

Date: July 2020

Program Name: Math - MS

|                    |   | CIP Code:                               |   |  |                                    | Department:                             |
|--------------------|---|---|---|--|------------------------------------|---|
|                    |   | Year 1                                  | Year 2                                  | Year 3   | Year 4                             | Year 5                                  |
| Domain             | Program-Level Student Learning Outcome (From ALC or ALP)  | 2019-2020                               | 2020-2021                               | 2021-2022                                      | 2022-2023                          | 2023-2024                               |
| Content            | <del>Interpret principles of abstract mathematics, applied mathematics, or statistics by deriving and proving theorems, or modeling real life situations.</del> | MAS5145&STA5326: Exam Questions Rubric* | MAS5145&STA5326: Exam Questions Rubric* |  |                                    | MAS5145&STA5326: Exam Questions Rubric* |
| Content            | Summarize conceptual problems that require writing and evaluating proofs in mathematics and Statistics.   | MAS5145&STA5326: Exam Questions Rubric* | MAS5145&STA5326: Exam Questions Rubric* |  |                                    | MAS5145&STA5326: Exam Questions Rubric* |
| Communication      | Write coherent and accurate reports of mathematical and statistical processes and problems.   |   | Capstone Projects Rubric*               | Research/Capstone Projects Rubric*             | Research/Capstone Projects Rubric* |   |
| Communication      | Deliver oral presentations that explain mathematical concepts and processes accurately and effectively.   |   | Capstone Projects Rubric*               | Research/Capstone Projects Rubric*             | Research/Capstone Projects Rubric* |   |
| Critical Thinking  | Analyze the essentials of a problem logically and independently.  |   |   | Research/Capstone Projects Rubric*             | Research/Capstone Projects Rubric* |   |
| Critical Thinking  | Use mathematical or statistical software, and other information technology, appropriately to conduct research.  |   |   |  | Research/Capstone Projects Rubric* | Research/Capstone Projects Rubric*      |
| Integrity / Values | Demonstrate honesty and integrity in project work and research.   |   | Capstone Projects Turn-It-In Software   | Research/Capstone Projects Turn-It-In Software |                                    |   |

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

Revised 30 July 2019