

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 be waived through waiver test. Has to be replaced with advanced statistics or analytics class such as CSCI 6360, ECON 6570, or ISYE 6961.

MGMT 6190 Introduction to Accounting and Financial Management (Fall) Thurs. 6-8:50pm

* Can be waived and replaced with advanced finance such as MGMT6020, MGMT 6510, MGMT 6520, MGMT7760 or an advanced management class by approval.

MGMT 6140 Information Systems for Management (Spring) Thurs. 6-8:50pm or Fri. 2-4:50pm

5 – Required Analytics Core:

MGMT 6560 Technology Fundamentals for Analytics (Fall) Mon. 6-8:50pm

MGMT 6460 Advanced Quantitative Methods for Business (Fall) Fri. 4-6:50pm

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

And one of the three following classes (you can still take the other two as electives):

CSCI 6390 Database Mining (Fall) Tues. & Fri. 10-11:50am

MGMT 6160 Applied Analytics and Predictive Modeling (Spring) Thurs. 6-8:50pm

ITWS 6600 Data Analytics (Spring) Tues. & Fri. 12-1:50pm

2 Electives:

Fall courses:

CSCI 6100 Machine Learning from Data - Mon. & Thurs. 4-5:50pm

CSCI 6250 Frontiers of Network Science - Mon. & Thurs. 12-1:50pm

CSCI 6390 Database Mining - Tues. & Fri. 10-11:50am *if not taken as core

CSCI 6962 Natural Language Processing - Wed. 1-3:50pm

ISYE 6961 Data Analytics Research Lab Tues. & Fri. 12-1:20pm

ECON 6560 Introduction to Econometrics - Mon. & Thurs. 12-1:50pm

MGMT 7030 Strategy, Technology and Competition - Fri. 3-5:50pm

STSS 4962 Critical Data Mapping – Thurs. 4-5:50pm

MGMT 6020 Financial Management I – Mon. 12-2:50pm

MGMT6510 Financial Computation – Thurs. 3-5:50pm or Fri. 9-11:50am

MGMT 6520 Financial Modeling – Wed. 6-8:50pm

MGMT 7760 Risk Management - Thurs. 6-8:50pm

Spring courses:

CSCI 6370 Data and Society Fri. 9-11:50am

ITWS 6600 Data Analytics - Tues. & Fri. 12-1:50pm *if not taken as core

MGMT 6160 Applied Analytics and Predictive Modeling - Thurs. 6-8:50pm *if not taken as core

MGMT 7760 Risk Management - Mon. & Thurs. 4-5:30pm

MGMT 6400 Financial Econometric Modeling - Mon. 6-8:50pm

MGMT 6350 Supply Chain Analytics - Tues. 6-8:50pm

MGMT 6720 Internet Marketing - Mon. 6-8:50pm

MGMT 6962 Marketing Analytics - Tues. 2-4:50pm

MGMT 6020 Financial Management I – Tues. 2-4:50pm

Summer courses:

COMM 6880 Interactive Data Visualization – Mon., Tues. & Thurs. 4-6:40pm – (Summer Session 2)

MGMT 70 30 Strategy, Technology and Competition – Tues. & Thurs. 1-4:20pm (Summer Session 3)