

## COMPUTER SCIENCE

NAME	I.D.#	Expected Grad Date	B.S. Degree
<b>General Education Requirements</b>		<b>Major: 54 hours</b>	
has needs		has needs	
<u>3</u>	THEO 101 Christian Formation	<u>.5</u>	CSIS 104 Seminar I
<u>3</u>	BLIT 202 Christian Scriptures I	<u>3</u>	CSIS 105 First Time Programming <b>OR</b>
<u>3</u>	BLIT 303 Christian Scriptures II		CSIS 131 Intro to Web Programming
<u>3</u>	THEO 404 Christian Faith	<u>3</u>	CSIS 115 Computing and Society
<u>3-4</u>	ENGL 108 or 109 College Writing I	<u>4</u>	CSIS 245 Database and Information Systems
<u>3</u>	ENGL 210 College Writing II	<u>4</u>	CSIS 251 Principles of Programming I
<u>3</u>	COMM 105 Fundamentals of Communication	<u>.5</u>	CSIS 304 Seminar II
<u>3</u>	FINA 101 Intro to Fine Arts	<u>4</u>	CSIS 326 Network Administration and Theory
<u>3</u>	HIST 200 Western Civilization	<u>1</u>	CSIS 404 Senior Seminar
<u>3</u>	LIT 205 Studies in Literature	<b>Additional Required Computer Science courses:</b>	
<u>3</u>	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120	<u>3</u>	CSIS 252 Principles of Programming II
<u>3-8</u>	Elementary I, II Foreign Language <b>OR</b> approved International Culture courses	<u>3</u>	CSIS 255 Systems Administration
<u>3-4</u>	BIOL 201 General Biological Science <b>OR</b> approved biological Science lab course	<u>3</u>	CSIS 311 Discrete Mathematics
<u>3</u>	PHED 126 Nutrition or PHED 190 Wellness	<u>4</u>	CSIS 366 Computer Organization/Design
		<u>3</u>	CSIS 381 Systems Programming
		<u>3</u>	CSIS 453 Design Patterns
		<u>3</u>	CSIS 457 Software Engineering
		<u>3</u>	CSIS 475 Theory of Computation
		<u>3</u>	CSIS 485 Great Issues of Computing
		<u>3</u>	CSIS 491 Research Problems
		<u>3</u>	Additional Computer Science numbered above 200

**Required Supporting Courses:**

<u>3</u>	ENGN 270 Digital Systems
<u>4</u>	MATH 147 Calculus I
<u>1</u>	MATH 151 Freshman Seminar in Mathematics
<u>4</u>	MATH 241 Statistics
<u>3</u>	MATH 351 Linear Algebra
One of the following sequences:	
<u>8</u>	CHEM 103/104 General Chemistry I and II
<u>10</u>	PHYS 201/202 General Physics I and II
<u>8</u>	BIOL 125/126 Gen Biology I and II
OR two of the following:	
<u>4</u>	GEOL 105 Physical & Historical Geology
<u>4</u>	GEOL 121 Physical Geography
<u>4</u>	GEOL 130 Astronomy
<b>Plus</b> one additional science course from those listed _____	

A minimum GPA of 2.00 in all CSIS coursework is required for graduation.

**Recommended Supporting Courses** (one or more)

<u>3</u>	BSNS 367 Organizational Behavior
<u>3</u>	COMM 347 Organizational Communication
<u>3</u>	ENGL 315 Business and Technical Writing