

# Web Minor May Open Major Opportunities for Students

The new 21-credit minor in Internet Web Design is an interdisciplinary program emphasizing theory and skills needed to manage web content and delivery. Students complete a nine-credit core covering design concepts, software tools, coding languages and applied projects.

Students also choose 12 credits of electives from options in design, scripting, programming, digital media, management, theory or independent study. An internship is required.

The program is coordinated through the communication department; students must apply for admission to this limited-enrollment program. Prerequisite for admission to this program is CSC116-Business Use of Computers. (CSC114-Microcomputer Packages may *not* be substituted for this course.)

## Required Courses (9 credits)

- COMM260-Principles of Web-Based Design.
- COMM261-Introduction to Web Development  
Prerequisites: COMM260.
- COMM496-Internship/Capstone Experience  
(Prerequisites: COMM260 and COMM261).

## Electives (12 credits in at least 2 disciplines)

Up to six credits may be counted for both a major and the web design minor.

- ANTH465-Web-based Media in Anthropology
- ART299-Digital Media
- BUS370-Management of Information Systems
- MIS375-Database Design for Business Applications
- COMM242-Advanced News Photography (Photojournalism)
- COMM362-Principles of Design for Print
- COMM442-Info Technologies and Mass Media
- COMMIS/CSCI371-Intro to Web Scripting  
(Prerequisites: COMM260 and COMM261, or by permit)

- COMM/MIS/CSCI377-Introduction to Unix  
(Prerequisites: COMM260 and COMM261, or by permit)
- COMM/MIS375-Web Database Programming  
(Prerequisites: COMM260, COMM261 and COMM360, or by permit)
- COMM494-Independent Study
- CSC159-Computer Science Problem Solving
- CSC160-Introduction to Computer Science
- CSC227-Computing
- ANTH795-Archaeology Technologies Lab,  
(1 to 3 credit hours)

## Web Minor Internship/Capstone Experience

This core course offers students the opportunity to put into practical use the knowledge gained through web minor coursework by building a working web site for an actual client. Students are encouraged to choose an on-campus group or an off-campus non-profit/small business that needs a web site, but normally wouldn't be able to afford services of a commercial web design firm. Because it would not offer genuine client/designer interaction, students may not choose to design a site for a family member, friend or their own business.

After choosing a possible client, the student approaches one of his or her web design minor instructors to act as a project advisor. The role of the advisor is to offer suggestions, to evaluate the site map and the final site, but not to provide extensive technical, design or problem-solving assistance.

Students proceed to establish a professional relationship with the client, work out a site map, build the site within a reasonable time frame (about three months) and submit the site map and final site to the advisor for evaluation.

*Credit cannot be given for work completed without prior internship advisor approval.*

**For more information, contact Ross Collins <[Ross.Collins@ndsu.nodak.edu](mailto:Ross.Collins@ndsu.nodak.edu)> Communications Department, 321A Minard Hall, Ph. 231-7705, or visit [www.ndsu.nodak.edu/communication/study.html](http://www.ndsu.nodak.edu/communication/study.html)**