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 (https://www.ndsu.edu/communication).

This major is designed to include not only instruction to develop skills associated with preparing content, designing, and coding web sites; but also the examination of larger issues, such as how digital media pervades all levels of 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 at college level 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
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.

Humanities & Fine Arts (A): Select from current general education list 6

Social & Behavioral Sciences (B):

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>AH&amp;SS College Requirements</td>
<td>Courses used to satisfy any general education requirement cannot be used to also count toward the AH&amp;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.</td>
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</table>

**Area One: Humanities**

ARB, ENGL, FREN, GERM, HIST, HUM, PHIL, RELS, SPAN, or WGS

**Area Two: Social Sciences**

ANTH, CJ, COMM, EMGT, POLS, SOC, or WGS

**Area Three: Fine Arts**

ARCH, ART, ENVD, LA, MUSC, or THEA

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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>Total Credits</td>
<td>9</td>
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</table>

**Major Requirements**

**General Education Requirements**

**AHSS College Requirements**

**Pre-Communication Requirements**

Students must complete 21 credits of selected courses with a grade of ‘B’ or ‘A’ to become a communication major. These courses may be repeated only once for this major.

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 120</td>
<td>College Composition II</td>
</tr>
<tr>
<td>COMM 110</td>
<td>Fundamentals of Public Speaking</td>
</tr>
<tr>
<td>COMM 112</td>
<td>Understanding Media and Social Change</td>
</tr>
<tr>
<td>COMM 114</td>
<td>Human Communication</td>
</tr>
<tr>
<td>COMM 212</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>COMM 216</td>
<td>Intercultural Communication</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CJ 201</td>
<td>Introduction to Criminal Justice</td>
</tr>
<tr>
<td>POLS 110</td>
<td>Introduction to Political Science</td>
</tr>
<tr>
<td>PSYC 111</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOC 110</td>
<td>Introduction to Sociology</td>
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</table>

**Professional New Media & Web Design Major**

Prequisite for the major: CSCI 114 or CSCI 116, which count toward General Education category 3.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>COMM 260</td>
<td>Introduction to Web Design</td>
</tr>
<tr>
<td>COMM 261</td>
<td>Introduction to Web Development</td>
</tr>
<tr>
<td>COMM 363</td>
<td>Advanced Web Design</td>
</tr>
<tr>
<td>COMM 431</td>
<td>Communication Ethics and Law</td>
</tr>
<tr>
<td>COMM 496</td>
<td>Field Experience</td>
</tr>
<tr>
<td>CSCI 160</td>
<td>Computer Science I</td>
</tr>
<tr>
<td>CSCI 371</td>
<td>Web Scripting Languages</td>
</tr>
</tbody>
</table>

**Electives**

Students in the New Media and Web Design major specialize in web design (content interface and marketing) or web development (coding and programming) as indicated by the tracks below.

**Web Design Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 185</td>
<td>Design and Digital Media I</td>
</tr>
<tr>
<td>ART 285</td>
<td>Design and Digital Media II</td>
</tr>
<tr>
<td>COMM 200</td>
<td>Introduction to Media Writing</td>
</tr>
<tr>
<td>COMM 245</td>
<td>Principles of Broadcast Production</td>
</tr>
<tr>
<td>COMM 310</td>
<td>Advanced Media Writing</td>
</tr>
</tbody>
</table>
COMM 313  Editorial Processes
COMM 330  Photography for the Media
COMM 362  Principles of Design For Print
COMM 442  Digital Media and Society
COMM 465  Convergence Media
COMM 494  Individual Study
CSCI 122  Visual BASIC
CSCI 227  Computing Fundamentals I

Web Development Track
COMM 200  Introduction to Media Writing
COMM 330  Photography for the Media
COMM 442  Digital Media and Society
COMM 465  Convergence Media
COMM 494  Individual Study
CSCI 122  Visual BASIC
CSCI 159  Computer Science Problem Solving
CSCI 227  Computing Fundamentals I
CSCI 228  Computing Fundamentals II
CSCI 277  Introduction to UNIX
CSCI 366  Database Systems
CSCI 445  Software Projects Capstone
CSCI 488  Human-Computer Interaction

Degree Requirements: Potential of 27 credits to reach 122

Total Credits 122

NOTE: No more than 6 credits from this communication major may be applied to any minor in the Department of Communication.

Minor Requirements

Web Design Minor

Required Courses: 21

Required Courses
COMM 260  Introduction to Web Design 3
COMM 261  Introduction to Web Development 3
COMM 363  Advanced Web Design 3

Professional Specialization
ART 185  Design and Digital Media I 3
COMM 200  Introduction to Media Writing 3
COMM 313  Editorial Processes 3
COMM 330  Photography for the Media 3
COMM 362  Principles of Design For Print 3
COMM 465  Convergence Media 3
CSCI 122  Visual BASIC 3
CSCI 159  Computer Science Problem Solving 3
CSCI 160  Computer Science I 3
CSCI 227  Computing Fundamentals I 3
CSCI 277  Introduction to UNIX 3
CSCI 366  Database Systems 3
CSCI 371  Web Scripting Languages 3
CSCI 488  Human-Computer Interaction 3

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Minor Requirements and Notes

- Professional specialization must contain courses from at least two departments.
- Students must earn a minimum GPA of 2.75 in courses applied to the minor.
- No more than 6 credits from this communication minor may be applied to any major in the Department of Communication.
- A minimum of 9 credits must be taken at NDSU.