

COMPUTER SCIENCE

NAME	I.D.#	Expected Grad Date	B.S. Degree
General Education Requirements			
<u>3</u>	THEO 101 Christian Formation		
<u>3</u>	BLIT 202 Christian Scriptures I		
<u>3</u>	BLIT 303 Christian Scriptures II		
<u>3</u>	THEO 404 Christian Faith		
<u>3</u>	ENGL 109 College Writing I		
<u>3</u>	ENGL 210 College Writing II		
<u>3</u>	COMM 105 Fundamentals of Communication		
<u>3</u>	FINA 101 Intro to Fine Arts		
<u>3</u>	HIST 200 Western Civilization		
<u>3</u>	LIT 205 Studies in Literature		
<u>3</u>	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120		
<u>0-8</u>	Elementary I, II Foreign Language OR approved International Culture courses		
<u>3-4</u>	BIOL 201 General Biological Science OR approved biological lab science course		
<u>3-5</u>	PHSC 102 General Physical Science OR other lab course from Chemistry, Geology, or Physics		
<u>2-3</u>	PHED 190 Wellness or PHED 126 Nutrition		
<u>1</u>	PHED 191 Applied Fitness		
Major: 55 hours			
CSIS Core:			
<u>4</u>	CSIS 125 Computer Science Principles		
<u>1</u>	CSIS 204 Career Seminar		
<u>4</u>	CSIS 245 Database and Information Systems		
<u>4</u>	CSIS 251 Principles of Programming I		
<u>4</u>	CSIS 326 Network Administration and Theory		
<u>1</u>	CSIS 404 Senior Seminar		
<u>3</u>	CSIS 485 Great Issues in Computing		
Major Courses:			
<u>3</u>	CSIS 252 Principles of Programming II		
<u>3</u>	CSIS 255 Systems Administration		
<u>3</u>	CSIS 311 Discrete Mathematics		
<u>4</u>	CSIS 381 Systems Programming		
<u>3</u>	CSIS 427 Security Administration		
<u>3</u>	CSIS 453 Design Patterns		
<u>3</u>	CSIS 457 Software Engineering		
<u>3</u>	CSIS 475 Theory of Computation		
<u>3-4</u>	CSIS 491 Research Problems OR CSIS 492 Software Development Project		
<u>5</u>	Additional CSIS hours		
Required Supporting Courses:			
<u>3</u>	ENGR 221 Digital Systems		
<u>4</u>	MATH 147 Calculus I		
<u>4</u>	MATH 241 Statistics		
<u>3</u>	MATH 351 Linear Algebra		
Recommended Supporting Courses: (one or more)			
<u>3</u>	BSNS 367 Organizational Behavior		
<u>3</u>	ENGL 311 Business Comm. and Technical Writing		

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