

## **ROADMAP FOR MS-STAT STARTING FALL 2025 - DATA SCIENCE CONCENTRATION**

<b>1ST SEMESTER (10 UNITS)</b>	<b>2ND SEMESTER (8 UNITS)</b>
STAT 620 (4 Units) Probability and Statistical Theory	STAT 633A (4 Units) Linear Models I
STAT 630 (4 Units) Statistical Methods	STAT 640A (2 Units) Advanced Statistical Theory I
Choose ONE (2 Units) <ul style="list-style-type: none"> <li>• STAT 650A Advanced R for Data Science</li> <li>• STAT 650B - Python for Data Science</li> </ul>	Choose ONE Elective (2 Units)
<b>3RD SEMESTER (8 UNITS)</b>	<b>4TH SEMESTER (8 UNITS)</b>
STAT 633B (4 Units) Linear Models II	STAT 692 (2 Units) Comprehensive Exam Review
STAT 652 (2 Units) Statistical Machine Learning	STAT 654 (2 Units) - Introduction to Applied Deep Learning
STAT 653 (2 Units) Statistical Natural Language Processing	Choose TWO Electives (4 Units)