

Web Design and Development



Steve Rigby, Degree Coordinator

The internet and emerging technology has 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 departments students may choose from a variety of integrated web design and development programs.

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)

Web Design and Development

Brigham Young University-Idaho 2013-2014

BS in Web Design and Development Emphasis in Web Design (590-110)

Take required Foundations courses (40 credits)

Major Requirements

No Double Counting of Major Courses - No Grade Less Than C- in Major Courses

<p><i>Take these courses:</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ART 130</td><td style="text-align: right;">3</td></tr> <tr><td>B 250</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 160</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 230</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 260</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 336</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 130</td><td style="text-align: right;">3</td></tr> <tr><td>ENG 321</td><td style="text-align: right;">3</td></tr> <tr><td>IDS 499</td><td style="text-align: right;">2</td></tr> <tr><td>WDD 100</td><td style="text-align: right;">1</td></tr> <tr><td>WDD 398</td><td style="text-align: right;">3</td></tr> <tr><td style="border-top: 1px solid black;"></td><td style="text-align: right; border-top: 1px solid black;">30</td></tr> </table>	ART 130	3	B 250	3	CIT 160	3	CIT 230	3	CIT 260	3	CIT 336	3	COMM 130	3	ENG 321	3	IDS 499	2	WDD 100	1	WDD 398	3		30	<p><i>Take these courses:</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ART 230</td><td style="text-align: right;">3</td></tr> <tr><td>ART 235</td><td style="text-align: right;">3</td></tr> <tr><td>ART 337R</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 300</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 462</td><td style="text-align: right;">3</td></tr> <tr><td style="border-top: 1px solid black;"></td><td style="text-align: right; border-top: 1px solid black;">15</td></tr> </table>	ART 230	3	ART 235	3	ART 337R	3	COMM 300	3	COMM 462	3		15	<p><i>Take 9 credits:</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ART 331R</td><td style="text-align: right;">3</td></tr> <tr><td>ART 335R</td><td style="text-align: right;">3</td></tr> <tr><td>ART 430R</td><td style="text-align: right;">3</td></tr> <tr><td>ART 436R</td><td style="text-align: right;">3</td></tr> <tr><td>ART 437R</td><td style="text-align: right;">3</td></tr> <tr><td>ART 438R</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 273</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 322</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 360</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 397R</td><td style="text-align: right;">1</td></tr> <tr><td>COMM 497R*</td><td style="text-align: right;">1</td></tr> <tr><td>CS 371</td><td style="text-align: right;">3</td></tr> <tr><td style="border-top: 1px solid black;"></td><td style="text-align: right; border-top: 1px solid black;">9</td></tr> </table>	ART 331R	3	ART 335R	3	ART 430R	3	ART 436R	3	ART 437R	3	ART 438R	3	COMM 273	3	COMM 322	3	COMM 360	3	COMM 397R	1	COMM 497R*	1	CS 371	3		9	<p><i>Program Notes:</i></p> <p>*If Students take Comm 497R twice they should select from "After Effects" and "Final Cut"</p>
ART 130	3																																																																
B 250	3																																																																
CIT 160	3																																																																
CIT 230	3																																																																
CIT 260	3																																																																
CIT 336	3																																																																
COMM 130	3																																																																
ENG 321	3																																																																
IDS 499	2																																																																
WDD 100	1																																																																
WDD 398	3																																																																
	30																																																																
ART 230	3																																																																
ART 235	3																																																																
ART 337R	3																																																																
COMM 300	3																																																																
COMM 462	3																																																																
	15																																																																
ART 331R	3																																																																
ART 335R	3																																																																
ART 430R	3																																																																
ART 436R	3																																																																
ART 437R	3																																																																
ART 438R	3																																																																
COMM 273	3																																																																
COMM 322	3																																																																
COMM 360	3																																																																
COMM 397R	1																																																																
COMM 497R*	1																																																																
CS 371	3																																																																
	9																																																																

Total Major Credits=54

Additional Elective Credits Required for Graduation=26

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

BS in Web Design and Development Emphasis in Web Development (590-111)

Take required Foundations courses (40 credits)

