UMSL is a NSA/DHS National Center of Academic Excellence in Cyber Defense Education

College of Arts and Sciences

Department of Computer Science

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Undergraduate Certificate in Mobile Apps and Computing

The undergraduate certificate in Mobile Apps and Computing is a five-course (15 credit hour) program. It is designed to provide training in technologies and framework for mobile apps and computing. A minimum GPA of 2.5 is required for admission.

A minimum of three courses must be taken from UMSL. Courses may be substituted with the permission of the certificate coordinator. For more information, students can contact the department chair or email info@arch.umsl.edu.

Required core courses		Availability
CMP SCI 4020	Intro to Android Apps: Android Fundamentals	P
CMP SCI 4220	Intro to iOS Programming and Apps	S
CMP SCI 4792	Intro to Mobile Computing, Networking, and Sec.	P
Choose two electives		
CMP SCI 4010	Advanced Web Development with Java	FP
CMP SCI 4222	iOS Apps	F
CMP SCI 4610	Database Management Systems	FP
CMP SCI 4750	Introduction to Cloud Computing	F
CMP SCI 4794	Introduction Security of IoT Systems	F
Total courses (credits)		**5 (15)**

For more info about Computer Science visit umsl.edu/cs, for careers visit umsl.edu/cs/careers.
For electronic version visit http://umsl.edu/cs/certificates.
Availability: Summer (**S**), Fall (**F**), Spring (**P**)
Mode: Online ⓞ Evening 𝑬
For course rotation visit https://www.umsl.edu/cmpsci/undergraduate-studies/3yearcourse.html

V1/23/2023