Computer Information Systems Major Requirements
Catalog Year: 2014-15
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](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 215 Server-Side Web Programming (3) PR: CSCI 215, CSCI 221
- CSCI 315 Database Concepts (3) PR: CSCI 215, MATH 207
- CSCI 332 Database Concepts (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 105 with a C-grade or better or MATH 111 or MATH 120 or permission of instructor
- 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