



College of Engineering
UtahStateUniversity

- 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."
- Plan designed for students working less than 20 hours per week.

PRE-PROFESSIONAL PROGRAM

FRESHMAN FALL

COURSE	CR ⁺	SEM ⁺
BIOL 1010 Biology & the Citizen	3	FSpSu
CEE 1880* Orientation & Comp. App.	1	F
CEE 2240* Engineering Surveying	3	F
CHEM 1210* Chemistry 1	4	FSpSu
CHEM 1215* Chemistry 1 Lab	1	FSpSu
MATH 1210* Calculus 1	4	FSpSu
TOTAL CREDITS	16	

FRESHMAN SPRING

COURSE	CR ⁺	SEM ⁺
CHEM 1220* Chemistry 2	4	FSpSu
CHEM 1225* Chemistry 2 Lab	1	FSpSu
PHYS 2210* Physics 1	4	FSpSu
PHYS 2215* Physics 1 Lab	1	FSpSu
MATH 1220* Calculus 2	4	FSpSu
CEE 2270* Comp. Engineering Drafting	2	FSp
CEE 2890* Sophomore Seminar	1	Sp
TOTAL CREDITS	17	

SOPHOMORE FALL

COURSE	CR ⁺	SEM ⁺
CEE 1400* Intro to Programming	2	F
CHEM 2300* Organic Chemistry	3	F
MATH 2250* Linear Algebra & Diff. Eq.	4	FSpSu
ENGR 2010* Statics	3	FSpSu
PSC 3000* Fundamentals of Soil Science	4	FSp
TOTAL CREDITS	16	

SOPHOMORE SPRING

COURSE	CR ⁺	SEM ⁺
BENG 2400* or MAE 2300* Thermodynamics	3	Sp
CEE 2620* Microbiology	2	Sp
ENGR 2030* Dynamics	3	FSpSu
GENERAL EDUCATION Breadth Course (BAI)	3	FSpSu
ENGL 2010* Intermediate Writing	3	FSpSu
GENERAL EDUCATION Depth Course (DSS)	2	FSpSu
TOTAL CREDITS	16	

PROFESSIONAL PROGRAM

JUNIOR FALL

COURSE	CR ⁺	SEM ⁺
CEE 3500 Fluid Mechanics	3	F
CEE 3610 Environmental Management	3	F
CEE 3780 Hazardous Waste Mgmt.	3	F
CEE 2450 Programming/Num. Methods	3	F
ENGR 3080 Technical Communication	3	FSp
GENERAL EDUCATION Depth Course (DHA)	2	FSpSu
TOTAL CREDITS	17	

JUNIOR SPRING

COURSE	CR ⁺	SEM ⁺
CEE 3430 Engineering Hydrology	3	Sp
CEE 3510 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
TOTAL CREDITS	16	

SENIOR FALL

COURSE	CR ⁺	SEM ⁺
CEE 4870 Civ. & Env. Engr. Design 2	2	F
CEE 5610 Env. Quality Analysis	3	F
CEE 5860 Air Quality Management	3	F
STAT 3000 Statistics for Scientists	3	FSpSu
TECHNICAL ELECTIVE See approved list	3	FSp
CEE 4200 Engineering Economics	3	F
FUND. OF ENGR. EXAM (FE) Graduation Requirement		
TOTAL CREDITS	17	

SENIOR SPRING

COURSE	CR ⁺	SEM ⁺
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 (BSS)	3	FSpSu
GENERAL EDUCATION Breadth Course (BCA)	3	FSpSu
GENERAL EDUCATION Breadth Course (BHU)	3	FSpSu
TOTAL CREDITS	15	

TOTAL CREDITS REQUIRED 130

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)

