Computer Information Systems
web Development Concentration   Bachelor of Science

Web design and development, programming, networking and security are the pillars of the Computer Information Systems degree. Students will learn to work with the rapidly changing technological landscape as well as take part in Ethics courses and projects that serve our local community.

Career Options:

- Web Designer
- Web Developer
- Front End Developer
- Web Programmer

Major Requirements:

Principles of Accounting
Principles of Management
Business Communication
Elementary Statistics
Web Authoring and Publishing
Programming Structures
Computer Software
Advanced Web Design
Web Programming
  or Web Programming II
Object-Oriented Programming
  or Object-Oriented Programming Using Java
Database Management Systems
Management of Info. System Projects
Systems Project

Choose 3 semester hours from:
Computer Graphics
Multimedia Writing
Writing for New Media

Department Contact:

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Computer Information Systems

Web Development Concentration

General Education Requirements

I. Interdisciplinary Requirements

	Credits
Ethics	3
International Studies	3
Total Hours	6

II. Science Courses

	Credits
Mathematics	3
Biology, including lab	4
Physics, Earth Science or Chemistry, incl. lab	4
Total Hours	11

III. Social Science Courses

	Credits
History, Political Science	3
Communication, Economics, Geography or Criminal Justice	3
Psychology or Sociology	3
Total Hours	9

IV. Humanities Courses

	Credits
Religion	3
English Composition	6
Literature	3
Art, Music or Entertainment/Theatre	3
Total Hours	15

TOTAL GENERAL EDUCATION HOURS   41

Unless otherwise specified, transferred credits may be used to fulfill the general requirements at the Registrar's discretion.

Major Requirements

		Credits
ACC 201	Principles of Accounting	3
BUS 206	Principles of Management	3
ENG 304	Business Communication	3
MAT 213	Elementary Statistics	3
CIS 201	Web Authoring and Publishing	3
CIS 211	Programming Structures	3
CIS 310	Computer Software	3
CIS 320	Advanced Web Design	3
CIS 325	Web Programming	3
or 326	Web Programming II	3

		Credits
CIS 330	Object-Oriented Programming	3
or CIS 335	Object-Oriented Programming Using Java	3
CIS 340	Database Management Systems	3
CIS 410	Management of Info. System Projects	3
CIS 455	Systems Project	3

Choose 3 hours from

		Credits
ART 202	Computer Graphics	3
ENG 373	Multimedia Writing	3
ENG 472	Writing for New Media	3

General Graduation Guidelines:

Total of 120 semester hours, 33 of which must be numbered 300 or 400.
    (Other programs may require coursework beyond 120 semester hours.)
At least 9 semester hours of courses designated as writing intensive.
A declared major.
A cumulative GPA average of C (2.00) and at least a C average in the graduation major.