

BACHELOR OF SCIENCE-INFORMATION TECHNOLOGY

Degree Requirements for Bachelor of Science in Information Technology

Students should refer to their DegreeWorks degree audit located in their Digital Backpack for more information regarding their specific degree requirements.

Code	Title	Hours
General Education Requirements (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		42
Major Requirements		
MATH 2413	Calculus I satisfies core curriculum	4
BSIT 310		3
BSIT 1315	Introduction to Computer Science	3
BSIT 420	Computer Networks	3
BSIT 485		3
BSIT 361	Database System and Design	3
BSIT 410	Operating Systems	3
BSIT 390		3
BSIT 316	Web and UI Design	3
BSIT 481		3
BSIT 315		3
BSIT 471	Network Security and Policy	3
EE 340	Computer Architecture	3
BSIT 325		3
BSIT 450		3
BSIT 404		3
BDA 355	Python Programming	3
BSIT 495		3
BSIT 472		3
BSIT 350		3
BSIT 1316		3
BSIT 496		3
BSIT 470		3
BSIT 465	Computer & Information Security	3
BDA 360		3
6sch upper division BSIT electives		6
Total Hours required for Degree		120

4 Year Plan

Students should refer to their DegreeWorks degree audit in their Web for Students account for more information regarding their degree requirements.

First Year

Code	Title	Hours
Fall		Semester Credit Hours
ENGL 1301	Composition I requires minimum grade of 'C', Satisfies Core Curriculum	3
SPCH 1315	Public Speaking	3
or COMM 1311	Introduction to Communication Studies	
Life and Physical Sciences Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3-4
Mathematics Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/) If needed for prerequisite for MATH 2413		3

Language, Philosophy and Culture Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
Fall Total Semester Credit Hours		16
Spring		Semester Credit Hours
HIST 1301	United States History I Satisfies Core Curriculum	3
ENGL 1302 or ENGL 2311	Composition II Satisfies Core Curriculum Technical Writing & Communication	3
MATH 2413	Calculus I	4
Life and Physical Sciences Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3-4
Creative Arts Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
Spring Total Semester Credit Hours		16
Total First Year Semester Credit Hours		32

Year 2

Code	Title	Hours
Fall		
HIST 1302	United States History II	3
PSCI 2305	U.S. Government and Politics	3
BSIT 310		3
BSIT 1315	Introduction to Computer Science	3
Social and Behavioral Sciences Core Curriculum Requirement (http://catalog.tamut.edu/academic-information/university-core-curriculum/)		3
Fall Semester Total Credit Hours		15
Spring		
PSCI 2306	State and Local Government	3
BSIT 420	Computer Networks	3
BSIT 485		3
BSIT 361	Database System and Design	3
BSIT 410	Operating Systems	3
Spring Semester Total Credit Hours		15
Year 2 Total Semester Credit Hours		30

Year 3

Code	Title	Hours
Fall		
BSIT 390		3
BSIT 316	Web and UI Design	3
BSIT 315		3
BSIT 471	Network Security and Policy	3
3sch Upper Division BSIT Elective 300-400 level course		3
Fall Semester Total Credit Hours		15
Spring		
EE 340	Computer Architecture	3
BSIT 325		3
BSIT 450		3
BDA 355	Python Programming	3
BSIT 404		3
Spring Semester Total Credit Hours		15
Year 3 Total Semester Credit Hours		30

Year 4

Code	Title	Hours
Fall		
BSIT 495		3
BSIT 472		3
BSIT 350		3
BSIT 1316		3
3sch Upper Division BSIT Elective	^{300-400 level course}	3
Fall Semester Total Credit Hours		15
Spring		
BSIT 496		3
BSIT 470		3
BSIT 465	Computer & Information Security	3
BDA 360		3
3sch Upper Division BSIT Elective	^{300-400 level course}	3
Spring Semester Total Credit Hours		15
Year 4 Total Semester Credit Hours		30
Total Hours required for Degree		120

Note: A minimum of 54 upper division hours (300 and 400 level courses) are required for this degree. Resident credit totaling 25% of the hours is required for the degree. A minimum GPA of 2.0 is required in three areas for graduation: Overall GPA, Institutional GPA, and Major GPA.