

# DATA ANALYTICS, MASTER OF SCIENCE (MS)

## Recommended Course Sequence

### Full-Time Course Sequence

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
STAT 603	Statistical Methods	3
STAT 630	Regression Methods	3
CPSC 605	Data Mining and Data Analysis	3
MATH 611	Optimization Models	3
<b>Hours</b>		<b>12</b>
<b>Winter</b>		
STAT 656	Statistical Computing	3
MATH 678	Data Analytics Capstone I	3
<b>Hours</b>		<b>6</b>
<b>Spring</b>		
STAT 660	Advanced Statistical Methods	3
STAT 672	Forecasting and Time Series	3
CPSC 685	Big Data Analytics	3
MATH 668	Model Analysis	3
<b>Hours</b>		<b>12</b>
<b>Summer</b>		
MATH 688	Data Analytics Capstone II	3
<b>Hours</b>		<b>3</b>
<b>Total Hours**</b>		<b>33</b>

\*\* This document is meant to serve as a guide. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

### Part-Time Course Sequence

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
STAT 603	Statistical Methods	3
STAT 630	Regression Methods	3
<b>Hours</b>		<b>6</b>
<b>Winter</b>		
STAT 656	Statistical Computing	3
<b>Hours</b>		<b>3</b>
<b>Spring</b>		
STAT 660	Advanced Statistical Methods	3
STAT 672	Forecasting and Time Series	3
<b>Hours</b>		<b>6</b>
<b>Second Year</b>		
<b>Fall</b>		
CPSC 605	Data Mining and Data Analysis	3

MATH 611	Optimization Models	3
<b>Hours</b>		<b>6</b>
<b>Winter</b>		
MATH 678	Data Analytics Capstone I	3
<b>Hours</b>		<b>3</b>
<b>Spring</b>		
CPSC 685	Big Data Analytics	3
MATH 668	Model Analysis	3
<b>Hours</b>		<b>6</b>
<b>Summer</b>		
MATH 688	Data Analytics Capstone II	3
<b>Hours</b>		<b>3</b>
<b>Total Hours**</b>		<b>33</b>

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