



M.S. in Business Analytics: Fall 2019 and Spring 2020

2 – Required Professional Development & Career Workshops

MGMT 7770 Prof. Development Workshop 1/Career Workshops (Fall): Wednesday 9 a.m., 12 p.m., & 3 p.m.

MGMT 7780 Prof. Development Workshop 2/Career Workshops (Spring): Wednesday 9 a.m., 12 p.m., & 3 p.m.

3 – Required Business Core

MGMT 6100 Statistics for Managerial Decision-Making (Fall): Monday 9-11:50 a.m. or Thursday 9-11:50 a.m.

* 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 Intro to Accounting and Financial Management (Fall): Thursday 6-8:50 p.m.

* Can be waived and replaced with an advanced finance class such as MGMT 6020, MGMT 6510, MGMT 6520, MGMT 7760, or an advanced management class with approval.

MGMT 6140 Information Systems for Management (Spring): Thursday 2-4:50 p.m. or 6-8:50 p.m.

* Cannot be waived

5 – Required Analytics Core

MGMT 6460 Advanced Quantitative Methods for Business (Fall): Monday 6-8:50 p.m. or Wednesday 6-8:50 p.m.

MGMT 6560 Introduction to Machine Learning Applications (Fall): Monday & Thursday 4-5:30 p.m.

MGMT 6570 Advanced Data Resource Management (Fall): Tuesday 12-2:50 p.m. or Monday & Thursday 12-1:30 p.m.

MGMT 6160 Applied Analytics and Predictive Modeling (Spring): Wednesday 6-8:50 p.m.

MGMT 6790 Business Analytics Capstone (Spring): Tuesday 10 a.m. -12:50 p.m.

2 – Electives

Choose any two of the following courses:

Advanced Analytics and Data Classes:

Fall

CSCI 6100 Machine Learning from Data: Monday & Thursday 4-5:50 p.m.

CSCI 6250 Frontiers of Network Science: Monday & Thursday 12-1:50 p.m.

CSCI 6390 Data Mining: Tuesday & Friday 10-11:50 a.m.

ITWS 6961 Data Analytics Research Lab: Wednesday 9-11:50 a.m. & Thursday 9-11:50 a.m.

ITWS 6600 Data Analytics: Tuesday & Friday 10-11:50 a.m. or Tuesday & Friday 2-3:50 p.m.

Spring

CSCI 6130 Natural Language Processing (4 credits): Monday & Thursday 10-11:50 a.m.

ITWS 6600 Data Analytics: Monday & Thursday 10-11:50 a.m. or 2-3:50 p.m.

Summer

COMM 6880 Interactive Data Visualization-Summer Session 2: TBA

Policy and Management Classes:Fall

ITWS 6440 Big Data Policy: Monday 11 a.m.-1:50 p.m.

MGMT 7030 Strategy, Technology and Competition: Thursday 3-5:50 p.m.

Spring

ITWS 6960 Data and Society: Wednesday 9-10:50 a.m. and Friday 9-11:50 a.m.

Summer

MGMT 7030 Strategy, Technology and Competition-Summer Session 3: TBA

Finance Classes:Fall

MGMT 6020 Financial Management I: Monday 4-6:50 p.m.

MGMT 6510 Financial Computation: Thursday 4-6:50 p.m.

MGMT 6520 Financial Modeling: Tuesday 4-6:50 p.m.

MGMT 6410 Investments I: Monday & Thursday 10-11:30 a.m.

ECON 6560 Introduction to Econometrics: Monday & Thursday 2-3:50 p.m. or Tuesday & Friday 10-11:50 a.m.

Spring

MGMT 6020 Financial Management I: Tuesday 6-8:50 p.m.

ECON 6560 Introduction to Econometrics: Tuesday & Friday 10-11:50 a.m.

MGMT 6400 Financial Econometric Modeling: Tuesday 6-8:50 p.m.

MGMT 6410 Investments I: Friday 9-11:30 a.m.

MGMT 7760 Risk Management: Tuesday 9-11:50 a.m.

Marketing and Operations Classes:Spring

MGMT 6720 Internet Marketing: Monday 6-8:50 p.m.

MGMT 6350 Supply Chain Analytics: Tuesday 6-8:50 p.m.

MGMT 6965 Marketing Analytics: Monday 10 a.m.-12:50 p.m.