Name _____   Advisor _____

ENVIRONMENTAL ENGINEERING PROGRAM
Water Resources and Water Quality (125 hours)

Effective for fall 2018 and subsequent classes.
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**

Course	Code	Sem.	Grade
General Chemistry*	CHEM 103 (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**

Course	Code	Sem.	Grade
General Chemistry*	CHEM 104 (4)		
Enviro. Eng. Processes*	CIEG 233 (3)		
Seminar in Composition	ENGL 110 (3)		
Analy. Geom. & Calc. B*	MATH 242 (4)		
Breadth Requirement	(3)		

SOPHOMORE YEAR
FALL   **17 credits Sem.   Grade**

Course	Code	Sem.	Grade
Statics	CIEG 211 (3)		
Enviro. Eng. Thermo.	CIEG 333 (3)		
Analy. Geom. & Calc. C*	MATH 243 (4)		
General Physics I*	PHYS 207 (4)		
Breadth Requirement	(3)		

SOPHOMORE YEAR
SPRING   **16 credits Sem.   Grade**

Course	Code	Sem.	Grade
Introductory Biology I	BISC 207 (4)		
Prob. & Stats. for Engineers	CIEG 315 (3)		
Engineering Math I	MATH 351 (3)		
Computer Elective (a)	(3)		
Breadth Requirement	(3)		

JUNIOR YEAR
FALL   **16 credits Sem.   Grade**

Course	Code	Sem.	Grade
Fluid Mechanics	CIEG 305 (3)		
Fluid Mechanics Lab	CIEG 306 (1)		
Technical Elective	(3)		
General Elective	(3)		
Water Resources Eng.	CIEG 440 (3)		
Breadth Requirement	(3)		

JUNIOR YEAR
SPRING   **15 credits Sem.   Grade**

Course	Code	Sem.	Grade
Tech. Writing/Breadth Req.	ENGL 410 (3)		
Water and WW Quality	CIEG 437 (3)		
PRM of Solid Waste	CIEG 436 (3)		
Groundwater or Tech Elec (b)	(3)		
Watershed or Tech Elec (c)	(3)		

SENIOR YEAR
FALL   **14 credits Sem.   Grade**

Course	Code	Sem.	Grade
Water and Wastewater Eng.	CIEG 438 (3)		
Senior Design	CIEG 461 (2)		
Enviro. Eng. Lab	CIEG 337 (3)		
Watershed or Tech Elec (c)	(3)		
Air Pollution or Tech Elec (d)	(3)		

SENIOR YEAR
SPRING   **14 credits Sem.   Grade**

Course	Code	Sem.	Grade
Senior Design	CIEG 461 (2)		
Air Pollution or Tech Elec (d)	(3)		
Surface Water Course (e)	(3)		
Groundwater or Tech Elec (b)	(3)		
Urban Hydrology/Drain. Des.	CIEG 431 (3)		

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

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 (18 credits)								
ENGL 410								

_____ two upper-level (300 and higher) courses   _____ Multicultural Requirement

a)   **APEC480, GEOG250, GEOG372, CIEG367 (CAD course), or PLSC150;**
b)   **CIEG498 or GEOL428 and take tech elective in alt. semester;**
c)   **GEOG432 (fall), PLSC421 (spring), or UAPP411 (spring) and take tech elective in alt. semester;**
d)   **CIEG415 (spring) or CIEG434 (fall);**
e)   **CIEG430 (even years) or CIEG468 (odd years)**