## STATISTICS MINOR

Select one of the following introductory sequences:  

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Courses</th>
<th>Description</th>
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<tbody>
<tr>
<td>STAT 251 &amp; STAT 252 &amp; STAT 323</td>
<td>STAT 251: Statistical Inference for Management I; STAT 252: Statistical Inference for Management II; STAT 323: Design and Analysis of Experiments I</td>
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<tr>
<td>STAT 251 &amp; STAT 252 &amp; STAT 324</td>
<td>STAT 251: Statistical Inference for Management I; STAT 252: Statistical Inference for Management II; STAT 324: Applied Regression Analysis</td>
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<tr>
<td>STAT 251 &amp; STAT 252 &amp; STAT 334</td>
<td>STAT 251: Statistical Inference for Management I; STAT 252: Statistical Inference for Management II; STAT 334: Applied Linear Models</td>
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<tr>
<td>STAT 301 &amp; STAT 302 &amp; STAT 323</td>
<td>STAT 301: Statistics I; STAT 302: Statistics II; STAT 323: Design and Analysis of Experiments I</td>
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<tr>
<td>STAT 301 &amp; STAT 302 &amp; STAT 324</td>
<td>STAT 301: Statistics I; STAT 302: Statistics II; STAT 324: Applied Regression Analysis</td>
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Select from the following:  

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<tr>
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<tr>
<td>STAT 301</td>
<td>Statistics I and Statistics II and Applied Linear Models</td>
</tr>
<tr>
<td>STAT 312</td>
<td>Statistical Methods for Engineers and Applied Experimental Design and Regression Models and Design and Analysis of Experiments I</td>
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<td>Statistical Methods for Engineers and Applied Experimental Design and Regression Models and Applied Regression Analysis</td>
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<td>Statistical Methods for Engineers and Design and Analysis of Experiments I and Applied Regression Analysis</td>
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<td>STAT 321</td>
<td>Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Design and Analysis of Experiments I</td>
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<td>Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Applied Regression Analysis</td>
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<tr>
<td>STAT 321</td>
<td>Probability and Statistics for Engineers and Scientists and Engineering Test Design and Analysis and Applied Linear Models</td>
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<tr>
<td>STAT 305</td>
<td>Introduction to Probability and Simulation</td>
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<tr>
<td>STAT 323</td>
<td>Design and Analysis of Experiments I</td>
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<td>STAT 324</td>
<td>Applied Regression Analysis</td>
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<tr>
<td>STAT 330</td>
<td>Statistical Computing with SAS</td>
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<td>STAT 331</td>
<td>Statistical Computing with R</td>
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<td>STAT 334</td>
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<td>STAT 410</td>
<td>Statistics Education: Pedagogy, Content, Technology, and Assessment</td>
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<td>STAT 414</td>
<td>Multilevel and Mixed Modeling</td>
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<td>Bayesian Reasoning and Methods</td>
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<td>STAT 416</td>
<td>Statistical Analysis of Time Series</td>
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<td>STAT 417</td>
<td>Survival Analysis Methods</td>
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<td>Categorical Data Analysis</td>
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<td>Survey Sampling and Methodology</td>
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<td>Design and Analysis of Experiments II</td>
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<td>Probability Theory</td>
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<td>Estimation and Sampling Theory</td>
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<td>Mathematical Statistics</td>
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<td>Advanced Statistical Computing with R</td>
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<td>STAT 434</td>
<td>Statistical Learning: Methods and Applications</td>
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Total units 24