



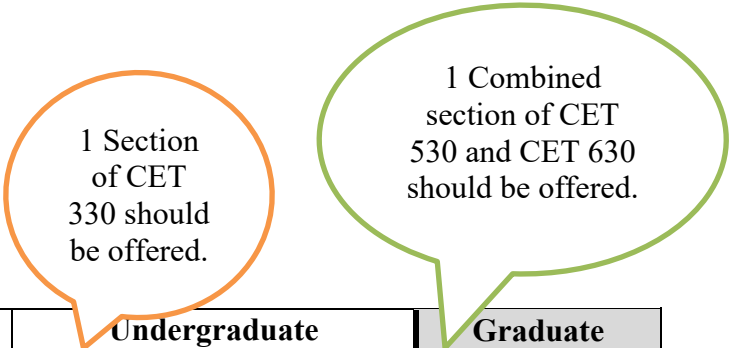
Last Updated: **Monday, July 8, 2024**

## PLANNED COURSE ROTATION FOR ENVIRONMENTAL AND WATER-RESOURCES RELATED COURSES

The actual course offerings can be viewed online using CaneLink. For planning purposes, the course rotations are shown on the following pages. These include:

- **Environmental & Water**

Example rotation:



Semester	Undergraduate			Graduate	
	Fall 2024	330		403	530/630

**CAE ENVIRONMENTAL AND WATER-RESOURCES RELATED COURSES\***

Semester	Undergraduate			Graduate	
Fall 2022	330		403	530/630	
Spring 2023	330	430	404		604
Fall 2023	330 330		†	530/630	
Spring 2024	330	430	†		604
Fall 2024	330		†	530/630	
Spring 2025	330	430	†		604
Fall 2025	330		†	530/630	
Spring 2026	330	430	†		604

\* These courses are cross-listed with corresponding CET courses.

†CET will be offering their own versions of 403 and 404.

**CET ENVIRONMENTAL AND WATER-RESOURCES RELATED COURSES**

Semester	Undergraduate			Graduate				
Fall 2022	340	345			533/633			
Spring 2023	340		440	604		540/640	541/641	
Fall 2023		345 345						543/643
Spring 2024	340		440		533/633			
Fall 2024		345				540/640	541/641	
Spring 2025	340		440					543/643
Fall 2025		345 345			533/633			
Spring 2026	340		440			540/640	541/641	

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**Probability and Statistics related courses:**

- **Industrial and Systems Engineering (ISE)**

**ISE 712 Design of Experiments;** 3 credits Fall Semester

Design and analysis of experiments, randomized blocks, Latin Squares, factorials, multiple correlation and regression, and application to response surfaces are discussed. PREREQUISITE: IEN 311 or MAS 311 or equivalent.

- **Mathematics (MTH)**

**MTH 624 Introduction to Probability;** 3 credits Fall Semester

Probability spaces, random variables, expectation, limit theorems. PREREQUISITE: MTH 224, MTH 310.

**MTH 642 Statistical Analysis;** 3 credits Fall Semester

Statistical inference about one or two populations from interval, ordinal and categorical data; analysis of variance; simple and multiple linear regression; designing research studies. PREREQUISITE: MTH 210, MTH 224