

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

COMPUTER SCIENCE B.S. DEGREE

Advisor: Drs. Wetherbee and Lehman

Fall 2008		Spring 2009			
<u>AC 241:</u>	<u>Principles of Accounting I</u>	3	<u>CS 216:</u>	<u>Programming II</u>	3
CS 116:	Computer Concepts & Program I ³	4	CS 245:	System Anal & Design Methods	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	PE 110:	Introduction to Physical Wellness	1
SS 111:	University Life ²	.5		Core Curriculum Social Science	3
total		16.5	total		16
Fall 2009		Spring 2010			
BA 252:	Business Organization and Mgmt	3	MA 161:	Math for Manager & Soc Science	4
EB 211:	Principles of Economics I	3	* PH 261:	Analog & Digital Electronics	2
BR 111:	Biblical History and Literature	3	CO 215:	Public Speaking	3
115:	Introduction to AR/MU/TH	2	MI 285:	Core Curriculum Christian Faith	3
	Laboratory Science	4		Elective	3
total		15	total		15
Fall 2010		Spring 2011			
* <u>CS 315:</u>	<u>Computer Architect & Assembler</u>	4	* <u>CS 286:</u>	<u>Visual Programming</u>	3
* <u>CS 325:</u>	<u>Data Structures</u>	4	* <u>CS 355:</u>	<u>Operating Systems</u>	3
	Creative Studio Arts	1	PE 111:	Physical Education Activities	1
	Electives [300+ level] ⁵	6		Laboratory Science	4
				Elective	4
total		15	total		15
Fall 2011		Spring 2012			
* <u>CS 415:</u>	<u>Database Management Systems</u>	3	CS 436	Senior Project II: Implementation	3
* <u>CS 425:</u>	<u>Principles of Networking</u>	4	BR____:	Bible Elective [300+ level]	3
<u>CS 435:</u>	<u>Senior Project I: Anal & Design</u>	3	CAP 475:	Capstone Seminar	2
PL____:	Introduction to Philosophy/Ethics	3		Electives	6
	Electives [300+ level] ⁵	3			
total		16	total		14

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. SS 111 is required in the fall semester of the freshman year for first-time freshman only.
3. CS 111 and CS 117 may be taken in place of CS 116.
4. A minor in mathematics, accounting, or business management is strongly recommended.
5. 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.