

# Web Design and Development

(A Division of the Computer Information Technology Department)



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Department Secretary, (208) 496-3620

<http://www.byui.edu/online/degrees-and-programs/web-design-and-development-x95124>

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The internet and emerging technology have transformed many areas of our lives including business, entertainment, education, and the Church's reach to members and non-members alike around the world. Within industry, there is a great need for professionals who can effectively use the latest technologies to design and develop professional interactive web sites.

Combining the interdisciplinary resources of the Art, Business Management, Communication, Computer Information Technology, and Computer Science department's students may choose from a variety of integrated web design and development programs.

General advisement questions should be directed to the College of Business and Communication Academic Discovery Center, Smith 227, (208) 496-9840 or [cbcAcademicDiscoveryCenter@byui.edu](mailto:cbcAcademicDiscoveryCenter@byui.edu)

Online students can contact (208) 496-9900 or [cbconline@byui.edu](mailto:cbconline@byui.edu)

The following majors are available to choose from:

- AAS in Web Design and Development, Emphasis in Web Design
- AAS in Web Design and Development, Emphasis in Web Development
- BS in Web Design and Development, Emphasis in Web Design
- BS in Web Design and Development, Emphasis in Web Development

The following minors are available to choose from for Web Design and Development students:

- Minor in Web Design for Students in Development Emphasis
- Minor in Web Development for Students with Design Emphasis

The following minors are available to choose from for Non-Web Design and Development students:

- Minor in Web Technology (for students who want an overview of web technology)
- Minor in Web Design (for students who want an overview of web design principles)
- Minor in Web Development (for students who want an overview of web development principles)

<b>AAS in Web Design and Development Emphasis in Web Design (390-113)</b>			
<b>Core Courses</b> <i>Take these courses:</i> B 250           3 CIT 160       3 CIT 230       3 CIT 336       3 COMM 130     3 COMM 310     3 ENG 450       3 WDD 100       1 _____ 22  <i>Take this course:</i> ART 130        3 _____ 3	<b>Supplemental Courses</b> <i>Take 15 credits:</i> ART 230           3 ART 235           3 ART 331R          3 ART 335R          3 ART 337R          3 ART 430R          3 ART 436R          3 ART 437R          3 ART 438R          3 _____ 15  <i>cont. in next column</i>	<i>cont. from previous column</i> CIT 260           3 COMM 273         3 COMM 300         3 COMM 305         3 COMM 315         3 COMM 322         3 COMM 397R        1 COMM 462         3 COMM 497R*      1 CS 371             3 _____ 15	<b>Program Notes:</b>  •No Double Counting of Major Courses  •No Grade Less Than C- in Major Courses  •* If Students take Comm 497R twice, select from "After Effects" and "Final Cut"  •Please check online website ( <a href="http://www.byui.edu/online">www.byui.edu/online</a> ) for course availability for online sections
<b>Credit Requirements:</b>		<b>Tracks Available:</b>	
Foundations	17	Fall-Winter	Yes
Major	40	Winter-Spring	Yes
Elective	3	Spring-Fall	Yes
Total	60		

<b>AAS in Web Design and Development Emphasis in Web Development (390-114)</b>			
<b>Core Courses</b> <i>Take these courses:</i> B 250           3 CIT 160       3 CIT 230       3 CIT 336       3 COMM 130     3 COMM 310     3 ENG 450       3 WDD 100       1 _____ 22	<i>Take these courses:</i> CIT 225           3 CIT 260           3 CS 313            3 CS 371            3 _____ 12  <i>Take 2 courses:</i> CIT 261           3 CIT 262           3 CIT 370           3 CS 308            3 CS 364            4 _____ 6	<b>Program Notes:</b>  •No Double Counting of Major Courses  •No Grade Less Than C- in Major Courses	
<b>Credit Requirements:</b>		<b>Tracks Available:</b>	
Foundations	17	Fall-Winter	Yes
Major	40	Winter-Spring	Yes
Elective	3	Spring-Fall	Yes
Total	60		

