

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."

PRE-PROFESSIONAL PROGRAM

FRESHMAN FALL			FRESHMAN SPRING			SOPHOMORE FALL			SOPHOMORE SPRING		
COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺
CS 1400* Computer Science 1	4	FSpSu	CS 1410* Computer Science 2	3	FSpSu	CS 2420* Algorithms & Data Structures	3	FSp	CS 3100 Operating Systems	3	FSp
MATH 1210* Calculus 1	4	FSpSu	MATH 1220* Calculus 2	4	FSpSu	ECE 2250* Electrical Circuits 1	3	F	ECE 2290* Electrical Circuits 2	3	Sp
GENERAL EDUCATION Breadth Course (BHU)	3	FSpSu	ECE 2700* Digital Circuits	4	FSp	ENGL 2010 Intermediate Writing	3	FSpSu	MATH 2280* Differential Equations	3	FSp
GENERAL EDUCATION Breadth Course (BAI)	3	FSpSu	PHYS 2210* Physics 1	4	FSpSu	MATH 2270* Linear Algebra	3	FSp	MATH/SCIENCE ELECTIVE	3	FSp
GENERAL EDUCATION Breadth Course (BCA)	3	FSpSu	PHYS 2215* Physics 1 Lab	1	FSpSu	PHYS 2220* Physics 2	4	FSpSu	GENERAL EDUCATION Breadth Course (BLS)	3	FSpSu
						PHYS 2225* Physics 2 Lab	1	FSpSu			
TOTAL CREDITS 17			TOTAL CREDITS 16			TOTAL CREDITS 17			TOTAL CREDITS 15		

PROFESSIONAL PROGRAM

JUNIOR FALL			JUNIOR SPRING			SENIOR FALL			SENIOR SPRING		
COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺	COURSE	CR ⁺	SEM ⁺
ECE 3620 Continuous Time Systems	3	F	ECE 3410 Microelectronics 1	4	Sp	ECE 4820 Computer Engr. Design 1	1	FSp	ECE 4840 Computer Engr. Design 2	2	FSp
ECE 3710 Microcontrollers	4	F	ECE 3810 Engineering Professionalism	1	FSp	ECE 4830 Engineering Comm. 1	1	FSp	ECE 4850 Engineering Comm. 2	1	FSp
ECE 5720 Comp. Sys. Programming	3	F	ENGR 3080 Technical Communication	3	FSp	ECE 5600 Intro. to Computer Networks	3	F	TECHNICAL ELECTIVE High Level Elective	3	FSp
MATH 3310 Discrete Mathematics	3	FSp	STAT 3000 Statistics for Scientists	3	FSpSu	TECHNICAL ELECTIVE High Level Elective	3	FSp	TECHNICAL ELECTIVE Core Comp. Engr. Elective	3	FSp
GENERAL EDUCATION Depth Course (DSS)	3	FSpSu	TECHNICAL ELECTIVE Coding Intensive Elective	3	FSp	TECHNICAL ELECTIVE Coding Intensive Elective	3	FSp	TECHNICAL ELECTIVE High Level Elective	3	FSp
						TECHNICAL ELECTIVE Core Comp. Engr. Elective	3	FSp	GENERAL EDUCATION Depth Course (DHA)	2	FSpSu
						GENERAL EDUCATION Breadth Course (BSS)	3	FSpSu			
TOTAL CREDITS 16			TOTAL CREDITS 14			TOTAL CREDITS 17			TOTAL CREDITS 14		

TOTAL CREDITS REQUIRED **126**

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 2.8 PPRU GPA
- Minimum grade of C- for PPRU courses

