

INFORMATION MANAGEMENT AND SYSTEMS, BACHELOR OF ARTS

The Bachelor of Arts in Information Management and Systems 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 (informatics). 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. The curriculum for the Bachelor of Arts in Information Management and Systems includes 43-44 hours in general education, 45 hours in the information technology core, 9 hours in digital media, and 18-27 hours in a departmental approved minor or cognate.

Code	Title	Hours
General Education Courses		
<i>I. Communication</i>		
English:		
Select two of the following:		6
ENGL U101	Composition I	
ENGL U102	Composition II	
Speech:		
SPCH U201	Foundations in Oral Communication	3
<i>II. Mathematics, Logic & Natural Sciences</i>		
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 two of the following:		7-8
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	
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, Logic and/or Natural Science:		
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	
<i>III. Information Technology</i>		
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	
<i>IV. Fine Arts, Humanities & History</i>		
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

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

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

POLI U101 American National Government

PSYC U101 Introduction to Psychology

SOCY U101 Introduction to Sociology

SPCH U210 Interpersonal Communication

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

Technical Electives:

Select two of the following: 6

INFO U399 Independent Study Informatics

INFO U417 Information Privacy and Security

INFO U422 Knowledge-Based Systems

INFO U423 Human-Machine Interaction

INFO U424 Big Data

INFO U425 Cloud Management

INFO U427 Cybersecurity Technology

INFO U430 Intelligent Systems

INFO U445 Computer Forensics

INFO U496 Special Topics in Informatics ^{3,4}

INFO U498 Experiential Learning in Information Management and Systems

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 18-27 credits 18-27

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.