

Web Design and Development - Web and App Development Emphasis, B.S.

Requirements

The BS in Web Design and Development allows students to study app development for mobile devices, web design, and development for mobile friendly websites, digital magazine publishing, and user experience design. In order to be successful in these areas, students need skills in design and content creation.

Total Program Credits: 120

General Education Requirements:		35 Credits
	ENGL 1010 Introduction to Academic Writing	3
or	ENGL 1005 Literacies and Composition Across Contexts (5)	
	ENGL 2010 Intermediate Writing Academic Writing and Research	3
Complete one of the following:		3
	MAT 1030 Quantitative Reasoning (3)	
	MAT 1035 Quantitative Reasoning with Integrated Algebra (6)	
	STAT 1040 Introduction to Statistics (3)	
	STAT 1045 Introduction to Statistics with Algebra (5)	
	MATH 1050 College Algebra (4.0) (recommended for Business, Education, Science, and Health Professions majors)	
	MATH 1055 College Algebra with Preliminaries (5)	
	MATH 1090 College Algebra for Business (3)	
Complete one of the following:		3
	HIST 2700 US History to 1877 (3)	
and	HIST 2710 US History since 1877 (3)	
	HIST 1700 American Civilization (3)	
	HIST 1740 US Economic History (3)	
	POLS 1000 American Heritage (3)	
	POLS 1100 American National Government (3)	
Complete the following:		
	PHIL 2050 Ethics and Values	3
	HLTH 1100 Personal Health and Wellness	2
or	PES 1097 Fitness for Life (2)	
Distribution Courses		
	Biology	3
	Physical Science	3
	Additional Biology or Physical Science	3
	Humanities Distribution	3
	Fine Arts Distribution	3
	Social/Behavioral Science	3
Discipline Core Requirements:		44 Credits
	DGM 1220 Digital Design Essentials	3
	DGM 1230 Interaction Design Essentials	3
	DGM 1240 Communicating Digital Design WE	3

DGM 1600	Scripting for Internet Technologies	3
DGM 2120	Web Essentials	3
DGM 221R	Interaction Design Practicum	1
DGM 2240	Interaction Design	3
DGM 2250	Principles of Digital Design	3
DGM 2341	Media Formats and Outputs	3
DGM 301R	Digital Lecture Series	1
DGM 312G	Digital Media for Intercultural Communication	3
DGM 3110	Corporate Issues in Digital Media WE	3
DGM 3220	Digital Media Project Management	3
DGM 3750	Media Analytics	3
DGM 490R	Senior Capstone	6
Emphasis Requirements:		41 Credits
DGM 2740	Principles of Web Languages	3
DGM 2760	Web Languages I	3
DGM 2780	Web Tools and Frameworks I	3
DGM 3740	Web Content Management	3
DGM 3760	Web Languages II	3
DGM 3780	Web Tools and Frameworks II	3
DGM 3790	Rich Internet Application Development I	3
DGM 4790	Rich Internet Application Development II	3
DGM 481R	Internship (1.0)	1
Emphasis Elective Requirements:		16 Credits
Complete 16 credits from the following:		16
DGM 2260	Immersive Experiences I (3)	
DGM 2270	Digital Product Experiences I (3)	
CS 1400	Fundamentals of Programming (3)	
or	INFO 1200 Computer Programming I for IS/IT (3)	
CS 1410	Object-Oriented Programming (3)	
or	INFO 2200 Computer Programming II for IS/IT (3)	
CS 2420	Introduction to Algorithms and Data Structures (3)	
DGM 281R	Internship (1.0)	
DGM 3261	Mixed Reality Experiences II (3)	
DGM 3280	Adaptive Media Experiences (3)	
DGM 4280	Interactive Media Strategies(3)	
DGM 4290	Designing Voice Experiences (3)	
DGM 481R	Internship (1.0)	
Or other advisor approved electives		

Graduation Requirements:

1. Completion of a minimum of 120 semester credits.
2. A minimum of 2.5 GPA in all discipline core courses with no grade lower than a C- required for graduation. To qualify for the portfolio review, DGM courses must be completed with a grade of B- or higher.

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3. Residency hours -- minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements, which includes a portfolio review and acceptance into the degree.
5. Successful completion of at least one Global/Intercultural course.

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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](#). (Note: This graduation plan has not been updated, please contact the department for the most updated plan.)

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and *Italicized*.

Semester 1	Course Title or Text	Credit Hours
<i>DGM 1220</i>	Digital Design Essentials	3
<i>DGM 2120</i>	Web Essentials	3
<i>DGM 1600</i>	Scripting for Internet Technologies	3
<i>ENGL 1005 or ENGL 1010</i>	Literacies and Composition Across Contexts or Introduction to Academic Writing	3
Fine Arts	See Wolverine Track for Options	3
	Semester total:	15
Semester 2	Course Title or Text	Credit Hours
<i>DGM 1230</i>	Interaction Design Essentials	3
<i>DGM 1240</i>	Communication Digital Design	3
<i>DGM 2250</i>	Principles of Digital Design	3
MAT 1030 or	Quantitative Reasoning or	3
MATH 1040 or	Introduction to Statistics or	
MATH 1050	College Algebra	
Social or Behavioral Science	See Wolverine Track for Options	3
	Semester total:	15
Semester 3	Course Title or Text	Credit Hours
<i>DGM 2240</i>	Interaction Design	3
<i>DGM 2740</i>	Principles of Web Languages	3
<i>ENGL 2010</i>	Introduction to Academic Writing	3
HLTH 1100 or	Personal Health and Wellness or	2
PES 1097	Fitness for Life	
WAD Elective	See Wolverine Track for Options	3
	Semester total:	14
Semester 4*	Course Title or Text	Credit Hours
<i>DGM 2341</i>	Media Formats and Outputs	3

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DGM 2760	Web Languages I	3
DGM 2780	Web Tools and Frameworks I	3
Biology	See Wolverine Track for Options	3
WAD Elective	See Wolverine Track for Options	3
DGM 221R	Interaction Design Practicum	1
	Semester total:	16

*Student applies to program by submitting portfolio toward the end of this semester.

Semester 5*	Course Title or Text	Credit Hours
DGM 3750	Media Analytics (See Advisor)	3
DGM 3760	Web Languages II	3
DGM 3790	Rich Internet Application Development 1	3
DGM 3220	Project Management	3
American Institutions	See Wolverine Track for Options	3
	Semester total:	15
Semester 6	Course Title or Text	Credit Hours
DGM 3740	Web Content Management	3
DGM 3780	Web Tools and Frameworks II	3
DGM 4790	Rich Internet Application Development II	3
Humanities	See Wolverine Track for Options	3
WAD Elective	See Wolverine Track for Options	3
DGM 301R	Digital Lecture Series	1
	Semester total:	16
Semester 7	Course Title or Text	Credit Hours
DGM 490R	Senior Capstone	3
DGM 312G	Digital Media for Intercultural Communication	3
Biology or Physical Science	See Wolverine Track for Options	3
WAD Elective	See Wolverine Track for Options	3
WAD Elective	See Wolverine Track for Options	1
DGM 481R	Internship	1
	Semester total:	14
Semester 8	Course Title or Text	Credit Hours
DGM 490R	Senior Capstone	3
DGM 3110	Corporate Issues in Digital Media WE	3

WAD Elective (Upper Division)	See Wolverine Track for Options	3
Physical Science	See Wolverine Track for Options	3
PHIL 2050	Ethics and Values	3
	Semester total:	15
	Degree total:	120