

Bachelor of Applied Arts & Sciences- Information Technology Concentration- Bachelors Degree

A&M-SA BAAS -IT Program (2019-20 Catalog, Total 120 hours)

Plan for High School (4-Year Plan) or Transfer Students. Highlighted Courses may be taken at a Community College.

Freshman Year

Fall Semester		Hrs	Spring Semester		Hrs
ENGL 1301	<i>Composition I - Prereq: TSI R</i>	3	ENGL 1302/ ENGL 2311	<i>Composition II or Technical Writing - Prereq: ENGL 1301</i>	3
HIST 1301	<i>US History to 1865 - Prereq: TSI</i>	3	HIST 1302	<i>US History since 1865 - Prereq: TSI</i>	3
	<i>Science Course I</i>	3		<i>Science Course II</i>	3
MATH 1314	<i>College Algebra</i>	3	CSCI 1336	<i>Programming Fundamentals I - Prereq: MATH 1314 or equi, Coreq: CSCI 1136</i>	3
	<i>Social & Behavioral Science</i>	3	CSCI 1136	<i>Programming Fundamentals I Lab - Prereq: MATH 1314 or equi, Coreq: CSCI 1336</i>	1
UNIV 1101	<i>JagTracks 1 - Univ Requirement</i>	1		<i>Creative Arts</i>	3
Total		16	Total		16

Sophomore Year

Fall Semester		Hrs	Spring Semester		Hrs
GOVT 2305	<i>Federal Government - Prereq: TSI R</i>	3	GOVT 2306	<i>Texas Government - Prereq: TSI R</i>	3
MATH 1342	<i>Introductory Statistics</i>	3		<i>Component Option Course from Approved List</i>	3
CSCI 1337	<i>Programming Fundamentals II - Prereq: CSCI 1336, CSCI 1136</i>	3		<i>Technical Vocational Credits</i>	3
CSCI 1137	<i>Programming Fundamentals II Lab - Prereq: CSCI 1336, CSCI 1136, Coreq: CSCI 1337</i>	1		<i>Technical Vocational Credits</i>	3
	<i>Lang/Phil/Culture</i>	3		<i>Technical Vocational Credits</i>	3
UNIV 2101	<i>JagTracks II - Univ Requirement</i>	1			
Total		14	Total		15

Junior Year

Fall Semester		Hrs	Spring Semester		Hrs
	<i>Technical Vocational Credits</i>	3		<i>Technical Vocational Credits</i>	3
	<i>Technical Vocational Credits</i>	3		<i>Technical Vocational Credits</i>	3
	<i>Technical Vocational Credits</i>	3	CISA 2306	<i>Computer Networks - Prereq: MATH 1314</i>	3
	<i>Technical Vocational Credits</i>	3	BCOM 3304	<i>Business Communications - Prereq: ENGL 1301 and ENG 1302</i>	3
	<i>Technical Vocational Credits</i>	3	CISA 3309	<i>Scripting Languages - Prereq: CSCI 1337, CSCI 1137</i>	3
CSCI 3101	<i>JagTracks 3</i>	1			
Total		16	Total		15

Senior Year

Fall Semester		Hrs	Spring Semester		Hrs
CISA 3356	<i>Systems Analysis and Design</i>	3	CISA 4358	<i>Senior Project & Seminar - Prereq: CISA 3351, CISA 3356</i>	3
CISA 3351	<i>Database Design and SQL - Prereq: CSCI 1336, CSCI 1136</i>	3		<i>Upper Division CISA/Business Elective</i>	3
CISA 3321	<i>Information Security - Prereq: CISA 2306</i>	3		<i>Upper Division CISA/CSCI Elective</i>	3
CISA 3325	<i>Network Security - Prereq: CISA 2306 or CSCI 4406 and CSCI 3321 or CSCI 4321</i>	3		<i>Upper Division CISA/CSCI Elective</i>	3
CSCI 4101	<i>JagTracks 4</i>	1		<i>Upper Division CISA/CSCI Elective</i>	3
Total		13	Total		15

Notes:

(i): For transfer students, 40 hours of Major courses + Major electives from A&M-SA are required

(ii): See Official University Catalog for all applicable requirements

