MATHEMATICS PH.D.

Doctor of Philosophy - Mathematics

Summary

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core Course Requirements</td>
<td>21-33</td>
</tr>
<tr>
<td></td>
<td>Additional courses/research credits</td>
<td>39-27</td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>60</td>
</tr>
</tbody>
</table>

Degree Specific Credits: 60

Required Cumulative GPA: 3.0

Notes

- The regular (Option 1) Ph.D. program, prepares research specialists in the mathematical sciences. The department offers research training in algebra, analysis, applied mathematics, combinatorics & optimization, computer science and topology.
- Our non-traditional (Option 2) Ph.D. program, prepares college mathematics teachers and other “general practitioners” of mathematics. It emphasizes greater breadth in course work and less specialization than in the regular program. An emphasis in mathematics education is available under this option.
- Dissertation required.
- Preliminary examination in two areas.
- Comprehensive examination emphasizing the area of specialization.

•