

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 2016		Spring 2017			
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 2017		Spring 2018			
BA 252:	<u>Business Organization and Mgmt</u>	3	* CS 175:	<u>Web Scripting</u>	3
* CS 325:	<u>Data Structures</u>	4		<u>Info Systems Track Elective³</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 2018		Spring 2019			
* CS 315:	<u>Comp Arch & Assembler Lang</u>	4	* CS 245:	<u>System Anal & Design Methods</u>	3
* CS 425:	<u>Principles of Networking</u>	4	* CS 286:	<u>Visual Programming</u>	3
	Laboratory Science	4	* CS 355:	<u>Operating Systems</u>	3
	Elective	3	* PH 261:	<u>Analog & Digital Electronics</u>	2
			CO 215:	Public Speaking	3
				Creative Studio Arts	1
	total	15		total	15
Fall 2019		Spring 2020			
* CS 415:	<u>Database Management Systems</u>	3	CS 436:	<u>Senior Project II: Implementation</u>	3
CS 435:	<u>Senior Project I: Anal & Design</u>	3	CS 495:	<u>Internship in Computer Science²</u>	3
PL____:	Introduction to Philosophy/Ethics	3	BR____:	Bible Elective [300+ level]	3
	Electives	6		Electives [300+ level] ⁴	6
	total	15		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*).
- 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.