## Systems Engineering and Operations Research (SEOR)

### 700 Level Courses

**SEOR 750: Advanced Topics in Systems Engineering and Operations Research.** 3 credits.
Advanced topics, applications, or recent developments in the interface of systems engineering and operations research. Course content may vary each semester depending on instructor and the perception of students’ needs. May be repeated for credit when topics are distinctly different. Offered by Systems Engr & Operations Rsch. May be repeated within the degree for a maximum 12 credits.

**Recommended Prerequisite:** 600-level course.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Enrollment limited to students in the College of Science, Schar School of Policy and Gov or Volgenau School of Engineering colleges.

**Schedule Type:** Lecture

**Grading:**
This course is graded on the Graduate Regular scale.

**SEOR 796: Directed Reading and Research.** 1-3 credits.
Reading and research on specific topic in systems engineering or operations research under direction of faculty member. Offered by Systems Engr & Operations Rsch. May be repeated within the degree for a maximum 6 credits.

**Registration Restrictions:**
Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Enrollment limited to students in the College of Science, Schar School of Policy and Gov or Volgenau School of Engineering colleges.

**Schedule Type:** Independent Study

**Grading:**
This course is graded on the Graduate Regular scale.

### 900 Level Courses

**SEOR 998: Doctoral Dissertation Proposal.** 1-12 credits.
Work on research proposal that forms basis for doctoral dissertation.

Notes: No more than 24 credits of SEOR 998 and 999 may be applied to doctoral degree requirements. Offered by Systems Engr & Operations Rsch. May be repeated within the degree.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy.

Enrollment is limited to Graduate level students.

Enrollment limited to students in the Volgenau School of Engineering college.

**Schedule Type:** Dissertation

**Grading:**
This course is graded on the Satisfactory/No Credit scale.

**SEOR 999: Doctoral Dissertation.** 1-12 credits.
Formal record of commitment to doctoral dissertation research under direction of faculty member approved by SEOR Department. Offered by Systems Engr & Operations Rsch. May be repeated within the degree.

**Registration Restrictions:**
Enrollment limited to students with a class of Advanced to Candidacy.

Enrollment is limited to Graduate level students.

Enrollment limited to students in the Volgenau School of Engineering college.

**Schedule Type:** Dissertation

**Grading:**
This course is graded on the Satisfactory/No Credit scale.