

Major in Computer Science - Bachelor of Arts

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
CS 1093, Making Connections - Computer Science	3	<input type="checkbox"/>
General Education Requirements:	Sem. Hrs.	
See General Education Curriculum for Baccalaureate degrees (p. 84)	35	<input type="checkbox"/>
<p>Students with this major must take the following:</p> <p><i>MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite</i></p> <p><i>PHYS 2034, University Physics I OR</i></p> <p><i>PHYS 2054, General Physics I</i></p> <p><i>ECON 2313, Principles of Macroeconomics OR</i></p> <p><i>ECON 2333, Economic Issues & Concepts</i></p> <p><i>COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)</i></p>		
Major Requirements:	Sem. Hrs.	
CS 1114, Concepts of Programming	4	<input type="checkbox"/>
CS 2114, Structured Programming	4	<input type="checkbox"/>
CS 2124, OOP and Fundamental Data Structures	4	<input type="checkbox"/>
CS 3113, Algorithms and Advanced Data Structures	3	<input type="checkbox"/>
CS 3233, Operating Systems	3	<input type="checkbox"/>
CS 4113, Software Engineering	3	<input type="checkbox"/>
CS 4143, Java and Application Development	3	<input type="checkbox"/>
CS 4313, Computer Networks	3	<input type="checkbox"/>
CS 4543, Database Systems	3	<input type="checkbox"/>
ENG 3043, Technical Writing	3	<input type="checkbox"/>
MATH 2183, Discrete Structures	3	<input type="checkbox"/>

MATH 2204, Calculus I OR MATH 2143, Business Calculus OR MATH 2194, Survey of Calculus	3-4	<input type="checkbox"/>
PHIL 3723, Computers, Ethics, and Society	3	<input type="checkbox"/>
STAT 3233, Applied Statistics I	3	<input type="checkbox"/>
Computer Science Electives <i>CS 1013 may not be used to satisfy this requirement. MATH 4533 may be used to satisfy this requirement</i>	12	<input type="checkbox"/>
Business Track (Select all of the courses in one of the following tracks): Electronic Commerce Track CIT 3353, Mobile and Web Applications Development CIT 4453, Global E-Commerce MKTG 3013, Marketing GCOM 3673, Digital Publishing and Publication Design Information Technology Track CIT 2523, Telecommunications and Networking Essentials CIT 4453, Global E-Commerce CIT 4653, Automatic Data Capture CIT 4853, IT Project Management General Business Track ACCT 2023, Fundamental Accounting Concepts FIN 3713, Business Finance LAW 2023, Legal Environment of Business MGMT 3153, Organizational Behavior MKTG 3013, Marketing	12-15	<input type="checkbox"/>
Sub-total	69-73	<input type="checkbox"/>
Electives:	Sem. Hrs.	
Electives	9-13	<input type="checkbox"/>
Total Required Hours:	120	