The following is a sample 4-year plan. Please note that student-specific plans may differ. Consult with your academic advisor for your specific plan.

For more information on major requirements and technical elective courses, go to catalog.usu.edu and select “Degree Maps.”

For students working less than 20 hours per week.

### FRESHMAN FALL
- **BIOL 1010** Biology & the Citizen: 3 FSpSu
- **CEE 1880** Orientation & Comp. App.: 1 F
- **CEE 2240** Engineering Surveying: 3 FSp
- **CHEM 1210** Chemistry 1: 4 FSp
- **MATH 1210** Calculus 1: 4 FSpSu

### FRESHMAN SPRING
- **CS 1400** Computer Science 1: 4 FSp
- **CHEM 1215** Chemistry 1 Lab: 1 FSp
- **PHYS 2210** Physics 1: 4 FSpSu
- **PHYS 2215** Physics 1 Lab: 1 FSp
- **MATH 1220** Calculus 2: 3 FSpSu
- **GENERAL EDUCATION** Breadth Course (BAI): 3 FSpSu

### SOPHOMORE FALL
- **BENG 2400** Thermodynamics: 3 Sp
- **CEE 2620** Microbiology: 2 Sp
- **CEE 2890** Sophomore Seminar: 1 Sp
- **ENGR 2010** Statics: 3 FSp
- **ENGR 2270** Comp. Engineering Drafting: 2 FSp

### SOPHOMORE SPRING
- **CS 1400** Computer Science 1: 4 FSp
- **CHEM 2300** Organic Chemistry: 3 F
- **MATH 2250** Linear Algebra & Diff. Eq.: 4 FSpSu
- **ENGR 2030** Dynamics: 3 FSp
- **PSC 3000** Fundamentals of Soil Science: 4 FSp
- **ENGL 2010** Intermediate Writing: 3 FSpSu

### JUNIOR FALL
- **CEE 3500** Fluid Mechanics: 3 F
- **CEE 3610** Environmental Management: 3 F
- **CEE 3780** Hazardous Waste Mgmt.: 3 F
- **CEE 4200** Engineering Economics: 3 FSp
- **GENERAL EDUCATION** Depth Course (DHA): 2 FSpSu

### JUNIOR SPRING
- **CEE 3430** Engineering Hydrology: 3 Sp
- **CEE 3450** Engineering Hydraulics: 3 Sp
- **CEE 3640** Drinking Water Engineering: 3 Sp
- **CEE 3650** Wastewater Engineering: 3 Sp
- **CEE 3670** Transport Phenomena: 3 Sp
- **CEE 3880** Civ. & Env. Engr. Design 1: 1 Sp

### SENIOR FALL
- **CEE 4870** Civ. & Env. Engr. Design 2: 2 F
- **CEE 5610** Env. Quality Analysis: 3 F
- **CEE 5860** Air Quality Management: 3 FSpSu
- **STAT 3000** Statistics for Scientists: 3 FSp
- **TECHNICAL ELECTIVE** See approved list: 3 FSp
- **GENERAL EDUCATION** Breadth Course (BH): 3 FSpSu
- **FUND. OF ENGR. EXAM (FE)** Graduation Requirement: 2 FSp

### SENIOR SPRING
- **CEE 4880** Civ. & Env. Engr. Design 3: 2 Sp
- **TECHNICAL ELECTIVE** See approved list: 2 FSp
- **TECHNICAL ELECTIVE** See approved list: 2 FSp
- **GENERAL EDUCATION** Breadth Course (BS): 3 FSpSu
- **GENERAL EDUCATION** Breadth Course (BCA): 3 FSpSu
- **GENERAL EDUCATION** Breadth Course (DSS): 3 FSpSu

### UNIVERSITY REQUIREMENTS

English 1010 is a University requirement and is a prerequisite for English 2010. An English ACT score of 29+ or an SAT verbal score of 640+ will fulfill the English 1010 requirement.

### PRE-PROFESSIONAL PROGRAM (PPRU) REQUIREMENTS
- Complete courses marked with an asterisk (*)
- No more than three total repeats for PPRU courses
- Minimum 2.5 PPRU GPA
- Minimum grade of C- for PPRU courses

### PROFESSIONAL PROGRAM (PP) REQUIREMENTS
- No more than three total repeats for Professional Program courses
- Minimum 2.0 Professional GPA
- Up to 10 “D” credits are allowed (all other grades must be a C- or better)

* Abbreviations: (CR) Credits • (SEM) Semester • (F) Fall • (Sp) Spring • (Su) Summer

**ACADEMIC YEAR 2020-21**

**TWO IMPORTANT DATES**
- **8/24** - Last day to add a course
- **8/24** - Last day to withdraw a course

**Fall 2020 Requirements: 16 credits**
- English 1010
- Calculus 1
- Chemistry 1
- Engineering Surveying
- Biology & the Citizen

**Spring 2020 Requirements: 16 credits**
- Engineering Hydrology
- Engineering Hydraulics
- Drinking Water Engineering
- Wastewater Engineering
- Transport Phenomena
- Civ. & Env. Engr. Design 1

**Fall 2021 Requirements: 16 credits**
- Thermodynamics
- Microbiology
- Sophomore Seminar
- Statics
- Comp. Engineering Drafting
- Intermediate Writing

**Spring 2021 Requirements: 16 credits**
- Civ. & Env. Engr. Design 2
- Env. Quality Analysis
- Air Quality Management
- Statistics for Scientists
- See approved list
- Breadth Course (BH)

**Fall 2022 Requirements: 17 credits**
- Civ. & Env. Engr. Design 3
- See approved list
- See approved list
- Breadth Course (BS)
- Breadth Course (BCA)
- Breadth Course (DSS)

**Spring 2022 Requirements: 17 credits**
- Fund. of Engr. Exam (FE)
Any discrepancy between this chart and the 2020-21 General Catalog is resolved in favor of the General Catalog.