Major Requirements

No Double Counting of Major Courses - No Grade Less Than C- in Major Courses

<p><i>Take these courses:</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ART 130</td><td style="text-align: right;">3</td></tr> <tr><td>B 250</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 160</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 230</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 260</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 336</td><td style="text-align: right;">3</td></tr> <tr><td>COMM 130</td><td style="text-align: right;">3</td></tr> <tr><td>ENG 321</td><td style="text-align: right;">3</td></tr> <tr><td>IDS 499</td><td style="text-align: right;">2</td></tr> <tr><td>WDD 100</td><td style="text-align: right;">1</td></tr> <tr><td>WDD 398</td><td style="text-align: right;">3</td></tr> <tr><td style="border-top: 1px solid black;"></td><td style="text-align: right; border-top: 1px solid black;">30</td></tr> </table>	ART 130	3	B 250	3	CIT 160	3	CIT 230	3	CIT 260	3	CIT 336	3	COMM 130	3	ENG 321	3	IDS 499	2	WDD 100	1	WDD 398	3		30	<p><i>Take these courses:</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>CIT 225</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 261</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 262</td><td style="text-align: right;">3</td></tr> <tr><td>CIT 370</td><td style="text-align: right;">3</td></tr> <tr><td>CS 308</td><td style="text-align: right;">3</td></tr> <tr><td>CS 313</td><td style="text-align: right;">3</td></tr> <tr><td>CS 364</td><td style="text-align: right;">4</td></tr> <tr><td>CS 371</td><td style="text-align: right;">3</td></tr> <tr><td style="border-top: 1px solid black;"></td><td style="text-align: right; border-top: 1px solid black;">25</td></tr> </table>	CIT 225	3	CIT 261	3	CIT 262	3	CIT 370	3	CS 308	3	CS 313	3	CS 364	4	CS 371	3		25	<p><i>Program Notes:</i></p>
ART 130	3																																											
B 250	3																																											
CIT 160	3																																											
CIT 230	3																																											
CIT 260	3																																											
CIT 336	3																																											
COMM 130	3																																											
ENG 321	3																																											
IDS 499	2																																											
WDD 100	1																																											
WDD 398	3																																											
	30																																											
CIT 225	3																																											
CIT 261	3																																											
CIT 262	3																																											
CIT 370	3																																											
CS 308	3																																											
CS 313	3																																											
CS 364	4																																											
CS 371	3																																											
	25																																											

Total Major Credits=55

Additional Elective Credits Required for Graduation=25

This major is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Minor in Web Design
For Students Who Want an Overview of Web Design Principles (215)
(For Non-Web Design and Development Students)

Minor Requirements

No Grade Less Than C- for Minor Courses

<i>Take these courses:</i>	
ART 130	3
ART 230	3
B 250	3
CIT 230	3
CIT 336	3
COMM 130	3
COMM 300	3
COMM 462	3
	24

Program Notes:
 For Non-Web Design and Development Students

Total Minor Credits=24

This minor is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Minor in Web Development
For Students Who Want an Overview of Web Development Principles (216)
(For Non-Web Design and Development Students)

Minor Requirements

No Grade Less Than C- for Minor Courses

<i>Take these courses:</i>	
ART 130	3
B 250	3
CIT 225	3
CIT 230	3
CIT 260	3
CIT 261	3
CIT 336	3
COMM 130	3
	24

Program Notes:
 For Non-Web Design and Development Students

Total Minor Credits=24

This minor is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Minor in Web Design
For Students in Development Emphasis (223)
(For Web Design and Development Students)

