

# Department of Computer Science Computer Science Program

<http://pdx.edu/computer-science/programs>

## Possible 4 Year Course Plan

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR			
FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	
<b>Non-CS Course Requirements</b>												
CALCULUS MTH 251		MTH 252		MTH 253 OR 261		TECH WRITE WR 227			E MATH ELEC		E MATH ELEC	
APPROVED SCIENCE w/LAB									B SCI ELEC			
LAB	LAB	LAB										
<b>Engineering / Computer Science Requirements</b>												
INTRO PRG/PRB CS 161		INTRO TO CS CS 162	DATA STRUC CS 163	DISC STRUC I CS 250	DISC STRUC II CS 251	PROG METHD CS 302	SOFT ENGR CS 300/314	C CS UD PI ELEC*	C CS UD ELEC	C CS UD ELEC	C CS UD ELEC	
					COMP SYS PROG CS 201	ALGOR COMP CS 350	INTRO OP SYS CS 333	DATA BASE CS 486	PROG LANG CS320/358	SOFT CAP CS 469	SOFT CAP CS 470	
							COMP HRDWR ECE 341		ETHICS CS305	C CS UD ELEC		
<b>General Education Requirements</b>												
			D FREE ELEC	D FREE ELEC	D FREE ELEC							
FRESHMAN INQUIRY**												
UNST 1X1			SOPHOMORE INQUIRY UNST 2XX			UNST 2XX	UNST 2XX	UNST 2XX	UNST UP DIV CLUST	UNST UP DIV CLUST	UNST UP DIV CLUST	D FREE ELEC
14	18	14	16	12	16	16	16	12	16	16	14	

### EXPLANATION

**CREDIT HOURS**

- 1 A - APPROVED LAB SCIENCE
- 2 B - APPROVED SCIENCE ELECTIVE
- 3 C - CS ELECTIVE\*
- 4 D - FREE ELECTIVE
- E - APPROVED MATH ELECTIVE

CS 469 & CS 470 FULFILL UNST CAPSTONE

**\*Programming intensive CS elective**  
**\*\*Transfer students with 30 or more credits must complete WR 121 and COMM 220 instead of FRINQ.**

ADMISSION REQ

CS302+024 PREREQ

Coded 024

2022-2023



Maseeh College of Engineering and Computer Science