

Mobile Development Bachelor of Science

Degree Type

Bachelor of Science

Environment

online

Program Length

116 weeks

Overview

The Mobile Development curriculum navigates the complex and ever-changing world of today's mobile application engineers. In this program, you will be educated in the design, development, and implementation of software-based mobile solutions for the business, entertainment, and consumer sectors. The curriculum is organized to provide a comprehensive understanding of programming languages and skills, software-design skills, and computer-science methodologies. You will engage in application creation by participating in various mobile development projects throughout the degree program. These projects will equip learners with the ability to recognize and flex between the needs of small programming projects and large enterprise software system ventures. Through this hands-on curriculum, you will also gain the skills to design and develop your own mobile application project for the emerging-technology arena.

Objective

Bachelor's Objective Our goal is to provide you with the focused knowledge and understanding of mobile development and the usability concepts needed to qualify for entry-level industry positions as mobile application developers. In addition to technical proficiency and creative development, your program will help you develop lifelong learning and critical-thinking skills necessary for effective mobile development as well as professional growth. You will be able to create your own software-application project and also articulate and deliver this project through your knowledge of the appropriate communication strategies and business models.

Month 1

Month 1

Code	Title	Credit Hours
GEN1011	Creative Presentation	3.0

Month 2

Month 2

Code	Title	Credit Hours
DEP1013	Psychology of Play	3.0

Month 3

Month 3

Code	Title	Credit Hours
TEM1001	Technology in the Entertainment and Media Industries	4.0

Month 4

Month 4

Code	Title	Credit Hours
MAD1100	Discrete Mathematics	4.0

Month 5

Month 5

Code	Title	Credit Hours
COP1000	Programming I	4.0

Month 6

Month 6

Code	Title	Credit Hours
COP2334	Programming II	4.0

Month 7

Month 7

Code	Title	Credit Hours
SDV3111	Systems Programming	4.0

Month 8

Month 8

Code	Title	Credit Hours
COS119	Project and Portfolio I: Computer Science	3.0

Month 9

Month 9

Code	Title	Credit Hours
ENC1101	English Composition I	4.0

Month 10

Month 10

Code	Title	Credit Hours
SDV2213	Data Structures and Algorithms	4.0

Month 11

Month 11

Code	Title	Credit Hours
GEN242	Linear Algebra	4.0

Month 12

Month 12

Code	Title	Credit Hours
GDD258	Software Engineering	4.0
COS1111	Professional Development Seminar I: Computer Science	1.0

Month 13

Month 13

Code	Title	Credit Hours
GEN262	Physics	4.0

Month 14

Month 14

Code	Title	Credit Hours
SDV3012	Applied Human-Computer Interaction	3.0

Month 15

Month 15

Code	Title	Credit Hours
COS229	Project and Portfolio II: Computer Science	3.0

Month 16

Month 16

Code	Title	Credit Hours
COS239	Project and Portfolio III: Computer Science	3.0
COS2222	Professional Development Seminar II: Computer Science	1.0

Month 17

Month 17

Code	Title	Credit Hours
MDV3632	iOS Development I	3.0
CTI3622	Database Systems	3.0

Month 18

Month 18

Code	Title	Credit Hours
MDV3732	iOS Development II	3.0
STA3026	Statistics	4.0

Month 19

Month 19

Code	Title	Credit Hours
MDV3799	iOS Development III	3.0

Month 20

Month 20

Code	Title	Credit Hours
MDV4201	Advanced iOS Development	4.0

Month 21

Month 21

Code	Title	Credit Hours
MDV347	Project and Portfolio IV: Mobile Development	3.0

Month 22

Month 22

Code	Title	Credit Hours
MDV3832	Android Development I	4.0

Month 23

Month 23

Code	Title	Credit Hours
MDV3800	Android Interface Design	3.0

Month 24

Month 24

Code	Title	Credit Hours
MDV3853	Android Development II	3.0

Month 25

Month 25

Code	Title	Credit Hours
MDV4301	Android Development III	4.0
MDV4501	Advanced Mobile Development	3.0

Month 26

Month 26

Code	Title	Credit Hours
MDV357	Project and Portfolio V: Mobile Development	3.0

Month 27

Month 27

Code	Title	Credit Hours
MDV4909	Mobile Business and Marketing	3.0
HUM302	Cultural Studies	4.0

Month 28

Month 28

Code	Title	Credit Hours
MDV4911	Integrated Product Development	3.0

Month 29

Month 29

Code	Title	Credit Hours
MDV467	Project and Portfolio VI: Mobile Development	3.0
CRR4000	Career Readiness	4.0
	Total Credit Hours	120

Please Note

- This program is approved for campus and online; currently only enrolling online.