

Computer Information Systems B.S.C.I.S.

Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required courses in the major

COSC 1436	Introduction to Computer Science and Programming	4
COSC 1437	Programming Fundamentals II	4
CSCI 233	Application Program Development	3
COSC 2325	Introduction to Machine Language and Digital Logic	3
COSC 2336	Data Structures and Algorithms	3
CSCI 303	Technical Communication for Computing Professionals	3
CSCI 340	Database	3
CSCI 415	Ethics, Law & Cybersecurity	3
CSCI 434	Computer Networks	3
CSCI 359	Systems Analysis & Design	3
CSCI 380	Web Programming and Interface Design	3
CSCI 440	App Software Project Dev	3
9 semester hours of advanced CSCI courses		9

Required support courses *

MATH 1325	Mathematics for Business Applications II *	
ECO 302	Business and Economic Statistics	3
TMGT 358	Essentials of Project Management	3

Minor or Advisor Approved Focused Electives

A minimum of 18 semester hours required 18

Electives Required

Up to 7 semester hours of electives may be necessary 7

Total Hours 120

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Required support courses may be used to satisfy requirements of a minor/second major, thereby reducing the number of hours required. This program requires a minor or second major from another department; Accounting, General Business, Information Technology, or another area of business is recommended.

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This course will satisfy the university core curriculum requirement.

A grade of "C" or higher must be earned in all courses in this Major with the exception of the Support Course a grade of "D" is acceptable.