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

COMPUTER SCIENCE B.S. DEGREE   **Advisor: Dr. Lehman**
Mathematics Track

Fall 2013			Spring 2014		
CS 116:	Computer Concepts & Program I[2]	4	CS 216:	Programming II	3
MA 165:	Intro to Discrete Mathematics	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
	total	**16**		**total**	**16**
Fall 2014			**Spring 2015**		
* CS 315:	Comp Arch & Assembler Lang	4	* CS 245:	System Anal & Design Methods	3
MA 171:	Analytic Geometry & Calculus I	4	* CS 286:	Visual Programming	3
CO 215:	Public Speaking	3	MA 172:	Analytic Geometry and Calculus II	4
115:	Introduction to AR/MU/TH	2	PE 111:	Physical Education Activities	1
	Core Curriculum Social Science	3		Laboratory Science	4
	total	**16**		**total**	**15**
Fall 2015			**Spring 2016**		
* CS 325:	Data Structures	4	PH 212:	Principles of Physics II	4
* CS 415:	Database Management Systems	3	BR____:	Bible Elective [300+ level]	3
PH 211:	Principles of Physics I	4		Laboratory Science	4
PL____:	Introduction to Philosophy/Ethics	3		Elective	3
	Creative Studio Arts	1			
	total	**15**		**total**	**14**
Fall 2016			**Spring 2017**		
* CS 425:	Principles of Networking	4	* CS 355:	Operating Systems	3
CS 435:	Senior Project I: Anal & Design	3	CS 436:	Senior Project II: Implementation	3
	Electives	8	* MA 311:	Elements of Linear Algebra	4
			* PH 261:	Analog & Digital Electronics	2
				Electives [300+ level][3]	3
	total	**15**		**total**	**15**

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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. 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.