

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 2014			Spring 2015		
<u>CS 116:</u>	<u>Computer Concepts &amp; Program I</u> <sup>2</sup>	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 2015			Spring 2016		
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>3</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>4</sup>	3
	Core Curriculum Social Science	3			
	Creative Studio Arts	1			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
Fall 2016			Spring 2017		
* <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 2017			Spring 2018		
* <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>4</sup>	3		Electives [300+ level] <sup>4</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. CS 111 and CS 117 may be taken in place of CS 116.
3. CO 213 may be taken in place of CO 241.
4. 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.