INFORMATION TECHNOLOGY, BACHELOR OF ARTS

The Bachelor of Arts in Information Technology is a multidisciplinary degree integrating an understanding of computer technology, information management, information processing, communications, discipline-specific knowledge, information resources administration, and the ability to recognize relationships between technical systems and social structures. The program prepares graduates to design, implement, analyze, and manage information resources and use information technology to gain, produce, and manage knowledge to solve problems in health, industry, government, and educational settings.

Code	Title	Hours
General Education Courses (https://academic-catalog.uscupstate.edu/academic-programs/general-education-courses/)		
I. Communication		
English:		
Select two of the following:		6
ENGL U101	Composition I	
ENGL U102	Composition II	
Speech:		
SPCH U201	Foundations in Oral Communication	3
II. Mathematics, Logic & Natural Sciences		
Mathematics:		
Select one of the following:		3-4
MATH U121	College Algebra	
MATH U122	Calculus for Management and Social Sciences	
MATH U126	Precalculus I	
MATH U127	Precalculus II	
MATH U141	Calculus I	
MATH U142	Calculus II	
Natural Science (w/ lab):		
Select one of the following:		4
ASTR U111 & U111L	Descriptive Astronomy and Descriptive Astronomy Laboratory	
BIOL U101 & U101L	Introductory Biology I and Introductory Biology I Lab	
BIOL U102 & U102L	Introductory Biology II and Introductory Biology II Lab	
BIOL U110 & U110L	General Biology and General Biology Lab	
BIOL U143 & U143L	Foundations of Human Physiology and Foundations of Human Physiology Laboratory	
CHEM U106 & U106L	Chemistry and Society and Chemistry and Society Lab	
CHEM U109 & U109L	Chemistry of Living Things and Chemistry of Living Things Lab	
CHEM U111 & U111L	General Chemistry and General Chemistry Lab	
CHEM U112 & U112L	General Chemistry and Qualitative Analysis and General Chemistry and Qualitative Analysis Lab	
GEOL U101 & U101L	Physical Geology and Physical Geology Lab	
GEOL U102 & U102L	Historical Geology and Historical Geology Lab	
GEOL U103 & U103L	Environmental Geology and Environmental Geology Lab	
PHYS U101 & U101L	Introduction to Physical Science and Introduction to Physical Science Laboratory	
PHYS U201 & U201L	General Physics I and General Physics I Lab	
PHYS U202 & U202L	General Physics II and General Physics II Lab	
Select one additional course from the above list with or without laboratory or:		3-4
BIOL U206	Genetics and Society	
BIOL U240	Human Biology and Society	
BIOL U260	Emerging Infectious Diseases	
BIOL U270	Environmental Science	
GEOL U104	Natural Disasters	
GEOL U120	Geology of the Southeast	
Math and/or Logic:		
Select one of the following:		3
ECON U291	Probability and Statistics	
MATH U102	Elementary Statistics	
PSYC U225	Psychological Statistics	
SOCY U201	Introduction to Statistics for the Social Sciences	
III. Information Technology		
Information Technology:		
Select one of the following:		3
INFO U101	Survey of Information Technology	
INFO U102	Introduction to Digital Safety	
CSCI U138	Introduction to Computer Technology	
CSCI U150	Introduction to Computer Science	
IV. Fine Arts, Humanities & History		
Fine Arts:		
Select one of the following:		3
AFAM U204	African American Culture	
ARTH U101	Introduction to Art	
ARTH U105	History of Western Art: Prehistory - Middle Ages	
ARTH U106	History of Western Art: Renaissance - Modern	
ENGL U208	Introduction to Creative Writing	
MUSC U110	Introduction to Music	
MUSC U140	History of American Popular Music	
THEA U161	Introduction to Theatre Art	
THEA U170	Fundamentals in Acting	
History:		
Select one of the following:		3
HIST U101	Introduction to World History I	
HIST U102	Introduction to World History II	
HIST U105	History of the United States to 1877	
HIST U106	History of the United States from 1865	
V. Foreign Language & Culture		
Foreign Language:		

Select one of the following: [1]		3
ASLG U101	American Sign Language I	
ASLG U102	American Sign Language II	
FREN U101	Introductory French I	
FREN U102	Introductory French II	
GERM U101	Introductory German I	
GERM U102	Introductory German II	
SPAN U101	Introductory Spanish I	
SPAN U102	Introductory Spanish II	
SPAN U201	Intermediate Spanish	

VI. Social & Behavioral Sciences

Social & Behavioral Science:

Select one of the following:		3
ANTH U102	Understanding Other Cultures	
AFAM U201	Introduction to African American Studies	
CRJU U101	Introduction to Criminal Justice	
ECON U221	Principles of Macroeconomics	
ECON U222	Principles of Microeconomics	
GEOG U103	Introduction to Geography	
POLI U101	American National Government	
PSYC U101	Introduction to Psychology	
SOCY U101	Introduction to Sociology	
SPCH U210	Interpersonal Communication	
UNIV U201	Leadership Development I	
WGST U101	Introduction to Women's & Gender Studies	

VII. General Education Electives

General Education Electives:

Select any approved general education course or courses (https://academic-catalog.uscupstate.edu/academic-programs/general-education-courses/)	6-8

Major Requirements [2]

Information Technology Core

Foundation:

INFO U201	Concepts of Information Management and Systems	3
INFO U139	Introduction to Object-Oriented Applications	3
INFO U211	Microcomputer Organization	3
INFO U307	Systematic Innovation	3

Informatics:

INFO U303	Organizational Informatics and IT Platforms	3
INFO U305	Social Informatics	3

Networking Technology:

INFO U315	Networking Technology	3
INFO U415	E-Commerce & the Internet	3

Database Technology:

INFO U325	Fundamentals of Relational Database Management Systems	3
INFO U421	Data Warehousing and Decision Support Systems Technology	3

IT Management:

INFO U441	IT Project Management	3
INFO U450	Executive IT Management	3

Capstone:

INFO U499	Senior Seminar in Information Management and Systems	3

Digital Media & Comm. Core

ENGL U245	Business Writing	3
INFO U345	Technical Presentation and Communication	3
INFO U347	Web Page Construction	3

Upper Level Electives or Minor Option [2,5]

Select 24-33 credits, including at least two from the following		24-33
INFO U399	Independent Study Informatics	1-6
INFO U417	Information Privacy and Security	3
INFO U422	Knowledge-Based Systems	3
INFO U423	Human-Machine Interaction	3
INFO U424	Big Data	3
INFO U425	Cloud Management	3
INFO U427	Cybersecurity Technology	3
INFO U431	AI Prompt Engineering	3
INFO U445	Computer Forensics	3
INFO U465	Artificial Intelligence Fundamentals	3
INFO U435	Using AI Agents	3
INFO U496	Special Topics in Informatics	1-6
INFO U498	Experiential Learning in Information Management and Systems	3
PHIL U331	Ethics and Artificial Intelligence	3

Supporting Course [2]

Cultural Studies selected with approval of advisor or foreign language	3-6

Electives

Select electives sufficient to reach 120 hours	0-4
Total Hours	**120-122**

[1] The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.

[2] A minimum grade of C is required.

[3] This course may be repeated for credit when topics vary.

[4] With approval of advisor.

[5] Upper Level Electives include 300-level or higher courses and any course accepted by the University as meeting the requirements of a cognate. If a minor is chosen, at least two additional Upper-Level Electives must be completed.