

ENVIRONMENTAL ENGINEERING PROGRAM
(126 hours)

Effective for fall 2020.

The required courses are normally taught in fall or spring semesters as indicated below.

Each student is responsible for tracking future changes in this schedule.

FIRST YEAR

FALL **16 credits** **Sem. Grade**

General Chemistry*	CHEM 103/134 (4)		
Computer Science	CISC 106 (3)		
Intro. to Engineering	EGGG 101 (2)		
Analy. Geom. & Calc. A*	MATH 241 (4)		
Breadth Requirement	(3)		

FIRST YEAR

SPRING **17 credits** **Sem. Grade**

General Chemistry*	CHEM 104/134 (4)		
Intro to Enviro. Eng.*	CIEG 133 (3)		
Seminar in Composition*	ENGL 110 (3)		
Analy. Geom. & Calc. B*	MATH 242 (4)		
Breadth Requirement	(3)		

SOPHOMORE YEAR

FALL **17 credits** **Sem. Grade**

Statics (H)	CIEG 211 (3)		
Enviro. Eng. Processes*	CIEG 233 (3)		
Analy. Geom. & Calc. C*	MATH 243 (4)		
Fundamentals of Physics I*	PHYS 207 (4)		
Breadth Requirement	(3)		

SOPHOMORE YEAR

SPRING **16 credits** **Sem. Grade**

Introductory Biology I	BISC 207 (4)		
Prob. & Stats. for Eng (H)	CIEG 315 (3)		
Engineering Math I	MATH 351 (3)		
Thermo. for Enviro Eng.	CIEG 333 (3)		
Computer Elective (a)	(3)		

JUNIOR YEAR

FALL **17 credits** **Sem. Grade**

Fluid Mechanics (H)	CIEG 305 (3)		
Fluid Mechanics Lab	CIEG 306 (1)		
Microbiology of Eng. Systems	CIEG 444 (4)		
Organic Chemistry I	CHEM 321 (3)		
Water Resources Eng.	CIEG 440 (3)		
Breadth Requirement	(3)		

JUNIOR YEAR

SPRING **15 credits** **Sem. Grade**

Tech. Writing/Breadth Req.	ENGL 410 (3)		
Water and WW Quality	CIEG 437 (3)		
PRM of Solid Waste	CIEG 436 (3)		
Technical Elective	(3)		
Breadth Requirement	(3)		

SENIOR YEAR

FALL **14 credits** **Sem. Grade**

Water and Wastewater Eng.	CIEG 438 (3)		
Senior Design (H)	CIEG 461 (2)		
Enviro. Eng. Lab	CIEG 337 (3)		
Surface Water Course (b)	(3)		
Technical Elective	(3)		

SENIOR YEAR

SPRING **14 credits** **Sem. Grade**

Senior Design (H)	CIEG 461 (2)		
Air Pollution Course (c)	(3)		
Groundwater Course (d)	(3)		
Technical Elective	(3)		
Technical Elective	(3)		

*Grade of C- or higher for degree requirement or as pre-requisite for other courses.

(H) Department of Civil and Environmental engineering offers an honors section of this course.

All breadth requirements (18 credit hours) require a C- or better. The three University breadths must be taken from separate departments. See UD Academic Catalog for more information.

Creative Arts & Humanities	Sem.	Grade	History & Cultural Change	Sem.	Grade	Social & Behavioral Sciences	Sem.	Grade
Add'l Breadth Requirements (9 credits)								
ENGL 410			Prof./Career Prep					

_____ two upper-level (300 and higher) courses

_____ Multicultural Requirement

- a) APEC480, GEOG372, CIEG322, or LARC150;
- b) CIEG430 or CIEG468
- c) CIEG415 (spring) or CIEG434 (fall);
- d) CIEG498 or GEOL428