

COMPUTER SCIENCE – APPLIED OPTION (On-Campus)

FIRST YEAR

Academic Year 2021-2022

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 112
↙
ENGR 103
Engineering
Computation and
Algorithmic Thinking
W, S (3)

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

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

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

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

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

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

WR 121
↙
WR 214/222
Writing for Bus./
English Comp.
F, W, S, U (3)

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

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

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

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

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

MTH 252
↙
ST 314
Statistics for
Engineers
F, W, S (3)

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

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

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

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

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

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

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

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

**Unrestricted
Electives**

(3)

**Unrestricted
Electives**

(3)

Notes:

1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, Summer)
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. Majority of courses are also offered through Ecampus

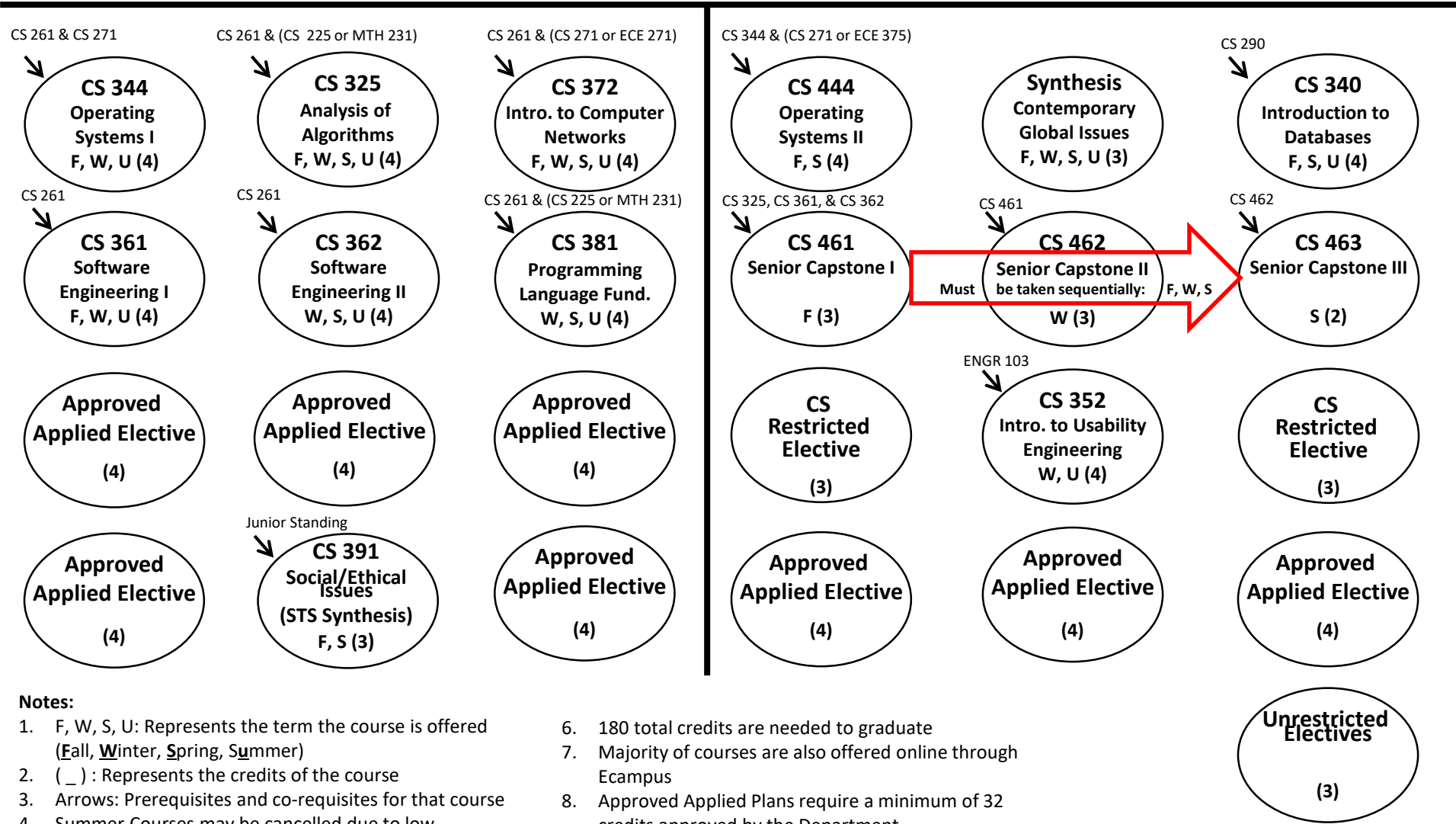
COMPUTER SCIENCE – APPLIED OPTION (On-Campus)

THIRD YEAR

Academic Year 2021-2022

FOURTH YEAR

Fall Winter Spring Fall Winter Spring



- Notes:**
1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, Summer)
 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. Majority of courses are also offered online through Ecampus
 8. Approved Applied Plans require a minimum of 32 credits approved by the Department
 9. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits

Unrestricted Electives
(3)