# DATA ANALYTICS - MASTER OF DATA ANALYTICS (ONLINE)

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

**First Year**

| Fall | | Credits |
| --- | --- | --- |
| A ST 511 | Statistical Methods for Data Analytics | 3 |
| C S 453 | Python Programming I | 3 |
| C S 508 | Introduction to Data Mining | 3 |
| | **Credits** | **9** |
| **Spring** | | |
| C S 519 | Applied Machine Learning I | 3 |
| C S 458 | R Programming I | 3 |
| One Elective Course from the list of Advanced Topics and Applications courses | | 3 |
| | **Credits** | **9** |
| **Second Year** | | |
| **Fall** | | |
| Two Elective Coures from the list of Advanced Topics and Applications courses | | 6 |
| C S 502 or ICT 458 | Database Management Systems I or Web Development and Database Applications | 3 |
| | **Credits** | **9** |
| **Spring** | | |
| Choose one from the capstone experience group | | 3 |
| | **Credits** | **3** |
| | **Total Credits** | **30** |