Biostatistics, MS

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Academic Career</td>
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<td>Any Semester</td>
<td>38 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website.</td>
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<td>Maintain at least a 3.00 cumulative GPA.</td>
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<td>Exam: (substitutes for the Final Exam) Written Master's Core Exam focused on required biostatistics and statistics coursework; taken in summer of Year 1 after completion of BIOS:5710 Biostatistical Methods I, BIOS:5720 Biostatistical Methods II, BIOS:5730 Biostatistical Methods Categorical Data and STAT:4100 Mathematical Statistics I, STAT:4101 Mathematical Statistics II</td>
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First Year

Fall
- STAT:4100 or STAT:5100 Mathematical Statistics I or Statistical Inference I 3
- BIOS:5710 Biostatistical Methods I 4
- BIOS:5510 Biostatistical Computing 2
- BIOS:5510 Biostatistical Computing 2
- CPH:6100 Essentials of Public Health 2
- Hours 13

Spring
- STAT:5101 or STAT:4101 Statistical Inference II or Mathematical Statistics II 3
- BIOS:5720 Biostatistical Methods II 4
- BIOS:5730 Biostatistical Methods in Categorical Data 3
- BIOS:7270 Scholarly Integrity in Biostatistics 1
- Hours 11

Summer
- Exam: Master's Core Exam
- Hours 0

Second Year

Fall
- EPID:4400 Epidemiology I: Principles 3
- BIOS:7500 Preceptorship in Biostatistics 3
- Approved biostatistics elective 3
- Hours 9

Spring
- BIOS:6610 Statistical Methods in Clinical Trials 3
- Approved biostatistics elective 3
- Hours 8-9
- Total Hours 41-42

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 STAT:5100 is required if pursuing a PhD.
c Complete two sections of BIOS:5510, Programming in R and Programming in SAS.
d STAT:5101 is required if pursuing a PhD.
e Required for Graduate Research Assistants (GRA) or potential GRAs.
f Work with faculty advisor to select appropriate graduate elective coursework. More information can be found in the General Catalog and department website.