**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.

**Translational Biomedicine, M.S.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBM:5000</td>
<td>Translational Biomedical Research</td>
<td>3</td>
</tr>
<tr>
<td>TBM:5001</td>
<td>Introduction to Translational Biomedicine</td>
<td>3</td>
</tr>
<tr>
<td>TBM:5002</td>
<td>Critical Thinking and Communication: Study Design and Commercialization</td>
<td>1</td>
</tr>
<tr>
<td>EPID:4400</td>
<td>Epidemiology I: Principles</td>
<td>3</td>
</tr>
<tr>
<td>BIOS:5120</td>
<td>or EPID:5241</td>
<td>3 - 4</td>
</tr>
<tr>
<td>BIOS:5120</td>
<td>Introduction to Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>EPID:6950</td>
<td>Clinical Research Ethics</td>
<td>2</td>
</tr>
<tr>
<td>TBM:5004</td>
<td>Critical Thinking and Communication: Career Development and the Funding Process</td>
<td>1</td>
</tr>
<tr>
<td>BIOS:5120 or EPID:5241</td>
<td>Regression Modeling and ANOVA in the Health Sciences or Statistical Methods in Epidemiology</td>
<td>3 - 4</td>
</tr>
<tr>
<td>Elective course c</td>
<td></td>
<td>3 - 4</td>
</tr>
</tbody>
</table>

**Hours**

- **First Year**
  - **Fall**
  - **TBM:5000** Translational Biomedical Research 3
  - **TBM:5001** Introduction to Translational Biomedicine 3
  - **TBM:5002** Critical Thinking and Communication: Study Design and Commercialization 1
  - **EPID:4400** Epidemiology I: Principles 3
  - **Hours** 10
  - **Spring**
  - **TBM:5000** Translational Biomedical Research 3
  - **TBM:5003** Critical Thinking and Communication: Scientific Writing and Presentation Strategies 1
  - **BIOS:4120** Introduction to Biostatistics 3
  - **EPID:6950** Clinical Research Ethics 2
  - **Hours** 9

- **Second Year**
  - **Fall**
  - **TBM:5004** Critical Thinking and Communication: Career Development and the Funding Process 1
  - **BIOS:5120** or **EPID:5241** Regression Modeling and ANOVA in the Health Sciences or Statistical Methods in Epidemiology 3 - 4
  - **Elective course c** 3 - 4
  - **Hours** 7 - 9
  - **Spring**
  - **TBM:5000** Translational Biomedical Research 3

**Notes:**

- **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** Complete one of the following formats: a complete grant application (K01, K08, K23, R01, R03, R21, or VA career award) or an original research manuscript (>2500 words) of published or in-publishable quality for a peer-reviewed journal. Additional requirements apply.
- **c** Elective coursework pertinent to educational goals and background may be selected from specific lists in Biostatistics, Device Development, Drug Discovery, Epidemiology, Genetics, Informatics, Innovation, and Neuroscience. Program administration approval required for other courses.