

Student

General Education Reqs.

- 4. Historical Perspectives
- 5. Foreign Culture
- 6. Fine Arts
- 7. Social Science
- 8. Literature and Philosophy

Notes

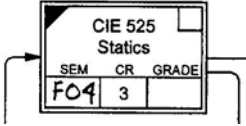
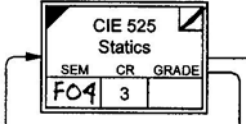
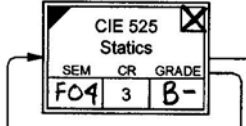
1. A continuous line = a prerequisite, a dashed line = a corequisite, * = a “writing-intensive” course.
2. Courses with a solid triangle in the upper left indicate a course on the critical path. (Delaying or failing may delay graduation.)
3. No ENE or CIE 600-level course may be taken until the following is true:
 - The student has achieved an average grade ≥ 2.00 in all double-boxed courses taken.
 - The student has an overall GPA of ≥ 2.00 .

Graduation Requirements

1. ENE major
2. ≥ 128 cr
3. ENE/CIE design elective
4. University general education courses
5. University writing intensive courses†
6. Overall GPA ≥ 2.00
7. GPA in engineering courses ≥ 2.00

† Courses above fulfill this requirement.

HOW TO FILL OUT COURSE BOXES

When a course is planned, indicate the semester in the lower, left-hand corner. (Here, Fall of 2004)	
When the student is currently enrolled in the course, indicate this with a single slash, in the upper, right-hand corner.	
When the course is completed, complete the upper, right-hand corner and add the grade to the lower, right-hand corner.	

TECHNICAL ELECTIVES⁺

NR 501	Introduction to Soil Sciences	4 cr
CIE 526	Strengths of Materials	3 cr
CHE 501	Introduction to Chemical Engr	3 cr
502	Introduction to Chemical Engr	3 cr
605	Mass Transfer & Stage Oper	3 cr
606	Chem Engr Kinetics	3 cr
761	Biochemical Engineering	4 cr
CHEM 517	Quantitative Analysis	4 cr
ESCI 705	Principles of Hydrology	4 cr
654	Fate and Transport	4 cr
501	Intro to Oceanography	3 cr
561	Surficial Processes	4 cr
ECE 537	Intro to Electrical Engineering	4 cr
EREC 608	Environmental Economics	4 cr
GEOG 658	Introduction to GIS	4 cr
760	GIS and Natural Resources	4 cr
MATH 740	Indl Stats & Dsgn of Exper	4 cr
744	Design of Experiments II	4 cr
ME 503	Thermodynamics	3 cr
NR 501	Introduction to Soil Science	4 cr
604	Watershed Hydrology	4 cr
607	Soil and Land Evaluation	4 cr
OE 690	Intro to Ocean Engineering	4 cr
744	Corrosion	4 cr
754	Ocean Waves and Tides	4 cr
PHYS 408	General Physics II	4 cr
505	General Physics III	4 cr

⁺Other appropriate technical electives in science or engineering can be used as well with permission of advisor.

ENGINEERING LABORATORY ELECTIVES

CIE 665	Soil Mechanics	4 cr
ENE 709	Fundamentals of Air Pollution	4 cr
ENE 743	Environ Sampling & Analysis	4 cr
OE 710	Ocean Measurements Lab	4 cr

ENVIRONMENTAL AND CIVIL ENGINEERING
DESIGN ELECTIVES

ENE 740	Public Health Engr.	3 cr
748	Solid & Haz. Waste Design	4 cr
CIE 755	Water Transmission Systems [‡]	4 cr
758	Stormwater Man Designs	4 cr
760	Foundation Design I	4 cr

[‡] If CIE 755 is taken as the alternative in the spring semester of the junior year, it cannot be used as a design elective.

ENVIRONMENTAL AND CIVIL ENGINEERING
NON-DESIGN ELECTIVES

ENE 709	Air Pollution	4 cr
747	Marine Pollution	4 cr
CIE 741	Open Channel Flow [‡]	3 cr
745	Engineering Hydrology	3 cr
750	Ecohydrology	3 cr
758	Stormwater Man Designs	4 cr
766	Geoenvironmental Engr.	3 cr

[‡] If CIE 741 is taken as the alternative in the spring semester of the junior year, it cannot be used as a non-design elective.