

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

COMPUTER SCIENCE B.S. DEGREE

Advisor: Dr. Wetherbee and Prof. Lehman

Fall 2003

HS 115:	Hist Persp on Cult & Civ I	3
EN 121:	English Composition	3
PE 110:	Intro. to Physical Wellness	1
<u>CS 116:</u>	<u>Computer Concepts & Programming I¹</u>	4
<u>MA 165:</u>	<u>Intro. to Discrete Mathematics</u>	3

total 14

Spring 2004

HS 116:	Hist Persp on Cult & Civ II	3
EN 151:	Introduction to Literature	3
	Electives	4
<u>CS 216:</u>	<u>Programming II</u>	3
<u>CS 245:</u>	<u>System Analysis and Design Methods</u>	3

total 16

Fall 2004

	Core Curric Social Science	3
	Electives	3
<u>BA 252:</u>	<u>Business Organization & Mgmt</u>	3
* <u>CS 325:</u>	<u>Data Structures</u>	4
<u>AC 241:</u>	<u>Principles of Accounting I</u>	3

total 16

Spring 2005

PE 111:	Physical Ed Activities	1
BR 111:	Biblical History & Literature	3
	Electives	2
* <u>CS 286:</u>	<u>Visual Programming</u>	3
* <u>CS 355:</u>	<u>Operating Systems</u>	3
<u>MA 161:</u>	<u>Math for Managerial & Soc Science</u>	4

total 16

Fall 2005

115:	Introduction to AR/MU/TH	2
	Elective [300+ level]	5
<u>EB 211:</u>	<u>Principles of Economics I</u>	3
* <u>CS 415:</u>	<u>Data Base Management</u>	3
* <u>CS 425:</u>	<u>Principles of Networking</u>	4

total 17

Spring 2006

SP 211:	Public Speaking	3
EM 285:	Understd the Christian Faith	3
PL 220:	Introduction to Philosophy	3
	Applied Art Experience	2
* <u>PH 261:</u>	<u>Electronics</u>	3
	Elective [300+ level]	3

total 17

Fall 2006

	Laboratory Science	4
BR___:	Bible Elective [300+ level]	3
* <u>CS 315:</u>	<u>Computer Architecture & Assembler</u>	4
<u>CS 435:</u>	<u>Senior Project I - Analysis & Design</u>	3

total 14

Spring 2007

	Laboratory Science	4
CAP 475:	Capstone Seminar	2
	Electives	6
<u>CS 436:</u>	<u>Senior Project II - Implementation</u>	3

total 15

NOTES:

1. CS 111 and CS 117 may be taken in place of CS 116.
2. A minor in mathematics, accounting, or business management is strongly recommended.
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 are required for graduation.

* Indicates alternating year course; underlining indicates required for major.