

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

**COMPUTER SCIENCE B.S. DEGREE**  
**Information Systems Track**

**Advisor: Dr. Lehman**

Fall 2013		Spring 2014			
CS 116:	<u>Computer Concepts &amp; Program I</u> <sup>2</sup>	4	CS 216:	<u>Programming II</u>	3
MA 165:	<u>Intro to Discrete Mathematics</u>	3	HS 116:	Hist Persp on Cult & Civ II	3
HS 115:	Hist Persp on Cult & Civ I	3	EN 151:	Perspectives on Literature	3
EN 121:	Academic Writing and Research	3	MI 285:	Core Curriculum Christian Faith	3
BR 111:	Biblical History and Literature	3	PE 110:	Introduction to Physical Wellness	1
				Core Curriculum Social Science	3
<b>total</b>		<b>16</b>	<b>total</b>		<b>16</b>
Fall 2014		Spring 2015			
BA 252:	<u>Business Organization and Mgmt</u>	3	* CS 245:	<u>System Anal &amp; Design Methods</u>	3
* CS 315:	<u>Comp Arch &amp; Assembler Lang</u>	4	* CS 286:	<u>Visual Programming</u>	3
	<u>Info Systems Track Elective</u> <sup>4</sup>	3	MA 161:	<u>Math for Manager &amp; Soc Science</u>	4
115:	Introduction to AR/MU/TH	2	PE 111:	Physical Education Activities	1
	Core Curriculum Social Science	3		Laboratory Science	4
<b>total</b>		<b>15</b>	<b>total</b>		<b>15</b>
Fall 2015		Spring 2016			
* CS 325:	<u>Data Structures</u>	4	* CS 175:	<u>Web Scripting</u>	3
* CS 415:	<u>Database Management Systems</u>	3	CS 495:	<u>Internship in Computer Science</u> <sup>3</sup>	3
	Creative Studio Arts	1		<u>Info Systems Track Elective</u> <sup>4</sup>	3
	Laboratory Science	4	CO 215:	Public Speaking	3
	Electives [300+ level] <sup>5</sup>	3		Elective	3
<b>total</b>		<b>15</b>	<b>total</b>		<b>15</b>
Fall 2016		Spring 2017			
* CS 425:	<u>Principles of Networking</u>	4	* CS 355:	<u>Operating Systems</u>	3
CS 435:	<u>Senior Project I: Anal &amp; Design</u>	3	CS 436:	<u>Senior Project II: Implementation</u>	3
PL ____:	Introduction to Philosophy/Ethics	3	* PH 261:	<u>Analog &amp; Digital Electronics</u>	2
	Electives	6	BR ____:	Bible Elective [300+ level]	3
				Electives [300+ level] <sup>5</sup>	3
<b>total</b>		<b>16</b>	<b>total</b>		<b>14</b>

**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.
- Three credits must be taken from CS 331, 490, or 495.
- Six hours must be taken from AC 241, EB 211, BA 213, 281 or 331.
- 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.