Data Science, M.S.

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Data Science, M.S.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any Semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website.</td>
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First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
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<tbody>
<tr>
<td>Fall</td>
<td>STAT:3120</td>
<td>Probability and Statistics</td>
<td>4</td>
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<tr>
<td></td>
<td>STAT:3200</td>
<td>Applied Linear Regression</td>
<td>3</td>
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<td></td>
<td>STAT:4540</td>
<td>Statistical Learning</td>
<td>3</td>
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<td><strong>Total Hours</strong></td>
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Spring

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<tr>
<td>DATA:4750</td>
<td>Probabilistic Statistical Learning</td>
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<tr>
<td>STAT:4580</td>
<td>Data Visualization and Data Technologies</td>
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<tr>
<td>STAT:5400</td>
<td>Computing in Statistics</td>
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Second Year

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<tr>
<td>Fall</td>
<td>Elective course b</td>
<td></td>
<td>3</td>
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<tr>
<td></td>
<td>Elective course b</td>
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<td>3</td>
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<tr>
<td></td>
<td>Elective course b</td>
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Spring

<table>
<thead>
<tr>
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<th>Hours</th>
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<tbody>
<tr>
<td>DATA:5890</td>
<td>M.S. Data Science Practicum</td>
<td>2</td>
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<tr>
<td>Final Exam c</td>
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<td>2</td>
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a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Work with faculty advisor to select appropriate coursework.

c Completion of capstone project.