

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

**COMPUTER SCIENCE B.S. DEGREE**  
**Digital Media Track**

**Advisor: Dr. Lehman**

Fall 2013			Spring 2014		
<u>CS 116:</u>	<u>Computer Concepts &amp; Program I<sup>2</sup></u>	4	<u>CS 216:</u>	<u>Programming II</u>	3
DM 105:	Digital Tools & Media Mgmt	1	HS 116:	Hist Persp on Cult & Civ II	3
<u>MA 165:</u>	<u>Intro to Discrete Mathematics</u>	3	EN 151:	Perspectives on Literature	3
HS 115:	Hist Persp on Cult & Civ I	3	MI 285:	Core Curriculum Christian Faith	3
EN 121:	Academic Writing and Research	3		Core Curriculum Social Science	3
PE 110:	Introduction to Physical Wellness	1			
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
Fall 2014			Spring 2015		
* <u>CS 315:</u>	<u>Comp Arch &amp; Assembler Lang</u>	4	* <u>CS 245:</u>	<u>System Anal &amp; Design Methods</u>	3
<u>DM 220:</u>	<u>3D Computer I: Foundations</u>	3	* <u>CS 286:</u>	<u>Visual Programming</u>	3
BR 111:	Biblical History and Literature	3	<u>DM 320:</u>	<u>3D Computer II: Character Anim</u>	3
115:	Introduction to AR/MU/TH	2	CO 215:	Public Speaking	3
	Core Curriculum Social Science	3	PL____:	Introduction to Philosophy/Ethics	3
			PE 111:	Physical Education Activities	1
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
Fall 2015			Spring 2016		
* <u>CS 325:</u>	<u>Data Structures</u>	4	* <u>CS 175:</u>	<u>Web Scripting</u>	3
* <u>CS 415:</u>	<u>Database Management Systems</u>	3	<u>DM 384<sub>3D</sub>:</u>	<u>Advanced 3D Computer Graphics</u>	2
<u>DM 420:</u>	<u>3D Computer III: Environments</u>	3	<u>MA 161:</u>	<u>Math for Manager &amp; Soc Science</u>	4
	Creative Studio Arts	1		Laboratory Science	4
	Laboratory Science	4		Elective	3
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
Fall 2016			Spring 2017		
* <u>CS 425:</u>	<u>Principles of Networking</u>	4	* <u>CS 355:</u>	<u>Operating Systems</u>	3
<u>CS 435:</u>	<u>Senior Project I: Anal &amp; Design</u>	3	<u>CS 436:</u>	<u>Senior Project II: Implementation</u>	3
BR____:	Bible Elective [300+ level]	3	* <u>PH 261:</u>	<u>Analog &amp; Digital Electronics</u>	2
	Electives	6		Electives [300+ level] <sup>3</sup>	3
				Elective	3
	<b>total</b>	<b>16</b>		<b>total</b>	<b>14</b>

**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*).
- CS 111 and CS 117 may be taken in place of CS 116.
- 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.