Master of Science in Business Analytics: Fall 2017 and Spring 2018

2 – **Required Professional Development & Career Workshops**
MGMT 7770 Prof. Development Workshop 1/Career Workshops (Fall) Wed. 9am, 12pm & 3pm sections
MGMT 7780 Prof. Development Workshop 2/Career Workshops (Spring) Wed. 9am, 12pm & 3pm sections

3 – **Required Business Core:**

MGMT 6100 Statistics for Managerial Decision Making (Fall) Tues. 6-8:50pm or Fri. 9-11:50am
  * Can **only** be waived through the waiver test. Has to be replaced with an advanced statistics or analytics class approved by the program director.

MGMT 6190 Introduction to Accounting and Financial Management (Fall) Thurs. 6-8:50pm
  * Can be waived and replaced with an advanced finance or management class by approval. Waiver requests should be made to Dr. Sonja Francis.

MGMT 6140 Information Systems (Spring) Thurs. 6-8:50pm or Fri. 2-4:50pm
  * Cannot be waived

5 – **Required Analytics Core:**

MGMT 6560 Technology Fundamentals for Analytics (Fall) Mon. 6-8:50pm
MGMT 6570 Advanced Data Resource Management (Fall) Wed. 6-8:50pm
MGMT 6790 Business Analytics Capstone (Spring) Tues. 10am -12:50pm or 12:00 – 2:50pm

Choose **one of the following three quantitative skills courses (you can still take the other two as electives):**

MGMT 6460 Advanced Quantitative Methods for Business (Fall) Fri. 4-6:50pm
CSCI 6390 Database Mining (Fall) Tues. & Fri. 10-11:50am
ECON 6560 Introduction to Econometrics (Fall) Mon. & Thurs. 12-1:50pm

Choose **one of the following three advanced analytics skills courses (you can still take the other two as electives):**

MGMT 6160 Applied Analytics and Predictive Modeling (Spring) Thurs. 6-8:50pm
ITWS 6600 Data Analytics (Spring) Tues. & Fri. 12-1:50pm
CSCI 6390 Database Mining (Fall) Tues. & Fri. 10-11:50am
  *Unless already taken as one of the three options above

2 – **Electives**

Choose **any two of the following courses as long as they were not taken as part of the core courses requirements.**

**Advanced analytics and Data courses:**
CSCI 6100 Machine Learning from Data – (Fall) Mon. & Thurs. 4-5:50pm
CSCI 6250 Frontiers of Network Science - (Fall) Mon. & Thurs. 12-1:50pm
CSCI 6390 Database Mining - (Fall) Tues. & Fri. 10-11:50am
CSCI 6962 Natural Language Processing - (Fall) Wed. 1-3:50pm
ISYE 6961 Data Analytics Research Lab - (Fall) Tues. & Fri. 12-1:20pm
STSS 4962 Critical Data Mapping – (Fall) Thurs. 4-5:50pm
ITWS 6600 Data Analytics – (Spring) Mon. & Thurs. 2-3:50pm
MGMT 6160 Applied Analytics and Predictive Modeling - (Spring) Thurs. 6-8:50pm
COMM 6880 Interactive Data Visualization – (Summer Session 2) Mon., Tues. & Thurs. 4-6:40pm

Policy and Management:
ITWS 6962 Big Data Policies – (Fall) Tues. 9-11:50am
MGMT 7030 Strategy, Technology and Competition – (Fall) Fri. 3-5:50pm OR (Summer Session 3) Tues. & Thurs. 1-4:20pm
CSCI 6370 Data and Society – (Spring) Fri. 9-11:50am

Finance:
ECON 6560 Introduction to Econometrics - (Fall) Mon. & Thurs. 12-1:50pm
MGMT6510 Financial Computation – (Fall) Thurs. 3-5:50pm or Fri. 9-11:50am
MGMT 6520 Financial Modeling – (Fall) Wed. 6-8:50pm
MGMT 7760 Risk Management - (Fall) Thurs. 6-8:50pm OR (Spring) Mon. & Thurs. 4-5:30pm
MGMT 6400 Financial Econometric Modeling – (Spring) Mon. 6-8:50pm

Marketing and Operations:
MGMT 6720 Internet Marketing – (Spring) Mon. 6-8:50pm
MGMT 6962 Marketing Analytics – (Spring) Tues. 2-4:50pm
MGMT 6350 Supply Chain Analytics - (Spring) Tues. 6-8:50pm