

Statistics Certificate
2016-2017 Student Learning Outcomes

Outcome	Assessment Methods
1 <i>Students will be able to demonstrate knowledge of the main theoretical results and key methods used in the development of statistical models.</i>	<i>Final exam questions</i>
2 <i>Students will be able to recognize and choose the appropriate statistical models to use for given data analysis tasks.</i>	<i>Final exam questions</i>
3 <i>Students will be able to construct statistical models for actual data sets using statistical software and use these models to make inferences and predictions.</i>	<i>Modeling project evaluated with rubric</i>
4 <i>Students will be able to describe statistical models and present the results of statistical studies using correct terminology in a clear, coherent, and effective manner.</i>	<i>Exit survey</i> <i>Project evaluated with rubric</i> <i>Exit survey</i>