INFORMATION DESIGN AND STRATEGY, MS COMMUNICATION WITH DATA SPECIALIZATION

The Communication with Data specialization will give designers the tools they need to communicate complex data accurately and effectively. The courses in this specialization will enable students to work with data analysts within their organizations to translate data into images and stories that executives and customers can understand.

Curriculum

Core Courses (9 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MS_IDS 401-DL</td>
<td>Models and Theories of User-Centered Design</td>
</tr>
<tr>
<td>MS_IDS 403-DL</td>
<td>Effective Communication</td>
</tr>
<tr>
<td>MS_IDS 405-DL</td>
<td>User Research</td>
</tr>
<tr>
<td>MS_IDS 407-DL</td>
<td>Information and Content Strategy</td>
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<tr>
<td>MS_IDS 409-DL</td>
<td>Data Science, Management, and Business Strategy</td>
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<tr>
<td>MS_IDS 411-DL</td>
<td>Information Design and Architecture</td>
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<tr>
<td>MS_IDS 413-DL</td>
<td>Visual Communication</td>
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<tr>
<td>MS_IDS 481-DL</td>
<td>Leadership and Business Strategy</td>
</tr>
<tr>
<td>MS_IDS 498-DL</td>
<td>Capstone Project</td>
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<tr>
<td>or MS_IDS 590-DL</td>
<td>Thesis Research</td>
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Specialization Courses (3 units)

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MS_IDS 452-DL</td>
<td>Intro to Data Collection and Analytics</td>
</tr>
<tr>
<td>MS_IDS 453-DL</td>
<td>Introduction to Techniques of Predictive Analytics</td>
</tr>
<tr>
<td>MS_IDS 455-DL</td>
<td>Visualization of Data and Text</td>
</tr>
</tbody>
</table>

About the Final Project

As their final course, students take either the individual research project in an independent study format (thesis research) or the final project class in which students integrate the knowledge they have gained in the core curriculum in a project presented by the instructor. In both cases, students are guided by faculty in exploring the body of knowledge on information design and strategy while contributing research of practical value to the field. The capstone independent thesis project and capstone class project count as one unit of credit.

Pre-requisite: Students may take one other course simultaneously with MS_IDS 498-DL Capstone Project. All other course requirements must have been completed before the commencement of this course.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Choose one</td>
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</tr>
<tr>
<td>MS_IDS 498-DL</td>
<td>Capstone Project</td>
</tr>
<tr>
<td>MS_IDS 590-DL</td>
<td>Thesis Research</td>
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</tbody>
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