

	3 SH	3 SH	3 SH
Program SLOs	STA 5176 Statistical Modeling	STA 6235 Modeling in Regression	STA 6257 Advanced Statistical Modeling
Content			
Identify, formulate, and solve complex data problems by selecting and applying appropriate methods.	x	x	x
Critical Thinking			
Students understand the broad impact of data on society and can raise critical questions about data, its interpretation, and visualization, and the methods by which these are produced	x	x	x
Communication			
Students can formulate reasonable interpretations of data and share them effectively through visual and narrative means.			x
Integrity / Values			
Recognize ethical and professional responsibilities in data science situations and make informed judgments, which must consider the impact of the solutions in global, economic, environmental, and societal contexts.			x

M.S. in Data Science