New Media and Web Design

The New Media and Web Design major and minor are interdisciplinary programs of study offered through the Department of Communication (http://www.ndsu.edu/communication) .

This major is designed to include not only instruction to develop skills associated with preparing content, designing, and coding Internet web sites; but also the examination of larger issues, such as how digital media pervades all levels of society influencing journalism, communication studies, ethics, law, art, socialization, war, global culture, and other aspects of culture and society.

The curricular structure of the New Media and Web Design program is listed below for students entering the program. Students must complete an applied capstone course.

Major Requirements

Major: New Media and Web Design

Degree Type: B.A. or B.S.
Required Degree Credits to Graduate: 122

Arts, Humanities, and Social Sciences Degree Requirements

Bachelor of Science (B.S.) Degree – The completion of a minor program of study, a second major, or a second degree is required.

Bachelor of Arts (B.A.) Degree – Second year language proficiency required.

General Education Requirements

First Year Experience (F):

UNIV 189	Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.)	1
Communication (C):		
ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
One Course in Upper Level Writing. Select one of the following:		3
ENGL 320	Business and Professional Writing	
ENGL 321	Writing in the Technical Professions	
ENGL 323	Creative Writing II	
ENGL 324	Writing in the Sciences	
ENGL 325	Writing in the Health Professions	
ENGL 357	Visual Culture and Language	
ENGL 358	Writing in the Humanities and Social Sciences	
ENGL 459	Researching and Writing Grants and Proposal	
COMM 110	Fundamentals of Public Speaking	3
Quantitative Reasoning (R): Select from current general education list		3
Science & Technology (S):		
CSCI 116	Business Use of Computers	4

A one-credit lab must be taken as a co-requisite with a general education science/technology course unless the course includes an embedded lab experience equivalent to a one-credit course. Select from current general education list.		6
Humanities & Fine Arts (A): Select from current general education list		6
Social & Behavioral Sciences (B):		6
Courses needed to fulfill this category will be completed as part of the pre-communication requirements.		
Wellness (W): Select from current general education list		2
Cultural Diversity (D):		
COMM 216	Intercultural Communication	3
Global Perspectives (G): Select from current general education list		
Total Credits		40

Arts, Humanities and Social Sciences College Requirements

An additional 9 credits are required by the College of Arts, Humanities and Social Sciences for all Bachelor of Science and Bachelor of Arts degree programs of study, except the Bachelor of Fine Arts degree, the Bachelor of Music degree, Bachelor of Landscape Architecture degree, and the Bachelor of Science in Architecture degree:

AH&SS College Requirements	
Courses used to satisfy any general education requirement cannot be used to also count toward the AH&SS College Requirements. A minimum of three credits is required in each of the 3 following areas for a total of 9 credits. Choose only those courses with the prefixes listed for each area. A course with the WGS prefix can only be used in one area.	
Area One: Humanities	3
ARB, ENGL, FREN, GERM, HIST, HUM, PHIL, RELS, SPAN, or WGS	
Area Two: Social Sciences	3
ANTH, CJ, COMM, EMGT, POLS, SOC, or WGS	
Area Three: Fine Arts	3
ARCH, ART, ENVD, LA, MUSC, or THEA	
Total Credits	9

Major Requirements

General Education Requirements		40
AHSS College Requirements		9
Pre-Communication Requirements		
Students must complete 21 credits of selected courses with a grade of 'B' or above to become a communication major. These courses may be repeated only once for this major.		
ENGL 120	College Composition II	3
COMM 110	Fundamentals of Public Speaking	3
or COMM 111	Honors Public Speaking	
COMM 112	Understanding Media and Social Change	3
COMM 114	Human Communication	3
COMM 212	Interpersonal Communication	3
COMM 216	Intercultural Communication	3
Select one of the following:		3
SOC 110	Introduction to Sociology	

POLS 110	Introduction to Political Science	
PSYC 111	Introduction to Psychology	
CJ 201	Introduction to Criminal Justice	
Professional New Media & Web Design Major		
COMM 200	Introduction to Media Writing	3
COMM 260	Principles of Internet Web-Based Design	3
COMM 261	Introduction to Web Development	3
COMM 320	Communication Analysis	3
COMM 363	Advanced Web Design	3
COMM 442	Digital Media and Society	3
COMM 496	Field Experience	3
CSCI 160	Computer Science I	4
CSCI 371	Web Scripting Languages	3
Advanced Electives: Select 4 courses from the following:		12
ART 185	Digital Media	
ART 285	Digital Media II	
COMM 345	Principles of Broadcast Production	
COMM 362	Principles of Design For Print	
COMM 431	Communication Ethics	
COMM 465	Convergence Media	
CSCI 122	Visual BASIC	
CSCI 159	Computer Science Problem Solving	
CSCI 227	Computing Fundamentals I	
CSCI 277	Introduction to UNIX	
ENGL 457	Electronic Communication	
Major Electives: Select 2 courses from the following:		6
COMM 310	Advanced Media Writing	
COMM 313	Editorial Processes	
COMM 434	Communication Law	
COMM 494	Individual Study	
CSCI 445	Software Projects Capstone	
CSCI 488	Human-Computer Interaction	
Degree Requirements: Potential of 1 credits to reach 122		18
Total Credits		122

MIS/CSCI 277	Introduction to UNIX	
MIS/CSCI 371	Web Scripting Languages	
MIS 320	Management Information Systems	
MIS 375	Database Design for Business Application	
CSCI 122	Visual BASIC	
CSCI 159	Computer Science Problem Solving	
CSCI 160	Computer Science I	
or CSCI 227	Computing Fundamentals I	
Total Credits		21

Minor Requirements and Notes

- A minimum of 8 credits must be taken at NDSU.
- Students must complete CSCI 116 Business Use of Computers, or equivalent, before being formally admitted to this minor program of study.

Minor Requirements

Web Design Minor

Minor Requirements

Required Credits: 21

Required Courses

COMM 260	Principles of Internet Web-Based Design	3
COMM 261	Introduction to Web Development	3
COMM 496	Field Experience	3
Electives: Select 4 electives from at least two departments: web design, programming, or systems administration		12
ART 185	Digital Media	
ART 285	Digital Media II	
ENGL 457	Electronic Communication	
COMM 362	Principles of Design For Print	
COMM 391	Seminar	
COMM 442	Digital Media and Society	