Computer Information Systems Major Requirements
Catalog Year: 2013-14
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 CSCI 210 or MATH 111; CO: CSCI 220L
☐ CSCI 220L Computer Programming I Lab (1) CO: CSCI 220
☐ CSCI 221 Computer Programming II (3) PR: CSCI 220, CSCI 220L; 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, MATH 207
☐ CSCI 380 User Interface Development (3) PR: CSCI 221, MATH 207
☐ CSCI 392 Seminar on Computing and Society (3) PR: CSCI 221
☐ 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 120 Introductory Calculus (4) PR: Placement or C or better in MATH 111
OR
☐ MATH 105 Calculus for Business and the Social Sciences (3) PR: MATH 101 or placement

AND

☐ MATH 207 Discrete Structures I (3) PR: MATH 105, MATH 111, or MATH 120

AND

☐ MATH 250 Statistical Methods I (3) PR: MATH 111 or MATH 120 or instructor permission
OR
☐ MATH 104 Elementary Statistics (3) PR: MATH 101 or placement

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  Principles of Entrepreneurship (3) PR: Junior standing
ENTR 321  New Venture Planning (3) PR: ACCT 203, MGMT 301, ENTR 320
MGMT 301  Management and Organizational Behavior (3) PR: Junior standing