Doctor of Philosophy in Statistics

Course Work

1. Doctoral courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stat 301</td>
<td>Theory of Probability I</td>
<td>3</td>
</tr>
<tr>
<td>Stat 302</td>
<td>Theory of Probability II</td>
<td>3</td>
</tr>
<tr>
<td>Stat 303</td>
<td>Stochastic Processes</td>
<td>3</td>
</tr>
<tr>
<td>Stat 311</td>
<td>Theory of Statistical Inference I</td>
<td>3</td>
</tr>
<tr>
<td>Stat 312</td>
<td>Theory of Statistical Inference II</td>
<td>3</td>
</tr>
</tbody>
</table>

15 units

2. At least 6 units of electives.

List of Possible Electives:

- Stat 239 Distribution Theory
- Stat 261 Sequential Analysis
- Stat 262 Nonparametric Statistics
- Stat 263 Bayesian Analysis
- Stat 264 Elements of Decision Theory
- Stat 265 Robust Statistics
- Stat 313 Decision Theory
- Stat 321 Asymptotic Methods of Statistics
- Stat 380 Advanced Special Topics

3. At least 6 units of reading course (Stat 390)

4. At least 1 unit of seminar course (Stat 396)

5. Dissertation (Stat 400) – 12 units

Total Doctoral Units = 40
For bachelor’s degree holders, all courses (38 units) in the M.S. (Statistics) program of the UP School of Statistics will have to be taken in addition to the above course work.