, and CSCI 424.

Code	Title	Credits
Required Courses		
CSCI 242 or CSCI 340	Computer Science II ¹ Data Structures and Algorithm Design	3-4
CSCI 323	Mobile Development in Android	3
CSCI 324	Mobile Development in iOS	3
CSCI 424	Client/Server Development	3
Total Credits		12-13

¹ Note: CSCI 242 Computer Science II requires formal programming experience equivalent to CSCI 241 Computer Science I.

University Requirements for Undergraduate Certificates

Course work in a certificate must be completed with a minimum 2.00 GPA. Departments or programs may require a higher GPA.

A minimum of 9 credits in a certificate program must be taken at UW-Parkside. Individual departments and programs may require more than 9 credits to be taken at UW-Parkside.