

Plan of Study (with Concentration)

# Master of Science in Operations Research

Name: \_\_\_\_\_ SID: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/ email: \_\_\_\_\_

**Degree Requirements (30)** **Semester/Yr**

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**0. Foundation Courses (if needed)**

B. SYST 500: Quantitative Foundations for Systems Engineering (3) \_\_\_\_\_

**I. Operations Research Core Courses (4)**

A. OR 541: Operations Research: Deterministic Models (3) \_\_\_\_\_

B. OR 542: Operations Research: Stochastic Models (3) \_\_\_\_\_

C. OR 568: Applied Predictive Analytics (3) \_\_\_\_\_

D. OR 635: Discrete System Simulation (3) \_\_\_\_\_

**II. Project Course (1)**

OR 699: Masters Project (3) \_\_\_\_\_

**III. Electives (5) – Students may construct concentration areas by choosing electives from among special groupings. The five concentrations available are decision analysis, financial engineering, military operations research, optimization and stochastic modeling. **Please refer to the concentration area sections for the required courses in each concentration.****

Concentration area: \_\_\_\_\_

Required Course 1: \_\_\_\_\_

Required Course 2: \_\_\_\_\_

Required Course 3: \_\_\_\_\_

Deterministic Course: \_\_\_\_\_

Stochastic Course: \_\_\_\_\_

Or Elective Course: \_\_\_\_\_

(for OPT or STM concentrations)

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Faculty Advisor Signature: \_\_\_\_\_

Date: \_\_\_\_\_