BAAS: INFORMATION TECHNOLOGY CONCENTRATION

Requirements

General Requirements

Code	Title	Credits
Core Curriculum		42
Required Support Courses		12
Technical/Vocational Credits		18-42
IT Emphasis Area		36
Electives		0-12
Total Credits		**120**

- The 36 upper-division hours required for this degree must be completed at A&M-SA to satisfy residency requirements.
- 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 courses cannot be counted towards technical/vocational credits.
- Technical/vocational credits from non-approved colleges requires dept chair and dean approval.
- Academic technical/vocational credits transferred as substitution courses must be completed within previous five years of admission to A&M-SA.
- CIP Code: 30.9999

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
or ENGL 2311	Technical Writing	
MATH 1342	Introductory Statistics	3
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
Social & Behavioral Science		3
MATH 1314	College Algebra	3
Component Option Course from Approved List		3
Subtotal:		42
Required Support Courses		
CSCI 1436	Programming Fundamentals I	0-4
CSCI 1437	Programming Fundamentals II	0-4
UNIV 1301	First Year Seminar	3
CISA 4101	Jag Tracks III: Cmptr Info Sys	1

Subtotal:		4-12
Technical/Vocational Credits		
En bloc credits must be taken in the field of Information Technology area.		18-42
Subtotal:		18-42
IT Emphasis Area		
All courses below must be taken at A&M-SA		
BCOM 3304	Bus Communication	3
CISA 2306	Computer Networks	3
Select one of the following:		3
CISA 2354	Cobol Programming I	
CISA 3309	Scripting Languages	
CISA 4335	ABAP SAP Programming	
CISA 3321	Information Security	3
CISA 3351	Database Design & SQL	3
CISA 3356		3
CISA 4358	Senior Project and Seminar	3
Upper Division CISA or CSCI Course		3
Upper Division CISA or CSCI Course		3
Upper Division CISA or CSCI Course		3
Upper Division CISA or CSCI Course		3
Upper-Division CISA Course or Business Elective		3
Subtotal:		36
Electives		
As needed to complete 120 credit hours required		0-12
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.

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		
Fall		**Credits**
ENGL 1301	Composition I [1]	3
HIST 1301	US History to 1865 [1]	3
Life & Physical Science [1]		3
MATH 1314	College Algebra [1]	3
Social & Behavioral Science [1]		3
UNIV 1301	First Year Seminar	3
	Credits	**18**
Spring		
ENGL 1302 or ENGL 2311	Composition II [1] or Technical Writing	3
HIST 1302	US History from 1865 [1]	3
CSCI 1436	Programming Fundamentals I	4
Life & Physical Science [1]		3
Creative Arts [1]		3
	Credits	**16**
Second Year		
Fall		
GOVT 2305	Federal Government [1]	3
MATH 1342	Introductory Statistics [1]	3
CSCI 1437	Programming Fundamentals II	4
Language/Philosophy/Culture [1]		3
	Credits	**13**
Spring		
GOVT 2306	Texas Government [1]	3
Component Option Course from Approved List [1]		3
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
	Credits	**15**
Third Year		
Fall		
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
	Credits	**15**
Spring		
Technical Vocational Credit [1]		3
Technical Vocational Credit [1]		3
CISA 2306	Computer Networks	3
BCOM 3304	Bus Communication	3
CISA 3309	Scripting Languages	3
	Credits	**15**
Fourth Year		
Fall		
CISA 3356		3
CISA 3351	Database Design & SQL	3
CISA 3321	Information Security	3
CISA 3325	Network Security	3
CISA 4101	Jag Tracks III: Cmptr Info Sys	1
	Credits	**13**
Spring		
CISA 4358	Senior Project and Seminar	3
Upper Division CISA/Business Elective		3
Upper Division CISA/CSCI Elective		3
Upper Division CISA/CSCI Elective		3
Upper Division CISA/CSCI Elective		3
	Credits	**15**
	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.