

COMPUTER SCIENCE – **APPLIED** OPTION (Corvallis Campus)

FIRST YEAR

Academic Year 2024-2025

SECOND YEAR

Fall Winter Spring Fall Winter Spring

ENGR 100
The Oregon State
Engineering Student
F, W, S (3)

ENGR 102
Design Engineering
And Problem Solving
F, W, S (3)

ENGR 102, co-req MTH 112Z
↙
ENGR 103
Engineering
Computation and
Algorithmic Thinking
F, W, S (3)

ENGR 103 or CS 161
↙
CS 162
Intro to Comp. Sci. II
C++, C
U, F, W, S (4)

ENGR 103 or CS 161
↙
CS 271
Computer Arch. &
Assembly Lang.
U, W, S (4)

Pick 4 of 5
(CS 352, CS 370,
CS 372, CS 381,
CS 474)
(4)

MTH 112Z
↙
MTH 251
Differential Calculus
U, F, W, S (4)

MTH 251
↙
MTH 252
Integral Calculus
U, F, W, S (4)

MTH 111Z
↙
MTH 231
Discrete Math
U, F, W, S (4)

Perspectives
Physical Science
U, F, W, S (4)

(CS 225 or MTH 231), CS 162
↙
CS 261
Data Structures
C
U, F, W, S (4)

CS 162
↙
CS 290
Web Development
F, S (4)

WR 121Z
English Composition
Alpha Sectioned
F, W, S (4)

COMM
111Z/114
Speech
U, F, W, S (4/3)

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

WR 121Z
↙
WR 214
Writing in Business
F, W, S (3)

Perspectives
Second Biological
or Physical Science
U, F, W, S (4)

WR 121Z
↙
WR 227Z
Technical Writing
F, W, S (4)

HHS 231 +
241/PAC
Lifetime Fitness
U, F, W, S (2+1)

Perspectives
Biological Science
U, F, W, S (4)

Perspectives
Western Culture
U, F, W, S (3)

Perspectives
Literature & Arts
U, F, W, S (3)

Perspectives
Cultural Diversity
U, F, W, S (3)

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

**Unrestricted
Electives**

(3)

Notes:

1. U, F, W, S: Represents the term the course is offered on-campus (Summer, Fall, Winter, Spring).
2. Courses may also be offered through Ecampus.
3. (_): Represents the credits of the course.
4. Arrows: Prerequisites and co-requisites for that course.
5. Summer courses may be canceled due to low enrollment.
6. Students cannot S/U major courses.
7. 180 total credits are needed to graduate.

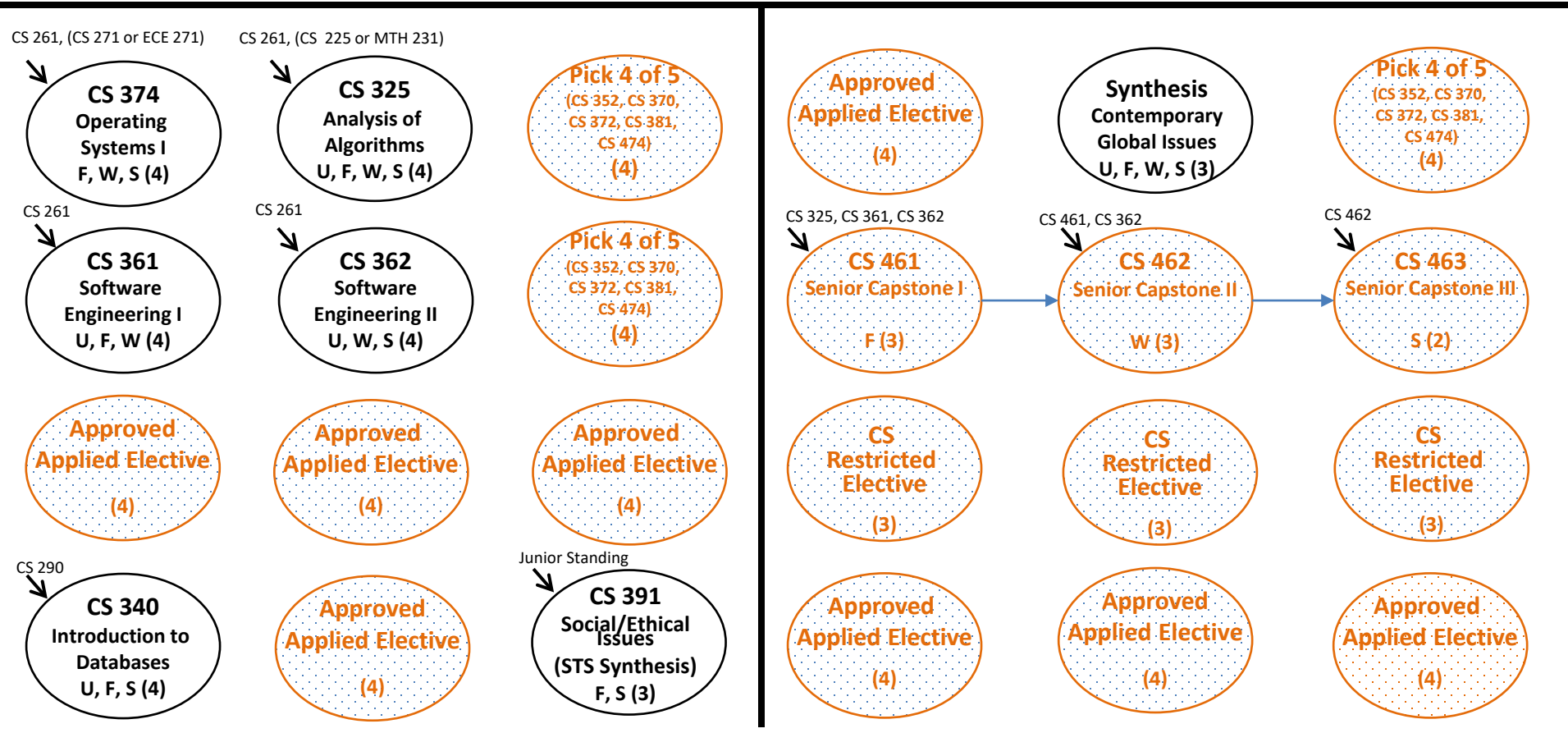
COMPUTER SCIENCE – **APPLIED** OPTION (Corvallis Campus)

THIRD YEAR

Academic Year 2024-2025

FOURTH YEAR

Fall Winter Spring Fall Winter Spring



Notes:

1. U, F, W, S: Represents the term the course is offered on-campus (**S**ummer, **F**all, **W**inter, **S**pring).
1. Courses may also be offered through Ecampus.
2. (_): Represents the credits of the course.
3. Arrows: Prerequisites and co-requisites 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.
7. Approved Applied Plans require a minimum of 32 credits approved by the Department.
8. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits.
9. CS 461, 462, 463 must be completed in the same academic year.