

# DATA ANALYTICS ENGINEERING (DAEN)

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## 500 Level Courses

**DAEN 500:** *Data Analytics Fundamentals*. 3 credits.

Provides a foundation in data analytics from which the student will build. Focuses on a dataset where students will use analytics tools and apply statistical methodologies in order to extract information of value. Offered by Volgenau School of Engineering. May not be repeated for credit.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate 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

## 600 Level Courses

**DAEN 690:** *Data Analytics Project*. 3 credits.

Capstone project course for MS in Data Analytics program. Key activity is completion of a major applied team project resulting in an acceptable technical report and oral briefing. Student should plan to take this course in the last semester of studies. Offered by Volgenau School of Engineering. May not be repeated for credit.

**Recommended Prerequisite:** Completion of twelve credit hours of coursework in MS Data Analytics program.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

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**Schedule Type:** Seminar

**DAEN 698:** *Data Analytics Research Project*. 1-3 credits.

Conduct a research project to be chosen and completed under guidance of a graduate faculty member that results in an acceptable technical report. Notes: No more than a total of three credits may be taken from within the DAEN program. Offered by Volgenau School of Engineering. May be repeated within the term for a maximum 3 credits.

**Recommended Prerequisite:** Graduate Standing, completion of at least two core courses and a minimum of 12 credits in the DAEN program, and permission of instructor.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Non Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate 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:** Research