

COMPUTER INFORMATION SYSTEMS, BACHELOR OF BUSINESS ADMINISTRATION

Requirements

General Requirements

| Code | Title | Credits |
|--------------------------|-------|------------|
| Core Curriculum | | 42 |
| Required Support Courses | | 16 |
| Business Core | | 33 |
| Major Courses | | 29 |
| Total Credits | | 120 |

- 50 of the 60 hours listed under business core and major courses must be completed at AM&-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: 52.1401

All students must complete the University's Core Curriculum (<https://catalog.tamusa.edu/undergraduate/academic-policies-procedures/core-curriculum/>) and the specific requirements of the major. In some cases, a course that is required for a major may also be counted towards the Core Curriculum.

Department probation and withdrawal:

For all departmental students in the Department of Computing and Cyber Security (CCS), to avoid department probation or withdrawal, the minimum GPA requirement in all CCS department courses (hereby called DCGPA) is 2.25. Courses with prefix CSCI, CISA, CETE, CSEC are departmental courses.

A student majoring in any of these disciplines is a departmental student: BS Computer Science (BSCS), BS Cyber Engineering Technology (BS-CETE), BS Cyber Security (BS-CSEC), BBA-Computer Information Systems (general and IA track) (BBA-CIS), and Bachelor of Applied Arts and Sciences (general and IA track) (BAAS-IT/BAAS-IT-IA).

Department probation

After a departmental student has completed four departmental courses, if the DCGPA drops below 2.25, the student will be placed on a department probation that term. In order to get off of department probation, a student must bring their DCGPA to 2.25 or higher by the following term. If the student does not bring their DCGPA to a 2.25 in one semester or term, the student will then be placed on a department withdrawal. A student can be on probation a maximum of two times. After that, the student will be placed on department withdrawal instead of department probation.

Department withdrawal

A student who has been placed on department probation and earns the DCGPA below 2.25 will be placed on department withdrawal. Because

it is the first withdrawal, the student will be required to complete a departmental appeal, submit a personal letter, and an academic success plan of action to bring the DCGPA to 2.25 or higher by the following term. The plan has to be approved by the department chair or a designee. If a student is unable to bring the DCGPA to 2.25 or higher in one semester, the student will be required to select another major out of the department. A student can be on withdrawal only once. A second withdrawal will require a student to select a major out of the department.

Mandatory requirements for students on department probation and withdrawal

1. Meet with an Academic Success Coach for coaching on appropriate tutoring, study habits, etc.
2. Meet with their academic advisors and faculty mentors to seek guidance on computing course and careers.
3. Not register for more than 9 hours of departmental courses in the semester following probation/withdrawal.

| 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 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 |
| CISA 4358 | Senior Project and Seminar | 3 |
| Upper Division CISA Elective | | 3 |
| Upper Division CISA Elective | | 3 |
| COB-Approved Ethics Course | | 3 |
| BUAD 4301 | Ethical Decisions | |
| BUAD 4303 | Ethical Decisions Spcl Topics | |
| Other COB-approved ethics course | | |
| Free Elective | | 1 |
| Subtotal: | | 29 |
| 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 | |
| SPCH 1315 | Fundamentals of Public Speaking ¹ | 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 |
| CSCI 1436 | Programming Fundamentals I | 4 |
| | Creative Arts ¹ | 3 |
| 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-Acct 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 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/Business Elective | 3 |
| Credits | | 12 |

Second Semester

| | | |
|-----------|-----------------------------------|---|
| CISA 4358 | Senior Project and Seminar | 3 |
| MGMT 4370 | Strategic Management | 3 |
| BUAD 4170 | Business Capstone Lab | 1 |
| | Upper Division CISA/CSCI Elective | 3 |

| | |
|-----------------------------------|------------|
| Upper Division CISA/CSCI Elective | 3 |
| 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.