

Note that this is a “Typical Program.” Actual programs will vary. See the Academic Catalog for official details.

**COMPUTER SCIENCE B.S. DEGREE**  
**Web Development Track**

**Advisor: Dr. Lehman**

Fall 2016			Spring 2017		
<u>CS 111:</u>	<u>Introduction to Computer Science</u>	4	<u>CS 216:</u>	<u>Programming II</u>	3
MA 165:	Intro to Discrete Mathematics	3	MA 161:	Math for Manager & Soc Science	4
HS 115:	Hist Persp on Cult & Civ I	3	HS 116:	Hist Persp on Cult & Civ II	3
EN 121:	Academic Writing and Research	3	EN 151:	Perspectives on Literature	3
BR 111:	Biblical History and Literature	3		Core Curriculum Social Science	3
	<b>total</b>	<b>16</b>		<b>total</b>	<b>16</b>
Fall 2017			Spring 2018		
AR 141:	Basic 2D Design	3	* <u>CS 175:</u>	<u>Web Scripting</u>	3
AR 241R:	Computer Graphics: Raster	1	CO 241:	Introduction to News Writing <sup>2</sup>	3
AR 241v:	Computer Graphics: Vector	1	CO 215:	Public Speaking	3
* <u>CS 325:</u>	<u>Data Structures</u>	4	MI 285:	Core Curriculum Christian Faith	3
EX 101:	Wellness for Life	2		Electives [300+ level] <sup>3</sup>	3
	Core Curriculum Social Science	3			
	Creative Studio Arts	1			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
Fall 2018			Spring 2019		
* <u>CS 315:</u>	<u>Comp Arch &amp; Assembler Lang</u>	4	* <u>CS 245:</u>	<u>System Anal &amp; Design Methods</u>	3
* <u>CS 425:</u>	<u>Principles of Networking</u>	4	* <u>CS 286:</u>	<u>Visual Programming</u>	3
PL ____:	Introduction to Philosophy/Ethics	3	* <u>CS 355:</u>	<u>Operating Systems</u>	3
	Laboratory Science	4	* <u>PH 261:</u>	<u>Analog &amp; Digital Electronics</u>	2
				Laboratory Science	4
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
Fall 2019			Spring 2020		
* <u>AR 271:</u>	<u>Visual Comm &amp; Graphics</u>	3	<u>CS 436:</u>	<u>Senior Project II: Implementation</u>	3
* <u>CS 415:</u>	<u>Database Management Systems</u>	3	BR ____:	Bible Elective [300+ level]	3
<u>CS 435:</u>	<u>Senior Project I: Anal &amp; Design</u>	3	115:	Introduction to AR/DM/MU/TH	2
	Elective [300+ level] <sup>3</sup>	3		Electives [300+ level] <sup>3</sup>	3
	Elective	3		Elective	4
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>

**NOTES:**

1. Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses (*see mathematics placement policy in Catalog under Academic Information*).
2. CO 213 may be taken in place of CO 241.
3. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

\*Indicates alternating year course.

Underlining indicates required for major.