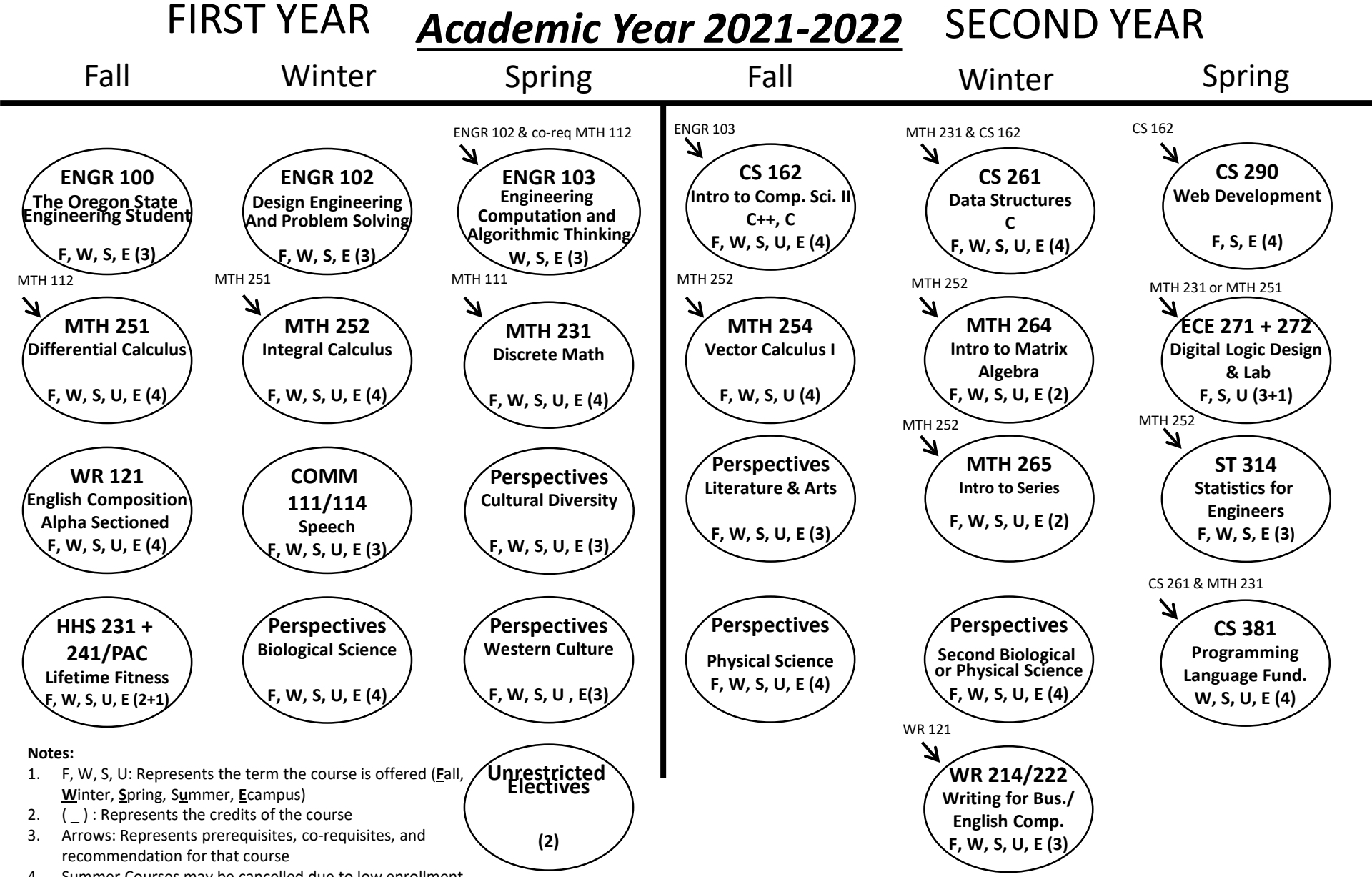
COMPUTER SCIENCE – COMPUTER SYSTEMS OPTION

Academic Year 2021-2022



Notes:

1. F, W, S, U: Represents the term the course is offered (**F**all, **W**inter, **S**pring, S**u**mmer, **E**campus)
2. (_) : Represents the credits of the course
3. Arrows: Represents prerequisites, co-requisites, and recommendation for that course
4. Summer Courses may be cancelled due to low enrollment
5. Students cannot S/U major courses
6. 180 total credits are needed to graduate

Revised 6/21/2021

COMPUTER SCIENCE – COMPUTER SYSTEMS OPTION

THIRD YEAR *Academic Year 2021-2022* FOURTH YEAR

Fall

CS 261 & (ECE 271 or CS 271)
CS 344 Operating Systems I F, W, U, E (4)

Co-req CS 344
CS 370 Intro. to Security F, E (4)

CS 261 & MTH 231
CS 321 Intro. Theory of Computation F, W, U, E (3)

WR 121
WR 327 Technical Writing F, W, S, E (3)

Winter

ECE 271, rec CS 261
ECE 375 Computer Org. & Assembly Language F, W (4)

CS 261 & MTH 231
CS 325 Analysis of Algorithms F, W, S, U, E (4)

CS 261
CS 361 Software Engineering I F, W, U, E (4)

Perspectives Difference, Power & Discrimination F, W, S, U, E (3)

Spring

CS 261 & (ECE 271 or CS 271)
CS 372 Intro. to Computer Networks F, W, S, U, E (4)

CS 290
CS 340 Introduction to Databases F, S, U, E (4)

CS 261
CS 362 Software Engineering II W, S, U, E (4)

Junior standing
CS 391 Social/Ethical Issues (STS Synthesis) F, S, E (3)

Fall

CS 344 & (ECE 375 or CS 271)
CS 444 Operating Systems II F, S, E (4)

CS 361,CS 362, & CS 325
CS 461 Senior Capstone I F (3)

CS Restricted Elective (4)

Approved Elective (3)

Unrestricted Electives (2)

Winter

Synthesis Contemporary Global Issues F, W, S, U, E (3)

CS 461
CS 462 Senior Capstone II W (3)

CS Restricted Elective (4)

Approved Elective (3)

Perspectives Social Processes & Institutions F, W, S, U, E (3)

Spring

ECE 375
CS 472 Computer Architecture F, S (4)

CS 462
CS 463 Senior Capstone III S (2)

CS 344, CS 381,& 321
CS 480 Translators S (4)

CS Restricted Elective (4)

Unrestricted Electives (2)

Must be taken sequentially: F, W, S

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4. Summer Courses may be cancelled due to low enrollment
5. Students cannot S/U major courses
6. 180 total credits are needed to graduate
7. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits
8. Approved Electives can be any coursework except CS or ECE

Updated 6/21/2021