

Plan of Study

# 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)**

- A. Undergraduate mathematics and computer science courses \_\_\_\_\_
- B. SYST 500: Quantitative Foundations for Systems Engineering (3) \_\_\_\_\_

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

- A. OR 541: Deterministic Operations Research (3) \_\_\_\_\_
- B. OR 542: Stochastic Operations Research (3) \_\_\_\_\_
- C. OR 635: Discrete System Simulation (3) \_\_\_\_\_
- D. STAT 544: Applied Probability (3) \_\_\_\_\_

**II. Project Course (1)**

- OR 680: Project Course (3) \_\_\_\_\_

**III. Electives (5) - Students must complete at least **three** 600-level OR courses including one Deterministic Methods course and one Stochastic Methods course. Two other elective courses can be taken from student's area of interest. At least one of these must be an SEOR offering.**

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

Deterministic Methods Course \_\_\_\_\_

Stochastic Methods Course \_\_\_\_\_

Other 600-level OR course \_\_\_\_\_

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

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

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

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

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

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