

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 2015		Spring 2016			
CS 111:	<u>Introduction to Computer Science</u>	4	CS 216:	<u>Programming II</u>	3
MA 165:	<u>Intro to Discrete Mathematics</u>	3	MA 161:	<u>Math for Manager & Soc Science</u>	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
	total	16		total	16
Fall 2016		Spring 2017			
BA 252:	<u>Business Organization and Mgmt</u>	3	* CS 245:	<u>System Anal & Design Methods</u>	3
* CS 315:	<u>Comp Arch & Assembler Lang</u>	4	* CS 286:	<u>Visual Programming</u>	3
	<u>Info Systems Track Elective³</u>	3	MI 285:	Core Curriculum Christian Faith	3
EX 101:	Wellness for Life	2	115:	Introduction to AR/DM/MU/TH	2
	Core Curriculum Social Science	3		Laboratory Science	4
	total	15		total	15
Fall 2017		Spring 2018			
* 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 Science²</u>	3
	Laboratory Science	4		<u>Info Systems Track Elective³</u>	3
	Elective	3	CO 215:	Public Speaking	3
	total	14		Electives [300+ level] ⁴	3
				total	15
Fall 2018		Spring 2019			
* CS 425:	<u>Principles of Networking</u>	4	* CS 355:	<u>Operating Systems</u>	3
CS 435:	<u>Senior Project I: Anal & Design</u>	3	CS 436:	<u>Senior Project II: Implementation</u>	3
PL____:	Introduction to Philosophy/Ethics	3	* PH 261:	<u>Analog & Digital Electronics</u>	2
	Electives	6	BR____:	Bible Elective [300+ level]	3
	total	16		Creative Studio Arts	1
				Electives [300+ level] ⁴	3
				total	15

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