

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 2013			Spring 2014		
<u>CS 116:</u>	<u>Computer Concepts & Program I</u> ²	4	<u>CS 216:</u>	<u>Programming II</u>	3
<u>MA 165:</u>	<u>Intro to Discrete Mathematics</u>	3	<u>HS 116:</u>	<u>Hist Persp on Cult & Civ II</u>	3
<u>HS 115:</u>	<u>Hist Persp on Cult & Civ I</u>	3	<u>EN 151:</u>	<u>Perspectives on Literature</u>	3
<u>EN 121:</u>	<u>Academic Writing and Research</u>	3	<u>MI 285:</u>	<u>Core Curriculum Christian Faith</u>	3
<u>BR 111:</u>	<u>Biblical History and Literature</u>	3	<u>PE 110:</u>	<u>Introduction to Physical Wellness</u>	1
				<u>Core Curriculum Social Science</u>	3
total 16			total 16		
Fall 2014			Spring 2015		
<u>AR 141:</u>	<u>Basic 2D Design</u>	3	* <u>CS 245:</u>	<u>System Anal & Design Methods</u>	3
<u>AR 241R:</u>	<u>Computer Graphics: Raster</u>	1	* <u>CS 286:</u>	<u>Visual Programming</u>	3
<u>AR 241V:</u>	<u>Computer Graphics: Vector</u>	1	<u>CO 215:</u>	<u>Public Speaking</u>	3
* <u>CS 315:</u>	<u>Comp Arch & Assembler Lang</u>	4	<u>PL_____:</u>	<u>Introduction to Philosophy/Ethics</u>	3
<u>PE 111:</u>	<u>Physical Education Activities</u>	1		<u>Electives [300+ level]</u> ⁴	3
<u>115:</u>	<u>Introduction to AR/MU/TH</u>	2			
	<u>Core Curriculum Social Science</u>	3			
total 15			total 15		
Fall 2015			Spring 2016		
* <u>AR 271:</u>	<u>Visual Comm & Graphics</u>	3	* <u>CS 175:</u>	<u>Web Scripting</u>	3
* <u>CS 325:</u>	<u>Data Structures</u>	4	<u>CO 241:</u>	<u>Introduction to News Writing</u> ³	3
* <u>CS 415:</u>	<u>Database Management Systems</u>	3	<u>MA 161:</u>	<u>Math for Manager & Soc Science</u>	4
	<u>Creative Studio Arts</u>	1		<u>Laboratory Science</u>	4
	<u>Laboratory Science</u>	4			
total 15			total 14		
Fall 2016			Spring 2017		
* <u>CS 425:</u>	<u>Principles of Networking</u>	4	* <u>CS 355:</u>	<u>Operating Systems</u>	3
<u>CS 435:</u>	<u>Senior Project I: Anal & Design</u>	3	<u>CS 436:</u>	<u>Senior Project II: Implementation</u>	3
<u>BR_____:</u>	<u>Bible Elective [300+ level]</u>	3	* <u>PH 261:</u>	<u>Analog & Digital Electronics</u>	2
	<u>Elective [300+ level]</u> ⁴	3		<u>Electives [300+ level]</u> ⁴	3
	<u>Elective</u>	3		<u>Elective</u>	4
total 16			total 15		

NOTES:

- 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*).
- CS 111 and CS 117 may be taken in place of CS 116.
- CO 213 may be taken in place of CO 241.
- 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.