



Dept. of Chemical, Environmental, and Materials Engineering
1251 Memorial Drive
McArthur Engineering Bldg.
Coral Gables, FL 33146

Last Updated: **June 3, 2021**

PLANNED COURSE ROTATION FOR ENVIRONMENTAL 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:

- **Water & Environmental**

Example rotation:

3 Sections
of CAE
210 should
be offered.

1 Combined
section of CAE
520 and CAE 620
should be offered.

Semester	Undergraduate												Graduate			
Spring 2018	210	211	212		313	310	321	450	370	371	402	404	520/620	590/690	604	711
	210		212		313					371						
	210									371						

ENVIRONMENTAL AND WATER (INCLUDING RISK) COURSES

Semester	Undergraduate							Graduate						
Fall 2019		330	340	345		403		530/630	533/633					735
Spring 2020	240	330			430	404	440			540/640			604	743
Fall 2020		330	340			403		530/630			541/641	542/642		
Spring 2021	240	330		345	430	404	440		533/633				604	730
Fall 2021		330	340			403		530/630		540/640				735
Spring 2022	240	330		345	430	404	440					542/642	604	743

*Note: 541/641 and 7xx are typically offered once every 4 semesters

- Industrial Engineering (IEN)**

IEN 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