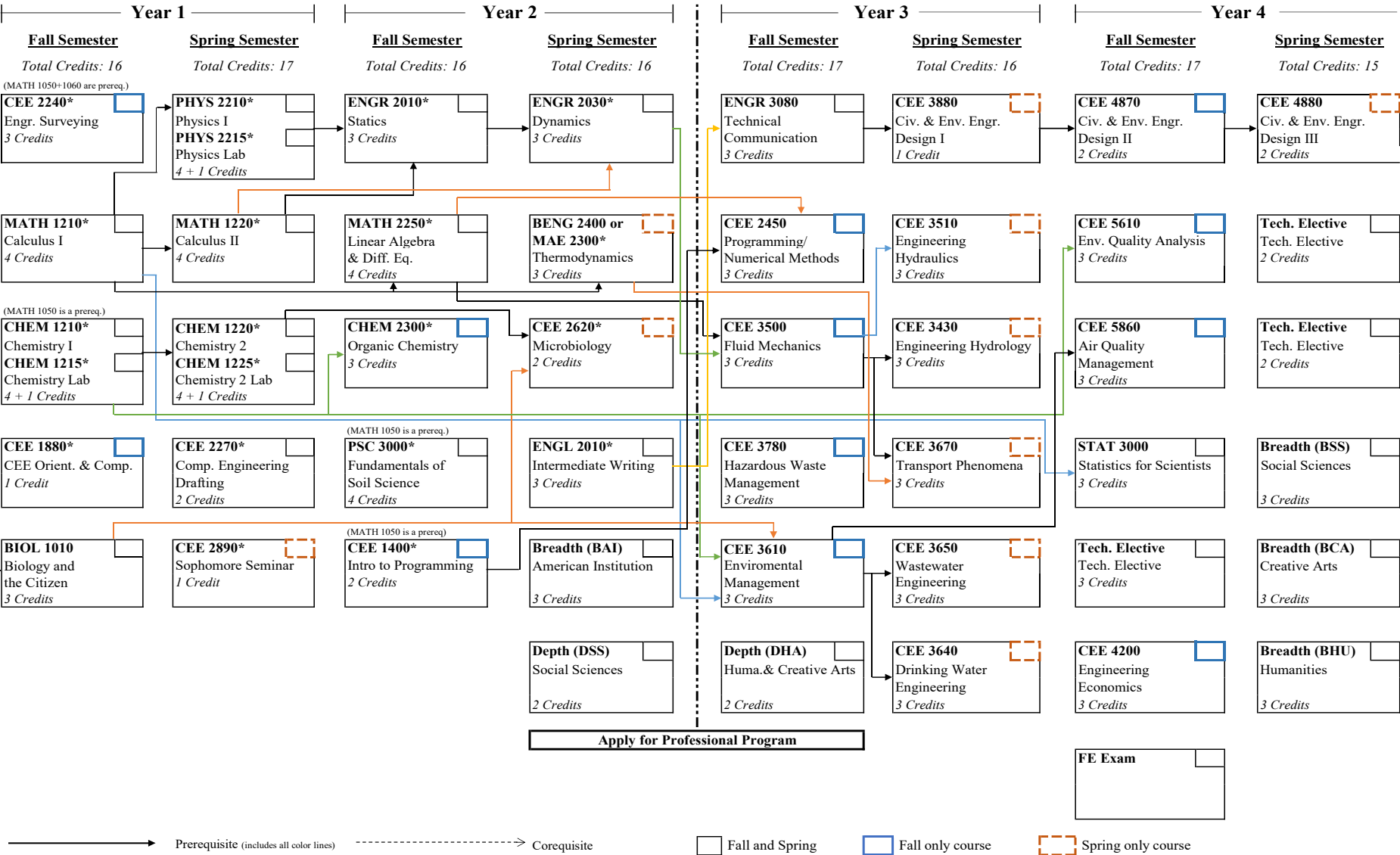
⁺Abbreviations: (CR) Credits • (SEM) Semester • (F) Fall • (Sp) Spring • (Su) Summer

ACADEMIC YEAR
2023-24



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Any discrepancy between this chart and the 2023-24 General Catalog is resolved in favor of the General Catalog.



* Required for admission to Professional Program.

ACADEMIC YEAR
2023-24