

**2024-2025 Degree Map-Associate of Applied Science in Information Technology**

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 <https://catalog.atu.edu/>

#Prerequisite Courses: ENGL 0303 \_\_\_ MATH 0803 \_\_\_ MATH 1003 \_\_\_ MATH 0903 \_\_\_ MATH 1113 \_\_\_ MATH 1110 \_\_\_

**Sample Schedule**

Semester 1		Milestones/Notes	
Hrs.	Grade	Semester 1	
ENGL 1013- Comp I (ACTS=ENGL 1013)	3	#	
MATH 1113- College Algebra (ACTS= MATH 1103)	3	#	Or higher level math
TECH 1001- Orientation to the University	1		
CSEC 1003- Introduction to Cybersecurity	3		
CSEC 1113- Introduction to Networking	3		
COMS 1333- Web and Mobile Technologies	3		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	

Semester 2		Semester 2	
Hrs.	Grade	Semester 2	
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	
COMS 1013- Programming Foundations I	3	#	Prereq: MATH 1113 or higher
COMS 1011- Programming Foundations I Lab	1	#	PASS/FAIL - Coreq: COMS 1013
COMS 2703- Computer Hardware & Architecture	3		
Social Sciences	3		
General Electives*	3		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	

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 by searching keyword "ACTS" at <https://adhe.edu/>

<p><b>Fine Arts and Humanities</b>                  ART 2123 Experiencing Art (ACTS=ARTA1003)                  MUS 2003 Survey of Music History (ACTS=MUSC1003)                  TH 2273 Introduction to Theatre (ACTS=DRAM 1003)                  ENGL/JOUR 2173 Introduction to Film                  ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)                  ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)                  PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)                  PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)                  1013 from SPAN, FR, GER, JPN, CHIN, or LAT                  1023 from SPAN, FR, GER, JPN, CHIN, or LAT                  LEAD 2003 Ethics in Leadership</p>	<p><b>U.S. History &amp; Government</b>                  HIST 1903 Survey of American History                  HIST 2003 U.S. History to 1877 (ACTS=HIST2113)                  HIST 2013 U.S. History since 1877 (ACTS=HIST2123)                  POLS 2003 American Government (ACTS=PLSC2003)</p> <p><b>University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum.</b></p>
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Possible Careers: Software Development, Web Development, Database Development or Administration, Project Management, Quality Assurance, Technical Consulting, E-Commerce Development. Various Entry Level Roles in the Field of Information Technology. Technical Support Specialist, Help Desk Technician, IT User

**Sample Schedule**

Semester 3		Milestones/Notes	
Hrs.	Grade	Semester 3	
Science with Lab	4		
COMS 2203- Programming Foundations II	3	#	Prereq: # COMS 1013 & # MATH 1113 or higher
COMS 2713- Survey of Operating Systems	3		COMS 3703 Adv. Operating Systems will sub
General Electives*	3		
General Electives*	3		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	

Semester 4		Semester 4	
Hrs.	Grade	Semester 4	
COMM 2173- Business and Professional Speaking	3		COMM 2003 Public Speaking may sub
ENGL 2053-Technical Writing (ACTS=ENGL 2023)	3		Prereq: ENGL 1023
General Electives*	3		<b>Graduation Requirements:</b> No more than 4 PE activity hours Min. hours required:60 2.00+ GPA
General Electives*	3		
<b>Total hours</b>	<b>12</b>	<b>GPA</b>	

General Electives: 15 hours

# indicates a "C" or higher is required

**Shading indicates courses that would directly apply to BS-IT degree tracks.**

<p><b>Social Sciences</b>                  HIST 1503 World History to 1500 (ACTS=HIST1113)                  HIST 1513 World History since 1500 (ACTS=HIST1123)                  HIST 2003 U.S. History to 1877 (ACTS=HIST2113)                  HIST 2013 U.S. History since 1877 (ACTS=HIST2123)                  HIST 1903 Survey of American History                  POLS 2003 American Government (ACTS=PLSC2003)                  ECON 2003 Principles of Macroeconomics (ACTS=ECON2103)                  ECON 2013 Principles of Microeconomics (ACTS=ECON2203)                  SOC 1003 Introductory Sociology (ACTS=SOCI1013)                  PSY 2003 General Psychology (ACTS=PSYC1103)</p>	<p><b>Social Sciences</b>                  ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)                  ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)                  GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)                  AMST 2003 American Studies                  FIN 2013 Personal Finance                  LEAD 1003 Introduction to Leadership</p> <p><b>Science with Lab</b>                  BIOL 1014- Intro. to Biological Science (ACTS= BIOL1004)                  BIOL/PHSC 1004- Principles of Environmental Science                  GEOL 1014- Physical Geology (ACTS= GEOL 1114)</p>
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\*Students interested in obtaining a BS-IT should choose electives that count toward BS-IT. Also consider CP in Computer Programming, see catalog