

Date: July 2020

Program Name: Data Science

Domain	SLOs (ALP)	Year 1: 2019-2020	Year 2: 2020-2021
Content	Identify, formulate, and solve complex data problems by selecting and applying appropriate methods relevant to the student's chosen track.	STA 5176 Exam Questions STA 6235 Project Questions Rubric*	STA 5176 Exam Questions STA 6235 Project Questions Rubric*
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.		STA 5176 Exam Questions STA 6235 Project Questions Rubric*
Communication	Students can formulate reasonable interpretations of data and share them effectively through visual and narrative means.		
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.		

Domain	SLOs (ALP)	Year 3: 2021-2022	Year 4: 2022-2023
Content	Identify, formulate, and solve complex data problems by selecting and applying appropriate methods relevant to the student's chosen track.	STA 5176 Exam Questions STA 6235 Project Questions Rubric*	
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.	STA 5176 Exam Questions STA 6235 Project Questions Rubric*	
Communication	Students can formulate reasonable interpretations of data and share them effectively through visual and narrative means.	STA 6257 Projects/Papers Rubric*	STA 6257 Projects/Papers Rubric*
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.		STA 6257 Projects/Papers Rubric*

Domain	SLOs (ALP)	Year 5: 2023-2024
Content	Identify, formulate, and solve complex data problems by selecting and applying appropriate methods relevant to the student's chosen track.	STA 6257 Projects/Papers Rubric*
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.	STA 6257 Projects/Papers Rubric*
Communication	Students can formulate reasonable interpretations of data and share them effectively through visual and narrative means.	STA 6257 Projects/Papers Rubric*
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.	STA 6257 Projects/Papers Rubric*

*The asterisk indicates assessments to be reported in the department's annual report.