<b>BS in Web Design and Development Emphasis in Web Design (590-110)</b>			
<b>Core Courses</b> <i>Take these courses:</i> B 250           3 CIT 160       3 CIT 230       3 CIT 336       3 COMM 130     3 COMM 310     3 ENG 450       3 WDD 100       1 WDD 398       3 WDD 499       2 _____ 27	<i>Take this course:</i> ART 130           3 _____ 3  <i>Take 24 credits:</i> ART 230           3 ART 235           3 ART 331R          3 ART 335R          3 ART 337R          3 ART 430R          3 ART 436R          3 _____ 24  <i>cont. next column</i>	<i>cont. from previous column</i> ART 437R         3 ART 438R         3 CIT 260           3 COMM 273         3 COMM 300         3 COMM 305         3 COMM 315         3 COMM 322         3 COMM 397R        1 COMM 462         3 COMM 497R*      1 CS 371             3 _____ 24	<b>Program Notes:</b>  •No Double Counting of Major Courses  •No Grade Less Than C- in Major Courses  •Students may choose three different COMM 397 R/ 497R one-credit practicum courses to total three credits.  •Please check online website ( <a href="http://www.byui.edu/online">www.byui.edu/online</a> ) for course availability for online sections.
<b>Credit Requirements:</b>		<b>Tracks Available:</b>	
Foundations	40	Fall-Winter	Yes
Major	54	Winter-Spring	Yes
Elective	26	Spring-Fall	Yes
Total	120		

<b>BS in Web Design and Development Emphasis in Web Development (590-111)</b>		
<b>Core Courses</b> <i>Take these courses:</i> B 250                    3 CIT 160                 3 CIT 230                 3 CIT 336                 3 COMM 130               3 COMM 310               3 ENG 450                 3 WDD 100                1 WDD 398                3 WDD 499                2 <hr style="width: 100%;"/> 27	<b>Take this course:</b> CIT 260                 3 <hr style="width: 100%;"/> 3  <b>Take 25 credits:</b> CIT 225                 3 CIT 261                 3 CIT 262                 3 CIT 370                 3 COMM 315               3 CS 308                   3 CS 313                   3 CS 364                   4 CS 371                   3 <hr style="width: 100%;"/> 25	<b>Program Notes:</b> •No Double Counting of Major Courses - •No Grade Less Than C- in Major Courses
<b>Credit Requirements:</b>		<b>Tracks Available:</b>
Foundations            40 Major                       55 Elective                    25 Total                        120	Fall-Winter            Yes Winter-Spring        Yes Spring-Fall            Yes	

<b>Minor in Web Design For Students Who Want an Overview of Web Design Principles (215) (For Non-Web Design and Development Students)</b>		
<b>Core Courses</b> <i>Take these courses:</i> ART 130                 3 ART 230                 3 B 250                     3 CIT 230                 3 CIT 336                 3 COMM 125               3 COMM 300 or 273       3 COMM 462 or 322      3 <hr style="width: 100%;"/> 24	<b>Program Notes:</b> •No Grade Less Than C- for Minor Courses •For Non-Web Design and Development Students •Please check online website ( <a href="http://www.byui.edu/online">www.byui.edu/online</a> ) for course availability for online sections	
<b>Credit Requirements:</b>		<b>Tracks Available:</b>
Total                       24	Fall-Winter            Yes Winter-Spring        Yes Spring-Fall            Yes	

<b>Minor in Web Development For Students Who Want an Overview of Web Development Principles (216) (For Non-Web Design and Development Students)</b>		
<b>Core Courses</b> <i>Take these courses:</i> B 250                     3 CIT 225                 3 CIT 230                 3 CIT 260                 3 CIT 261                 3 CIT 336                 3 COMM 125               3 COMM 310               3 <hr style="width: 100%;"/> 24	<b>Program Notes:</b> •No Grade Less Than C- for Minor Courses • For Non-Web Design and Development Students	
<b>Credit Requirements:</b>		<b>Tracks Available:</b>
Total                       24	Fall-Winter            Yes Winter-Spring        Yes Spring-Fall            Yes	

