



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, go to [catalog.usu.edu](http://catalog.usu.edu) and select "Degree Maps."

PRE-PROFESSIONAL PROGRAM

FRESHMAN FALL		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 1400*</b> Computer Science 1	4	FSpSu
<b>ENGL 1010</b> Intro. to Writing	3	FSpSu
<b>MATH 1210*</b> Calculus 1	4	FSpSu
<b>GENERAL EDUCATION</b> USU 1350 (BLS)	3	FSpSu
TOTAL CREDITS 14		

FRESHMAN SPRING		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 1410*</b> Computer Science 2	3	FSpSu
<b>CS 1440*</b> Methods in Comp. Sci.	3	FSp
<b>MATH 1220*</b> Calculus 2	4	FSpSu
<b>GENERAL EDUCATION</b> Breadth Course (BAI)	3	FSpSu
<b>GENERAL EDUCATION</b> Breadth Course (BSS)	3	FSpSu
TOTAL CREDITS 16		

SOPHOMORE FALL		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 2420*</b> Algorithms & Data Structures	3	FSp
<b>CS 2410*</b> Intro. to Event Prog. & GUIs	3	FSp
<b>CS 3000*</b> Undergraduate Seminar	1	FSpSu
<b>MATH 3310*</b> Discrete Mathematics	3	FSp
<b>PHYS 2210</b> Physics 1	4	FSpSu
<b>PHYS 2215</b> Physics 1 Lab	1	FSpSu
TOTAL CREDITS 15		

SOPHOMORE SPRING		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 2610*</b> Developing Web App.	3	FSp
<b>CS 2810</b> Comp. Sys. Organization	3	FSp
<b>PHYS 2220</b> Physics 2	4	FSpSu
<b>PHYS 2225</b> Physics 2 Lab	1	FSpSu
<b>ENGL 2010</b> Intermediate Writing	3	FSpSu
<b>GENERAL EDUCATION</b> Breadth Course (BCA)	3	FSpSu
TOTAL CREDITS 17		

PROFESSIONAL PROGRAM

JUNIOR FALL		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 3100</b> Op. Sys. & Concurrency	3	FSp
<b>CS 3450</b> Intro. to Software Engineering	3	FSp
<b>CS 5000 or CS 5050</b> Theory of Comp. or Adv. Alg.	3	Sp FSp
<b>ENGR 3080</b> Technical Communication	3	FSp
<b>MATH 2270</b> Linear Algebra	3	FSp
TOTAL CREDITS 15		

JUNIOR SPRING		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS 4700</b> Programming Languages	3	FSpSu
<b>STAT 3000</b> Statistics for Scientists	3	FSpSu
<b>GENERAL EDUCATION</b> Depth Course (DHA)	3	FSpSu
<b>CS ELECTIVE</b> ≥3XXX Elective	3	FSp
<b>CS ELECTIVE</b> 5XXX Elective	3	FSp
TOTAL CREDITS 15		

SENIOR FALL		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS ELECTIVE</b> 5XXX Elective	4	FSp
<b>CS ELECTIVE</b> 5XXX Elective	3	FSp
<b>TECHNICAL ELECTIVE</b>	3	FSp
<b>CS ELECTIVE</b> ≥3XXX Elective	3	FSp
<b>GENERAL EDUCATION</b> Depth Course (DSS)	3	FSpSu
TOTAL CREDITS 16		

SENIOR SPRING		
COURSE	CR <sup>+</sup>	SEM <sup>+</sup>
<b>CS ELECTIVE</b> 5XXX Elective	3	FSp
<b>CS ELECTIVE</b> 5XXX Elective	3	FSp
<b>TECHNICAL ELECTIVE</b>	3	FSp
<b>GENERAL EDUCATION</b> Breadth Course (BHU)	3	FSpSu
TOTAL CREDITS 12		

TOTAL CREDITS REQUIRED 120

PRE-PROFESSIONAL PROGRAM (PPRU) REQUIREMENTS

- All courses marked with an asterisk (\*) are PPRU courses
- No more than three total repeats for PPRU courses
- Minimum 2.5 GPA for PPRU courses
- Minimum grade of C- for PPRU courses
- Minimum 2.3 USU GPA

