

COMPUTER INFORMATION SYSTEMS, BACHELOR OF ARTS

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: ¹		
MATH U102	Elementary Statistics	3
MATH U126	Precalculus I	3
Natural Science (at least one with the associated 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 U220 & U220L	Botany and Society and Botany and Society Laboratory	
BIOL U244 & U244L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	
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	

Math, Logic and/ or Natural Science:

Select any Natural Science course listed above or:		3-4
BIOL U206	Genetics and Society	
BIOL U240	Human Biology and Society	
BIOL U260	Emerging Infectious Diseases	
BIOL U270	Environmental Science	

III. Information Technology

Information Technology: ¹		
CSCI U138	Introduction to Computer Technology	3
or CSCI U150	Introduction to Computer Science	

IV. Fine Arts, Humanities & History

Choose one course from each of the following three sections, with three disciplines represented.

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	
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	

Humanities:		
Select any Fine Arts course listed above from a second discipline or:		3

AMST U101	American Studies, 17th - 19th Century	
AMST U102	American Studies, 20th Century	
ENGL U208	Introduction to Creative Writing	
ENGL U252	Understanding English Grammar	
ENGL U275	Masterpieces of World Literature	
ENGL U279	Survey of American Literature I	
ENGL U280	Survey of American Literature II	
ENGL U289	Survey of British Literature I	
ENGL U290	Survey of British Literature II	
ENGL U291	African American Literature	
FILM U240	Introduction to Film	
PHIL U102	Introduction to Philosophy	
PHIL U211	Contemporary Moral Issues	
RELG U103	Comparative Religion	
SOST U201	Introduction to Southern Studies	

V. Foreign Language & Culture

Foreign Language:		
Select one of the following: ²		3
ASLG U101	American Sign Language I	
FREN U101	Introductory French I	
GERM U101	Introductory German I	
SPAN U101	Introductory Spanish I	

VI. Social & Behavioral Sciences

Social & Behavioral Science:

Select two courses from the following with two disciplines represented: 6

AFAM U201 Introduction to African American Studies

ANTH U102 Understanding Other Cultures

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

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/>) 0

Core Major Requirements ¹

CSCI U200 Computer Science I 3

CSCI U211 Information Systems Hardware and Software 3

CSCI U236 Python Programming 3

or CSCI U238 C++ Programming

CSCI U300 Computer Science II 3

CSCI U355 Digital Forensics 3

CSCI U375 Introduction to Cybersecurity 3

CSCI U412 Introduction to Computer Networks and Security 3

CSCI U520 Database System Design 3

CSCI U599 Computer Science Senior Seminar 3

Supporting Courses ¹

MATH U174 Elements of Discrete Mathematics 3

Select one of the following: 3

MATH U202 Elementary Statistics II

MATH U315 Statistical Methods I

MATH U127 Precalculus II

MGMT U371 Principles of Organizational Management 3

300-level or higher course from MGMT, BADM, MKTG, or LSCM 3

Information Systems Electives ¹

Select any eight CSCI 300-level or above courses for majors or advisor-approved transfer credit 24

Electives

Select 13-14 credits 13-14

Total Hours 120

¹ A minimum grade of C is required in each course indicated.

² 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.