# MINOR IN STATISTICAL THEORY

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor in Statistical Theory</td>
<td></td>
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<tr>
<td>Courses required</td>
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<tr>
<td>MATH 1430</td>
<td>Calculus II $^1$</td>
<td>4</td>
</tr>
<tr>
<td>STAT 4371</td>
<td>Thry &amp; Appl of Prob &amp; Stat I</td>
<td>3</td>
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<tr>
<td>STAT 4372</td>
<td>Thry &amp; Aplctn of Prob &amp; Sta II</td>
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<tr>
<td>Select four of the following:</td>
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<tr>
<td>STAT 3379</td>
<td>Statistical Methds in Practice</td>
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<tr>
<td>STAT 3380</td>
<td>Stat Desgn &amp; Anal of Experimts</td>
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<tr>
<td>STAT 3381</td>
<td>Sample Survey Methods</td>
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<tr>
<td>STAT 3382</td>
<td>Intro to Statistical Computing</td>
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<tr>
<td>STAT 4370</td>
<td>Special Topics in Statistics</td>
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<td>STAT 4373</td>
<td>Nonparametric Statistics</td>
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<tr>
<td>STAT 4374</td>
<td>Regression Modeling &amp; Analysis</td>
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<td>STAT 4375</td>
<td>Quality Control &amp; Reliability</td>
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<td>STAT 4376</td>
<td>Time Series and Forecasting</td>
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<td>STAT 4377</td>
<td>Intro Applied Bayesian Analy</td>
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<td>STAT 4390</td>
<td>Intro. to Statistical Learning</td>
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<td>STAT 4090</td>
<td>Independent Study</td>
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<td>Total Hours</td>
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</table>

$^1$ The prerequisite to this, MATH 1420, should be taken to complete Core Curriculum Area II (Mathematics). MATH 1430 may satisfy both major and minor requirements.