

COMPUTER INFORMATION SYSTEMS INFORMATION ASSURANCE SECURITY, BBA

Requirements

General Requirements

- 50 of the 60 hours listed under business core and major courses must be completed at A&M-SA.
- Must receive a grade of "C" or better in all MATH, CSCI, and CISA courses and their associated prerequisites for satisfactory passing grade.
- A minimum average GPA of 2.25 must be maintained in all CISA & CSCI core and elective courses to remain in program. Applies to transfer courses also.
- Academic credits transferred as substitution courses must be completed within previous five years of admission to A&M-SA.
- CIP Code: 52.1201

Code	Title	Credits
Core Curriculum ¹		
ENGL 1301	Composition I	3
ENGL 1302	Composition II	3
MATH 1314	College Algebra	3
	or MATH 1324 Math for Bus/Soc Sci I	
Life & Physical Science		3
Life & Physical Science		3
Language/Philosophy/Culture		3
Creative Arts		3
American History		3
American History		3
Government/Political Science		3
Government/Political Science		3
ECON 2301	Principles of Macroeconomics	3
ECON 2302	Principles of Microeconomics	3
UNIV 1301	First Year Seminar	3
Subtotal:		42
Required Support Courses		
BUAD 1301	Business Principles	3
QMBS 2305	Business Statistics I	3
ACCT 2301	Principles of Financial Acct	3
ACCT 2302	Principles of Managerial Acct	3
CSCI 1436	Programming Fundamentals I	4
Subtotal:		16
Business Core (Upper Level) ²		
ACCT 3301	Accounting for Non-Accnt Mjrs	3
BCOM 3304	Bus Communication	3
BLAW 3341	Business Law	3
QMBS 2301	Quantitative Skills-Business	3
QMBS 3360	Business Statistics II	3

CISA 2356	Systems Analysis and Design	3
FINC 3337	Principles of Corporate Finance	3
MGMT 3311	Principles of Management	3
MGMT 3320	Supply Chain & Operations Mgmt	3
MKTG 3311	Principles of Marketing	3
BUAD 4070	Business Capstone Lab ⁵	0
MGMT 4370	Strategic Management ³	3
Subtotal:		33
Major Courses		
CSCI 1437	Programming Fundamentals II	4
CISA 2306	Computer Networks	3
CISA 3309	Scripting Languages	3
CISA 3321	Information Security	3
CISA 3351	Database Design & SQL	3
Subtotal:		16
Concentration Requirements		
CISA 3325	Network Security	3
CISA 4323	Computer Forensics	3
CISA 4324	Security Risk Analysis	3
CISA 4326	Security & Operation Practicum	3
Subtotal:		12
Free Elective		1
Total Credits		120

¹ Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements and are recommended in the core to expedite degree completion.

² 2.0 overall GPA for major

³ To be taken in your last semester; the exit exam is a requirement that must be passed before graduation.

⁴ Experiential Learning Requirement: Must have at least 2 courses designed by the Mays Center as experiential learning courses, with at least 1 in the student's major. Click here (<https://catalog.tamusa.edu/undergraduate/business/>) to see the list of approved experiential learning courses.

⁵ BUAD 4070 Business Capstone Lab Requirement: Senior standing required; must be completed during the same semester as MGMT 4370 Strategic Management.

Plan of Study

This suggested plan of study is intended to be used as a guide in conjunction with official degree requirements outlined in the catalog. While this plan demonstrates a course of study that covers eight semesters, each student's academic path is unique and your timeline may look different. Students should regularly consult with academic advisors as they plan their course schedules as course offerings may vary.

First Year

First Semester		Credits
ENGL 1301	Composition I ¹	3
HIST 1301	US History to 1865 ¹	3
Life & Physical Science		3
MATH 1314	College Algebra ¹	3
	or MATH 1324 or Math for Bus/Soc Sci I	

BUAD 1301	Business Principles	3
UNIV 1301	First Year Seminar	3
Credits		18

Second Semester

ENGL 1302	Composition II ¹	3
HIST 1302	US History from 1865 ¹	3
Life & Physical Science ¹		3
Creative Arts ¹		3
CSCI 1436	Programming Fundamentals I	4
Credits		16

Second Year**First Semester**

GOVT 2305	Federal Government ¹	3
ACCT 2301	Principles of Financial Acct ¹	3
Language/Philosophy/Culture ¹		3
CSCI 1437	Programming Fundamentals II	4
ECON 2301	Principles of Macroeconomics ¹	3
Credits		16

Second Semester

GOVT 2306	Texas Government ¹	3
ACCT 2302	Principles of Managerial Acct ¹	3
ECON 2302	Principles of Microeconomics ¹	3
QMBS 2305	Business Statistics I	3
QMBS 2301	Quantitative Skills-Business	3
Credits		15

Third Year**First Semester**

ACCT 3301	Accounting for Non-Accnt Mjrs	3
BCOM 3304	Bus Communication	3
QMBS 3360	Business Statistics II	3
CISA 2306	Computer Networks	3
CISA 3309	Scripting Languages	3
Credits		15

Second Semester

FINC 3337	Principles of Corporate Finance	3
CISA 2356	Systems Analysis and Design	3
MGMT 3311	Principles of Management	3
MKTG 3311	Principles of Marketing	3
BLAW 3341	Business Law	3
Credits		15

Fourth Year**First Semester**

MGMT 3320	Supply Chain & Operations Mgmt	3
CISA 3351	Database Design & SQL	3
CISA 3321	Information Security	3
CISA 3325	Network Security	3
Credits		12

Second Semester

CISA 4326	Security & Operation Practicum	3
MGMT 4370	Strategic Management	3
BUAD 4070	Business Capstone Lab	0
CISA 4323	Computer Forensics	3

CISA 4324	Security Risk Analysis	3
Free elective		1
Credits		13
Total Credits		120

¹ Course may be taken at a community college.² For transfer students, 40 hours of Major courses + Major electives from A&M-SA are required.