PROFESSIONAL PROGRAM (PEP) REQUIREMENTS

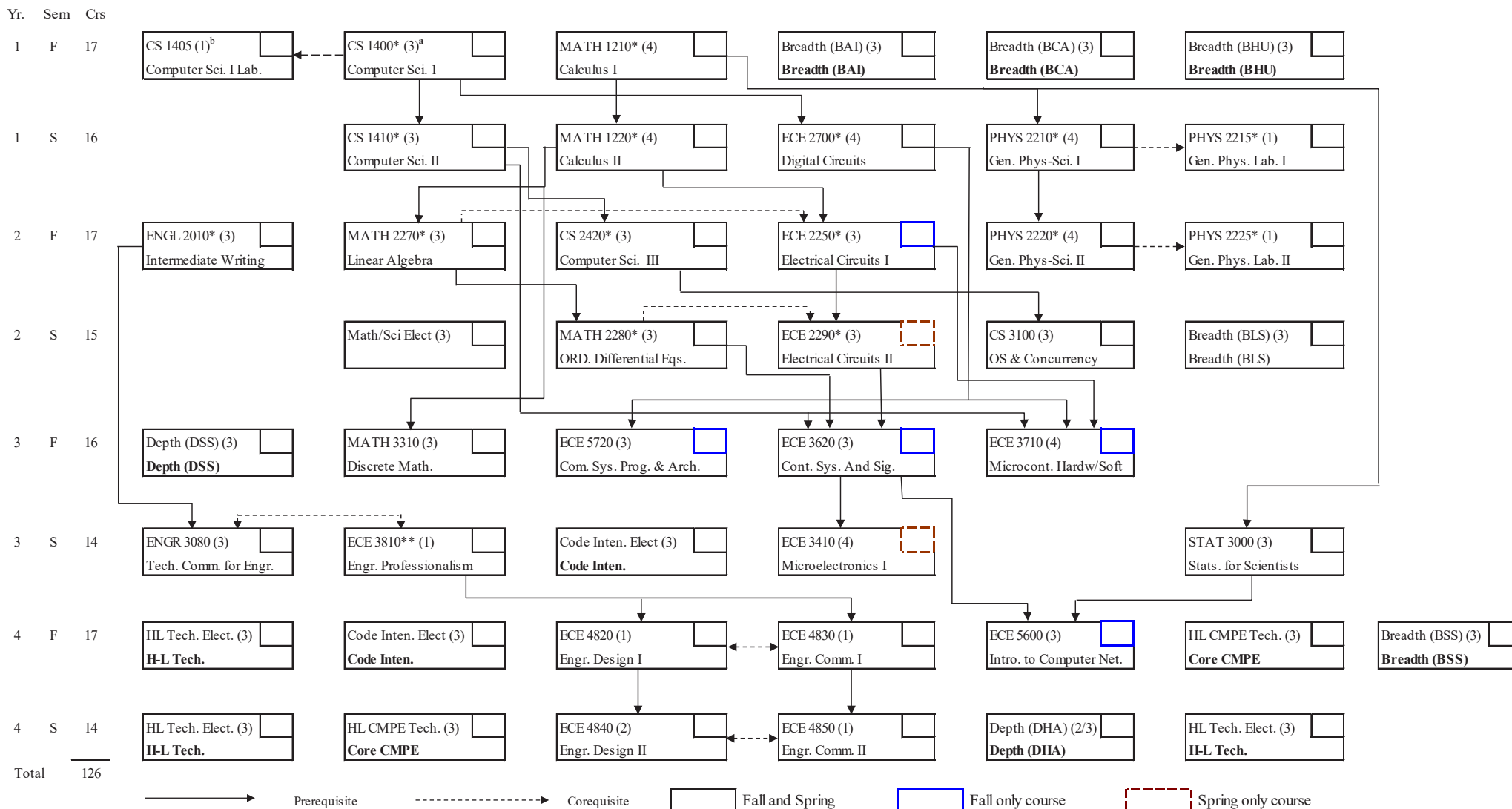
- No more than three total repeats for PEP courses
- Minimum 2.0 PEP GPA
- Up to 10 "D" credits are allowed (all other grades must be a C- or better)

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



ACADEMIC YEAR
2017 - 18

Any discrepancy between this chart and the 2017-18 General Catalog is resolved in favor of the General Catalog.



* Required for admission to Professional Program.

^a Classes traditionally offered in the summer.



ACADEMIC YEAR
2017 - 18