PROFESSIONAL PROGRAM (PEP) REQUIREMENTS

- No more than one 5000-level Computer Science course with a grade less than C- on transcript
- Minimum grade of C- on any class fulfilling a CS major requirement, regardless of the subject
- Minimum 2.3 USU GPA
- Meet USU's repeat policy

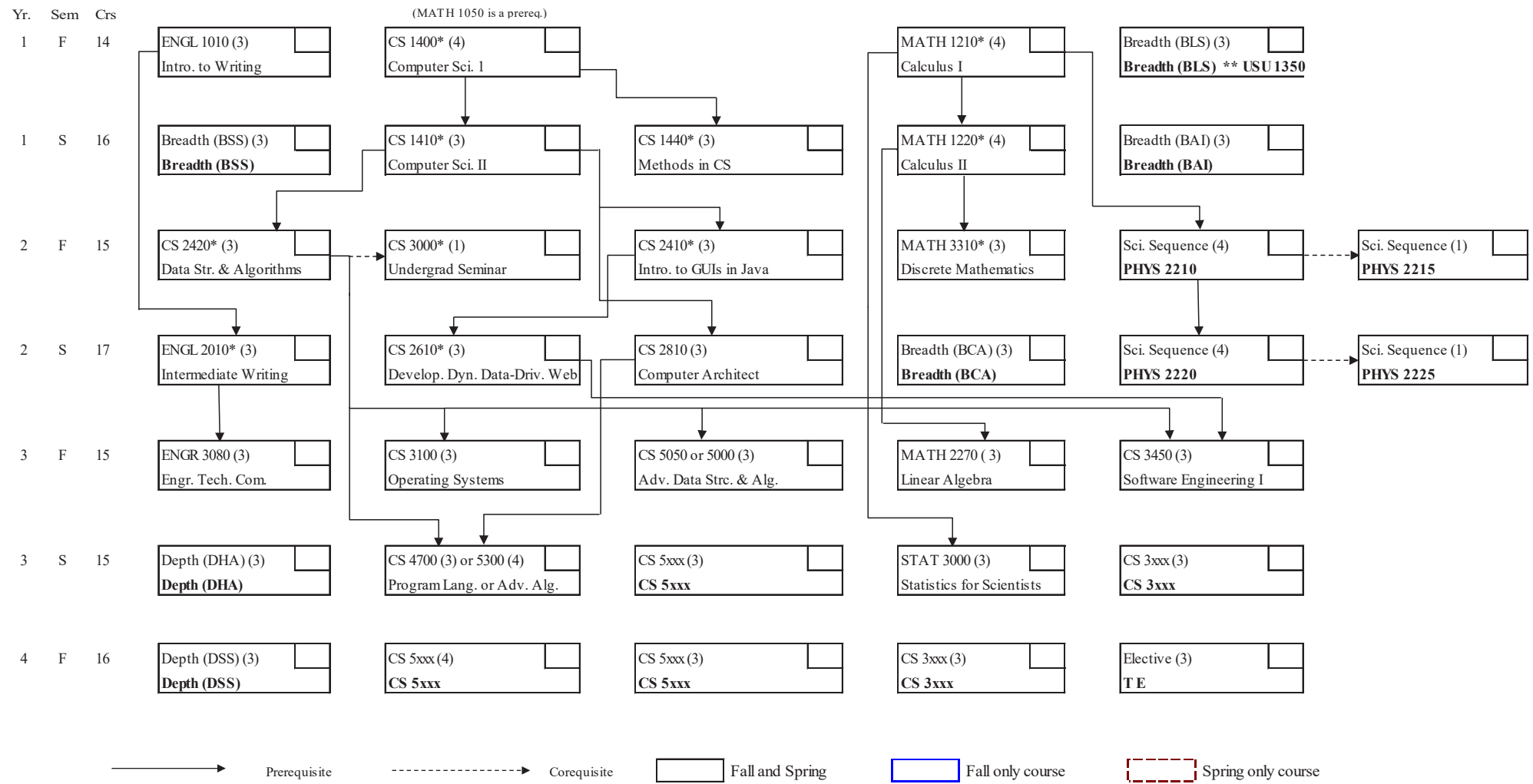
<sup>+</sup>Abbreviations: (CR) Credits • (SEM) Semester • (F) Fall • (Sp) Spring • (Su) Summer



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.

