

NAME: _____ T#: _____



Bachelor of Science in Information Technology - 8-Semester Guaranteed Program

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at <http://www.atu.edu/academics/catalog/>.

Employment Information: Computer and Information Systems Manager, Computer Systems Analyst, IT Administrator, Webmaster

#Remedial Courses (if applicable): ENGL 0303____ ENGL 0404____ READ 0103____ MATH 0903____

Prerequisites (if applicable): MATH 1113 (ACTS = MATH 1103)____, COMS 1003 (ACTS = CPSI 1003)____

Semester 1 Course Information	Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#	
Science with Lab	4		PHSC 1013/1021 (ACTS = PHSC 1004) required for AAS-IT
TECH 1001 - Orientation to the University	1		
MATH 2243 - Calculus for Business (ACTS = MATH 2203)	3	#	Prereq: MATH ACT 22 >
COMS 1403 - Orientation to Computing, Info, & Tech	3		Milestone
COMS 1411 - Computer and Information Science Lab	1		
Total hours	15	GPA	

Semester 2 Course Information	Hrs.	Grade	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#	
SPH 2173 - Business and Professional Speaking Social Sciences	3		No substitutions allowed
COMS 1333 - Web Publishing I	3		
COMS 2104 - Foundations of Computer Prog. I	4	#	Milestone
Total hours	16	GPA	

Semester 3 Course Information	Hrs.	Grade	Notes
ENGL 2053 - Technical Writing (ACTS = ENGL 2023)	3		
COMS 2203 - Foundations of Computer Prog II	3		Milestone
COMS 2333 - Web Publishing II	3		
COMS 2903 - Discrete Structures	3		Milestone
COMS 2703/2700 - Networks and Architecture/LAB	3		
Total hours	15	GPA	

Semester 4 Course Information	Hrs.	Grade	Notes
BUAD 2053 - Business Statistics (ACTS = BUSI 2103)	3		
COMS 2003 - Microcomputer Applications	3		Prereq: COMS 1003
COMS 2213 - Data Structures	3		Milestone
COMS 2713 - Survey of Operating Systems	3		
COMS 2733 - Intro to Computer Forensics and Security	3		
Total hours	15	GPA	COMS ADVISOR ASSIGNED

indicates a "C" or better is required

Shading indicates courses that would directly apply to the AAS-IT degree.

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at <http://acts.adhe.edu/>

Fine Arts and Humanities	U.S. History & Government
ART 2123 - Experiencing Art (ACTS = ARTA 1003)	HIST 1903 - Survey of American History
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)
ENGL 2003 - Intro to World Literature (ACTS = ENGL 2113)	Science with Lab
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)

Semester 5 Course Information	Hrs.	Grade	Notes
Fine Arts & Humanities	3		
U.S. History/Government	3		
COMS 3233 - Database Design and Implementation	3		
COMS 3903 - Systems Software and Architecture	3		
COMS 4313 - Server Administration	3		
Total hours	15	GPA	

Semester 6 Course Information	Hrs.	Grade	Notes
Science with Lab	4		
COMS 2163 - Scripting Languages	3		
COMS 3523 - Human Factors in IT	3		
COMS 4703/4700 - Data Comms. and Networks/LAB	3		
General Elective (3000-4000)	1		
Total hours	14	GPA	APPLY FOR GRADUATION

Semester 7 Course Information	Hrs.	Grade	Notes
ECON 2003 - Principles of Economics I (ACTS = ECON 2103)	3		
COMS 4033 - Systems Analysis and Design I	3		
COMS 4213 - Database Administration	3		
COMS 4713/4710 - Heterogeneous Networks/ Lab	3		
COMS Elective (3000-4000)	3		
Total hours	15	GPA	

Semester 8 Course Information	Hrs.	Grade	Notes
Fine Arts & Humanities	3		Graduation Requirements: Students must complete 120 hours and achieve a 2.0 GPA or higher with at least 40 hours over 3000 level. No more than 4 hours can be in PE.
COMS 3053 - Implications of Technology on Society	3		
COMS 4043 - Systems Analysis and Design II	3		
COMS 4063 - IT Project Administration	3		
General Elective (3000-4000)	3		
Total Hours	15	GPA	

General Electives: 4 hours

Social Sciences	
HIST 1503 - World History to 1500 (ACTS = HIST 1113)	ECON 2013 - Princ of Economics II (ACTS = ECON 2203)
HIST 1513 - World History since 1500 (ACTS = HIST 1123)	SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)
HIST 1543 - Honors History Civilization to 1500	PSY 2003 - General Psychology (ACTS = PSYC 1103)
HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)	ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)	ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)
HIST 2043 - Honors U.S. History to 1877	GEOG 2013 - Regional Geography (ACTS = GEOG 2103)
HIST 1903 - Survey of American History	AMST 2003 - American Studies
POLS 2003 - American Government (ACTS = PLSC 2003)	Speech Courses
ECON 2003 - Princ of Economics I (ACTS = ECON 2103)	SPH 1003 - Intro to Speech Com (ACTS = SPCH 1003)
ECON 2103 - Honors Principles of Economics I	SPH 2003 - Public Speaking
	SPH 2173 - Business and Professional Speaking