

Data Science and Analytics MS*
2019-2020 Student Learning Outcomes

Outcome		Assessment Methods
1	<i>Graduates will demonstrate advanced and applied knowledge of computer programming, data organization, data mining, data visualization, and algorithms.</i>	<i>Final exam in Data 505 Exit exam</i>
2	<i>Graduates will demonstrate an advanced understanding in the core area of mathematics and statistics, including optimization, machine learning, regression, and linear algebra.</i>	<i>Final exam in Data 506 Exit exam</i>
3	<i>Graduates will demonstrate the application and synthesis of their data science graduate coursework through the successful completion of a Practicum Experience or Research Thesis.</i>	<i>Practicum reports Final technical report in practicum</i>

* Preliminary outcomes