### Shared Courses

**Required Field Courses (9 credits maximum may double count between degrees):**
- DNSC 6211: Programming for Analytics (3 credits) - in lieu of DNSC 4211
- DNSC 6279: Data Mining (3 credits) - in lieu of DNSC 4279

**3 Credits from the following (should be taken after completion of DNSC 3403):**
- DNSC 6214: Pricing and Revenue Management (1.5 credits)
- DNSC 6215: Social Network Analytics (1.5 credits) (SPRING ONLY)
- DNSC 6225: Business Process Simulation (1.5 credits) (SPRING ONLY)
- DNSC 6403: Visualization for Analytics (1.5 credits) (FALL ONLY)
- DNSC 6404: Sports Analytics (1.5 credits) (FALL ONLY)
- DNSC 6290: Machine Learning (1.5 credits) (SUMMER ONLY)
- DNSC 6290: Natural Language Processing (1.5 credits)
- DNSC 6290: Supply Chain Analytics (1.5 credits) (SPRING ONLY)

**Prerequisites**
- DNSC 2001 (or equivalent**)
- DNSC 6211
- DNSC 6279
- DNSC 6290

### Sharing Rules

Students may share up to 9 credits of the graduate courses listed above between the graduate and undergraduate degrees; these may be used toward the following undergraduate requirements: Business Analytics Concentration Field Courses or general electives. Students must meet with a GWSB Undergraduate Advisor to determine how to best utilize the graduate courses in the undergraduate degree.

### Degree Overview

Master of Science in Business Analytics (MSBA) 4+1 Program graduates combine the BBA’s solid foundation in business with the analytical, computing, and consulting skills of the MSBA degree – an attractive combination for employers. The MSBA curriculum encompasses the technical, quantitative, and qualitative skills for developing, deploying, and communicating business analytics solutions. Business and data analysts are crucial to help organizations perform better and develop a competitive advantage.

### Contact Information

Administrative Director: Devin Belzer (dbelzer@gwu.edu)
Faculty Director: Dr. Murat Tarimcilar (muratt@gwu.edu)

### Admissions Requirements

Students will be expected to meet all requirements for the Bachelor of Business Administration, BACCY, and BS in Finance degrees, which includes up to 9 credit hours that can be shared with the MSBA degree. Students would then be expected to complete all graduate-level requirements for the MSBA degree, which includes up to 9 shared credit hours. The GRE/GMAT requirement may be waived if the applicant has an overall GPA of 3.25 or higher and a GPA of 3.5 or higher in the MSBA Prerequisite courses above.

Prior to beginning the MSBA program, students must earn a B+ or above in the prerequisites listed below:
- DNSC 1001 Business Analytics I (or equivalent course: STAT 1051/1053/1111 or APSC 3115)
- DNSC 2001 Business Analytics II (or equivalent course: STAT 2112/2118/2123 or ECON 2123)
- DNSC 3403 Decision Models (Note: Only offered in the Spring)