Computer Information Systems Major Requirements  
Catalog Year: 2015-16  
Degree: Bachelor of Science  
Credit Hours: 61+

“PR” indicates a pre-requisite. “CO” indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult http://registrar.cofc.edu/general-edu for more information.

Required Courses

- CSCI 115 Website Design (3) PR: None
- CSCI 215 Website Programming (3) PR: None
- CSCI 220 Computer Programming I (3) PR: CSCI 120 or CSCI 180 or MATH 111 or higher or department permission; CO: CSCI 220L
- CSCI 220L Computer Programming I Lab (1) CO: CSCI 220
- CSCI 221 Computer Programming II (3) PR: CSCI 220 with a C- or better, CSCI 220L with a C- or better; CO or PR: MATH 207
- CSCI 315 Server-Side Web Programming (3) PR: CSCI 215, CSCI 221
- CSCI 332 Database Concepts (3) PR: CSCI 221 with a C- or better, MATH 207
- CSCI 380 User Interface Development (3) PR: CSCI 221 with a C- or better, MATH 307
- CSCI 392 Seminar on Computing and Society (3) PR: CSCI 221 with a C- or better
- CSCI 459 Service-Oriented Computing (3) PR: CSCI 221; CSCI 230 or CSCI 315

Data Science Requirement

- DATA 210 Dataset Organization and Management (3) PR: None

Math Requirement

- MATH 104 Elementary Statistics (3) PR: MATH 101 or placement
- OR
- MATH 250 Statistical Methods I (3) PR: MATH 105 with a C- grade or better or MATH 111 or MATH 120 or permission of instructor
- MATH 105 Calculus for Business and the Social Sciences (3) PR: MATH 101 or placement
- OR
- MATH 120 Introductory Calculus (4) PR: Placement or C- or better in MATH 111
- MATH 207 Discrete Structures I (3) PR: MATH 105, MATH 111, or MATH 120

Communication Requirement

- COMM 104 Public Speaking (3) PR: None

Business Requirement

- ACCT 203 Financial Accounting (3) PR: Sophomore standing
- ACCT 204 Managerial Accounting (3) PR: ACCT 203, sophomore standing
- DSCI 232 Business Statistics (3) PR: MATH 104 or 250
- ENTR 320 New Venture Modeling (3) PR: ENTR 200
- ENTR 321 New Venture Planning (3) PR: ACCT 203, ENTR 200
MGMT 301 Management and Organizational Behavior (3) PR: Junior standing