Minor Requirements

No Grade Less Than C- for Minor Courses

<p><i>Take these courses:</i></p> <table> <tr><td>ART 235</td><td>3</td></tr> <tr><td>ART 337R</td><td>3</td></tr> <tr><td>COMM 300</td><td>3</td></tr> <tr><td>COMM 462</td><td>3</td></tr> <tr><td></td><td><hr/></td></tr> <tr><td></td><td>12</td></tr> </table>	ART 235	3	ART 337R	3	COMM 300	3	COMM 462	3		<hr/>		12	<p><i>Take 12 credits:</i></p> <table> <tr><td>ART 331R</td><td>3</td></tr> <tr><td>ART 335R</td><td>3</td></tr> <tr><td>ART 430R</td><td>3</td></tr> <tr><td>ART 436R</td><td>3</td></tr> <tr><td>ART 437R</td><td>3</td></tr> <tr><td>ART 438R</td><td>3</td></tr> <tr><td>COMM 273</td><td>3</td></tr> <tr><td>COMM 322</td><td>3</td></tr> <tr><td>COMM 360</td><td>3</td></tr> <tr><td>COMM 397R</td><td>1</td></tr> <tr><td>COMM 497R*</td><td>1</td></tr> <tr><td>CS 371</td><td>3</td></tr> <tr><td></td><td><hr/></td></tr> <tr><td></td><td>12</td></tr> </table>	ART 331R	3	ART 335R	3	ART 430R	3	ART 436R	3	ART 437R	3	ART 438R	3	COMM 273	3	COMM 322	3	COMM 360	3	COMM 397R	1	COMM 497R*	1	CS 371	3		<hr/>		12	<p><i>Program Notes:</i></p> <p><i>For Web Design and Development Students</i></p> <p><i>*If Students take Comm 497R twice they should select from "After Effects" and "Final Cut"</i></p>
ART 235	3																																									
ART 337R	3																																									
COMM 300	3																																									
COMM 462	3																																									
	<hr/>																																									
	12																																									
ART 331R	3																																									
ART 335R	3																																									
ART 430R	3																																									
ART 436R	3																																									
ART 437R	3																																									
ART 438R	3																																									
COMM 273	3																																									
COMM 322	3																																									
COMM 360	3																																									
COMM 397R	1																																									
COMM 497R*	1																																									
CS 371	3																																									
	<hr/>																																									
	12																																									

Total Minor Credits=24

This minor is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Minor in Web Development
For Students with Design Emphasis (230)
(For Web Design and Development Students)

Minor Requirements

No Grade Less Than C- for Minor Courses

<p><i>Take these courses:</i></p> <table> <tr><td>CIT 225</td><td>3</td></tr> <tr><td>CIT 261</td><td>3</td></tr> <tr><td>CIT 262</td><td>3</td></tr> <tr><td>CIT 370</td><td>3</td></tr> <tr><td>CS 308</td><td>3</td></tr> <tr><td>CS 313</td><td>3</td></tr> <tr><td>CS 364</td><td>4</td></tr> <tr><td>CS 371</td><td>3</td></tr> <tr><td></td><td><hr/></td></tr> <tr><td></td><td>25</td></tr> </table>	CIT 225	3	CIT 261	3	CIT 262	3	CIT 370	3	CS 308	3	CS 313	3	CS 364	4	CS 371	3		<hr/>		25	<p><i>Program Notes:</i></p> <p><i>For Web Design and Development Students</i></p>
CIT 225	3																				
CIT 261	3																				
CIT 262	3																				
CIT 370	3																				
CS 308	3																				
CS 313	3																				
CS 364	4																				
CS 371	3																				
	<hr/>																				
	25																				

Total Minor Credits=25

This minor is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Web Design and Development

Brigham Young University-Idaho 2013-2014

Web Media Certificate (C 103)

Certificate Requirements

No Grade Less Than C- for Certificate Courses

Required Courses <i>Take these courses:</i> ART 130 3 CIT 110 3 CIT 230 3 <hr style="width: 50px; margin-left: 0;"/> 9	Supplemental Courses <i>Take 2 courses:</i> B 250 3 CIT 160 3 COMM 300 3 <hr style="width: 50px; margin-left: 0;"/> 6	Program Notes:
---	--	-------------------------------

Total Certificate Credits=15

This certificate is available on the following tracks:

Fall-Winter---- YES

Winter-Spring---- YES

Spring-Fall---- YES

Course Descriptions

Credits*

WDD 100 Introduction to Web Design/Development

(1:1:0)

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)

Students will be employed full-time as a web designer or developer for one semester.
(Fall, Winter, Spring)