

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
- Front End Developer
- Web 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
Senior Seminar

Minor Requirements:

Computer Hardware
Programming Structures
12 upper-level hours in CIS.

Department Contact

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Computer Information Systems

Web Development Concentration | BS Undergraduate Plan

General Education Requirements

I. Interdisciplinary Requirements	Credits	IV. Humanities Courses	Credits
Ethics	3	Religion	3
International Studies	3	English Composition	6
<hr/>		Literature	3
Total Hours	6	Art, Music or Entertainment/Theatre	3
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II. Science Courses	Credits	TOTAL GENERAL EDUCATION HOURS 41	
Mathematics	3	Unless otherwise specified, transferred credits may be used to fulfill the general requirements at the Registrar's discretion.	
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		

Major Requirements

	Credits		Credits
ACC 201 Principles of Accounting	3	CIS 330 Object-Oriented Programming	3
BUS 206 Principles of Management	3	or CIS 335 Object-Oriented Programming Using Java	3
ENG 304 Business Communication	3	CIS 340 Database Management Systems	3
MAT 213 Elementary Statistics	3	CIS 410 Management of Info. System Projects	3
CIS 201 Web Authoring and Publishing	3	CIS 455 Systems Project	3
CIS 211 Programming Structures	3	Choose 3 hours from	
CIS 310 Computer Software	3	ART 202 Computer Graphics	3
CIS 320 Advanced Web Design	3	ENG 373 Multimedia Writing	3
CIS 325 Web Programming	3	ENG 472 Senior Seminar	3
or 326 Web Programming II	3		

General Graduation Guidelines:

Total of 120 semester hours, 39 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.