Web Development Bachelor of Science

Degree Type
Bachelor of Science
Environment
online
Program Length
108 weeks
Overview
Full Sail University's Web Development curriculum focuses on the architecture, interactivity, and programming needed to integrate and deploy modern websites and web applications. You will begin to unlock the secrets of effective web development in all forms by coding and publishing standards-based web applications. To develop web-based solutions that are dynamic and engaging, you will use industry-standard tools, including modern client-side and server-side languages, relational and nonrelational database structures, and frameworks used in modern web stacks. You will learn how to deliver information through web-based solutions that are consumed by diverse endpoints through project plans and common industry workflows. Each of your acquired skills will be used to create real-world projects and develop a well-rounded portfolio. Through the program's curriculum, you will gain experience and complete assignments aimed at making you a well-rounded web developer to prepare to enter the web industry.
Objective
Bachelor's Objective The goal of the Web Development Bachelor of Science degree program is to provide you with focused knowledge and understanding of web development and production. You will gain a foundational understanding of programming for web applications and understand how to test, deploy, scale, and secure web solutions for consumption by a variety of users. By integrating a variety of cloud-native and service provider ecosystems, you will also analyze metrics to determine how to build effective web solutions. In addition to technical proficiency, your education will help you develop critical-thinking, problem-solving, and analytical skills that contribute to lifelong learning, providing you with tools to help sustain a long and productive professional career in the technology industry.

Month 1

Code	Title	Credit Hours
GEN1011	Creative Presentation	3.0

Month 2

Code	Title	Credit Hours
TEM1001	Technology in the Entertainment and Media Industries	4.0
MAD1100	Discrete Mathematics	4.0

Month 3

Code	Title	Credit Hours
PHY3020	Physical Science	4.0

Month 4

Code	Title	Credit Hours
WDV1100	Introduction to Web Architecture	4.0

Month 5

Code	Title	Credit Hours
DEV2319	Interfaces and Usability	3.0

Month 6

Code	Title	Credit Hours
DEV1001	Introduction to Development I	4.0

Month 7

Code	Title	Credit Hours
WDV119	Project and Portfolio I: Web Development	3.0
WDV3111	Professional Development Seminar I: Web Development	1.0

Month 8

Code	Title	Credit Hours
DEV2001	Introduction to Development II	4.0

Month 9

Code	Title	Credit Hours
DEV2301	Application Development	4.0

Month 10

Code	Title	Credit Hours
WDV3322	Programming for Web Applications	4.0

Month 11

Code	Title	Credit Hours
DEV2501	Interface Programming	4.0
CTI3622	Database Systems	3.0

Month 12

Code	Title	Credit Hours
WDV229	Project and Portfolio II: Web Development	3.0
WDV3222	Professional Development Seminar II: Web Development	1.0

Month 13

Code	Title	Credit Hours
WDV353	Server-Side Languages	4.0

Month 14

Code	Title	Credit Hours
WDV463	Deployment of Web Applications	4.0

Month 15

Code	Title	Credit Hours
WDV442	Advanced Server-Side Languages	4.0
DEP1013	Psychology of Play	3.0

Month 16

Code	Title	Credit Hours
WDV339	Project and Portfolio III: Web Development	3.0

Month 17

Code	Title	Credit Hours
ENC1101	English Composition I	4.0

Month 18

Code	Title	Credit Hours
WDV3300	Cloud Application Development	3.0

Month 19

Code	Title	Credit Hours
WDV4424	Application Integration and Security	4.0

Month 20

Code	Title	Credit Hours
WDV4416	Web Application Integration	4.0
ENC3110	Technical Writing	4.0

Month 21

Code	Title	Credit Hours
WDV349	Project and Portfolio IV: Web Development	3.0

Month 22

Code	Title	Credit Hours
STA3300	Data Visualization	4.0

Month 23

Code	Title	Credit Hours
WDV3400	Content Management System Development	3.0

Month 24

Code	Title	Credit Hours
WDV3421	Connected Devices and Applications	3.0
HUM302	Cultural Studies	4.0

Month 25

Code	Title	Credit Hours
WDV4200	Secure Application Development	3.0

Month 26

Code	Title	Credit Hours
WDV359	Project and Portfolio V: Web Development	3.0

Month 27

Code	Title	Credit Hours
WDV469	Project and Portfolio VI: Web 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.