Statistics Concentration Contract

Personal Information:

Name: ___________________________ Class Year: ___________________________

Student ID: ______________________ Major(s): _____________________________

Email: __________________________ Advisor: _______________________________

Minimal Course Plan – list 4 courses:

<table>
<thead>
<tr>
<th>Term</th>
<th>Course #</th>
<th>Course Name</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stat 272</td>
<td>Statistical Modeling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stat 316</td>
<td>Advanced Statistical Modeling^1</td>
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</tbody>
</table>

Mathematics Majors
Math 262 Probability Theory
Stat 322 Statistical Theory

Non-mathematics Majors
Students choose at least two of the following upper level courses:
Stat 266: Experimental Design
Stat 285: Biostatistics
Econ 385: Econometrics^2
Psych 231: Psychology Research Methods
Math 262: Probability Theory
Stat 322: Statistical Theory (pre-requisite Math 262 Probability Theory)
Stat 294: Internship^3
Stat 298: Independent Study^3
Stat 384: Seminar in Analytical Methods
Stat 398: Independent Research^3
Math 390: Practicum^3

See next page.

^1 Math-Econ majors can substitute Econ 385 for Stat 316.
^2 Econ 385 cannot be triple counted for Mathematics, Economics majors and the Statistics concentration.
^3 With prior approval of Statistics Program director.
Indicate whether you intend to or have participated in any of the following.

1) **An Experiential Learning Component (Optional)**
Experientially based research experience or employment that takes statistical methods beyond the traditional classroom. This can occur on or off-campus. This should be approved by the director of Statistics and supported after the fact by a letter from a supervisor. Opportunities during the school year include independent study or consulting as a mentee in the Center for Interdisciplinary Research or during the summer as a member of an Interdisciplinary Research Team.

Term:

Description:

2) **QWAC Course Credit**
Courses which offer a 0.25 course credit to add Quantitative Work Across the Curriculum (QWAC) credit should be taken by those concentrating in Statistics when available.

Term:

Description:

3) **Recommended Complementary Courses for students considering graduate school**

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus II</td>
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<tr>
<td>Multivariate Calculus</td>
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<tr>
<td>Linear Algebra</td>
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<tr>
<td>Real Analysis</td>
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</tbody>
</table>

**Personal Statement:**

In the space below and/or on the back of the form briefly describe your reasons for choosing a concentration in Statistics and any thoughts about your postgraduate plans.