<b>Minor in Web Design</b>			
<b>For Students in Development Emphasis (223)</b>			
<b>(For Web Design and Development Students)</b>			
<b>Core Courses</b>	<b>Take 15 credits:</b>	<i>cont. from previous column</i>	<b>Program Notes:</b>
<i>Take these courses:</i>	ART 331R 3	COMM 305 3	<ul style="list-style-type: none"> <li>•No Grade Less Than C- for Minor Courses</li> <li>•For Web Design and Development Students</li> <li>•If Students take Comm 497R twice, select from "After Effects" and "Final Cut"</li> </ul>
ART 130 3	ART 335R 3	COMM 315 3	
ART 235 3	ART 337R 3	COMM 322 3	
ART 337R 3	ART 430R 3	COMM 360 3	
9	ART 436R 3	COMM 397R 1	
	ART 437R 3	COMM 462 3	
	ART 438R 3	COMM 497R* 1	
	COMM 273 3	CS 371 3	
	COMM 300 3	15	
	<i>cont. next column</i>		
<b>Credit Requirements:</b>		<b>Tracks Available:</b>	
Total	24	Fall-Winter	Yes
		Winter-Spring	Yes
		Spring-Fall	Yes

<b>Minor in Web Development</b>			
<b>For Students with Design Emphasis (230)</b>			
<b>(For Web Design and Development Students)</b>			
<b>Core Courses</b>	<b>Program Notes:</b>		
<i>Take these courses:</i>	<ul style="list-style-type: none"> <li>•No Grade Less Than C- for Minor Courses</li> <li>•For Web Design and Development Students</li> </ul>		
CIT 225 3			
CIT 260 3			
CIT 261 3			
CIT 370 3			
CS 308 3			
CS 313 3			
CS 364 4			
CS 371 3			
25			
<b>Credit Requirements:</b>		<b>Tracks Available:</b>	
Total	25	Fall-Winter	Yes
		Winter-Spring	Yes
		Spring-Fall	Yes

<b>Web Media Certificate (C 103)</b>			
<b>Required Courses</b>	<b>Supplemental Courses</b>	<b>Program Notes:</b>	
<i>Take these courses:</i>	<i>Take 2 courses:</i>	<ul style="list-style-type: none"> <li>•No Grade Less Than C- for Certificate Courses</li> </ul>	
CIT 110 3	B 250 3		
CIT 230 3	CIT 160 3		
COMM 125 3	COMM 300 3		
9	6		
<b>Credit Requirements:</b>			
Total		15	

### Course Descriptions

#### **WDD 100 Introduction to Web Design and Development**

**Credits\***

**(1:1:0:0)**

This course introduces students to the World Wide Web and to careers in web site design and development. The course is hands on with students actually participating in simple web designs and programming. It is anticipated that students who complete this course will understand the fields of web design and development and will have a good idea if they want to pursue this degree as a major.  
(Fall, Winter, Spring)

#### **WDD 398 Internship**

**(3:0:0:0)**

Internship Fees: \$78 (LDS) \$156 (non-LDS) per credit

Exempt from tuition, but charged this independent course fee

In this course students will be employed full-time as a web designer or developer for one semester.

(Fall, Winter, Spring)

#### **WDD 499 Capstone**

**(3:0:0:0)**

Students will create an approved capstone project to showcase the skills and competencies developed in the Web Design and Development major. Senior students will work closely with a professional mentor, faculty advisor, and/or peers to develop a project that demonstrates the fusion of their undergraduate coursework and experiences. Projects should be significant and relevant to the student's academic or career objectives.

Students in this course will demonstrate senior-level proficiency in research, visual communication, writing, and presentation skills.

(Fall, Winter, Spring)