

Web Design and Development, A.A.S.

Web design and development fuses together the design, development, and delivery of rich media content through the medium of the internet to hand held mobile devices as well as desktop computers. The curriculum integrates these digital mediums to entertain, educate, and communicate ideas and information through meaningful human interaction. This program provides motivated and dedicated students the opportunity to work with professionally active faculty members committed to the future of digital disciplines. The Associate of Applied Science in Web Design and Development will provide students with employable skills and a pathway to further education.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		63
General Education Requirements		17 Credits
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC Literacies and Composition Across Contexts CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (undefined)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (undefined)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (undefined)	
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE Fitness for Life TE	2
Humanities or Fine Arts		3
Social/Behavioral Science		3
Biology or Physical Science		3
Discipline Core Requirements		46 Credits
DGM 1110	Digital Media Essentials I	4
DWDD 1400	Digital Design Essentials	3
DWDD 1410	Interaction Design Essentials	3
DWDD 1420	Communicating Digital Design WE	3
DWDD 1600	Web Essentials	3
DWDD 1720	Scripting for Internet Technologies	3
DWDD 2410	Interaction Design	3
DWDD 2610	Principles of Web Languages	3
DWDD 2590	Portfolio Workshop	3
Complete 9 credits of DWDD Electives		9
Complete 9 additional advisor-approved electives		9

Graduation Requirements

1. Completion of a minimum of 63 semester credits.
2. Residency hours--minimum of 20 credit hours through course attendance at UVU.
3. Overall grade point average of 2.0 (C) or above.
4. Completion of GE and specified departmental requirements.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

		Credit Hours
Semester 1		
ENGL 1010	Introduction to Academic Writing CC	3
HLTH 1100	Personal Health and Wellness TE	2
DGM 1110	Digital Media Essentials I	4
DWDD 1400	Digital Design Essentials	3
DWDD 1600	Web Essentials	3
Credit Hours		15

Semester 2

Math Distribution			3
Social or Behavioral Science			3
DWDD 1410	Interaction Design Essentials	3	
DWDD 1420	Communicating Digital Design WE	3	
DWDD 1720	Scripting for Internet Technologies	3	
Credit Hours		15	

Second Year**Semester 3**

Biology or Physical Science			3
DWDD 2610	Principles of Web Languages	3	
DWDD 2410	Interaction Design	3	
DWDD Elective		3	
DWDD Elective		3	
Credit Hours		15	

Semester 4

Humanities or Fine Arts			3
DWDD 2590	Portfolio Workshop	3	
DWDD Elective		3	
Advisor Approved Elective		3	
Advisor Approved Elective		3	
Advisor Approved Elective		3	
Credit Hours		18	
Total Credit Hours		63	

Program Learning Outcomes

1. Markup a website using semantically appropriate HTML5 tags.
2. Use media queries and mobile first design to create responsive page templates.
3. Build single page web and mobile applications using JavaScript.
4. Implement user experience design strategies to build applications and web sites that lead to a call to action.
5. Design simple and understandable user interfaces and interactions for desktop, mobile, and web.
6. Design and build digital video, audio, photographic, and textual assets.
7. Demonstrate the ability to be a contributing member of a team.