

# BACHELOR OF APPLIED ARTS & SCIENCES INFORMATION TECHNOLOGY CONCENTRATION

2019-2020 Degree Plan

CORE CURRICULUM (See note below)		42 SCH	
		Grd	SCH
<b>(010) COMMUNICATION</b>			
ENGL 1301 Composition I			3
ENGL 1301 Composition II or ENGL 2311 Technical Writing			3
<b>(020) MATHEMATICS</b>			
MATH 1342 Introductory Statistics			3
<b>(030) LIFE AND PHYSICAL SCIENCES</b>			
Life & Physical Science			3
Life & Physical Science			3
<b>(040) LANGUAGE, PHILOSOPHY AND CULTURE</b>			
Language/Philosophy/Culture			3
<b>(050) CREATIVE ARTS</b>			
Creative Arts			3
<b>(060) AMERICAN HISTORY</b>			
American History			3
American History			3
<b>(070) GOVERNMENT/POLITICAL SCIENCE</b>			
Government/Political Science			3
Government/Political Science			3
<b>(080) SOCIAL AND BEHAVIORAL SCIENCE</b>			
Social & Behavioral Science			3
<b>(090) COMPONENT AREA OPTION</b>			
MATH 1314 College Algebra			3
Component Option Course from Approved List			3
<b>REQUIRED SUPPORT COURSES</b>		<b>12 SCH</b>	
		Grd	SCH
CSCI 1336 Programming Fundamentals I			3
CSCI 1337 Programming Fundamentals II			3
CSCI 1136 Programming Fundamentals I Laboratory			1
CSCI 1137 Programming Fundamentals II Laboratory			1
UNIV 1101 Jaguar Tracks I			1
UNIV 2101 Jaguar Tracks II			1
CISA 3101 Jaguar Tracks III Computer Information Sys			1
CISA 4101 Jaguar Tracks IV Computer Information Sys			1
<b>TECHNICAL/VOCATIONAL CREDITS</b>		<b>18-42 SCH</b>	
<i>En bloc credits must be taken in the field of Information Technology area.</i>		Grd	SCH

*IT EMPHASIS AREA		36 SCH	
<i>All courses below must be taken at A&amp;M-SA</i>			
		Grd	SCH
BCOM 3304 Business Communication			3
CISA 2354 COBOL Programming, 3309 Scripting Languages, or 3335 ABAP SAP Programming			3
CISA 3351 Database Design and SQL			3
CISA 3356 Systems Analysis and Design			3
CISA 2306 Computer Networks			3
CISA 3321 Information Security			3
CISA 4358 Senior Project & 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
<b>ELECTIVES</b>			
As needed to complete 120 credit hours required		Grd	SCH

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- THE 36 UPPER-DIVISION HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT
- 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 OR TECHNICAL/VOCATIONAL CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Note about core curriculum courses:** 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.