COMPUTER SCIENCE – APPLIED OPTION (Ecampus)

FIRST YEAR

Academic Year 2021-2022

Fall

ENGR 100
The Oregon State Engineering Student
F (3)

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

WR 121
English Composition
F, W, S, U (3)

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

Winter

ENGR 102
Design Engineering And Problem Solving
W (3)

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

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

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

Spring

ENGR 103
Engineering Computation and Algorithmic Thinking
S (3)

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

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

Unrestricted Electives
(3)

ENGR 103 & co-req MTH 112

CS 162
Intro to Comp. Sci. II
Python
F, W, S, U (4)

WR 214/222
Writing for Bus./English Comp.
F, W, S, U (4)

Perspectives
Statistics for Engineers
F, W, S, U (3)

Second Year

Fall

CS 271
Computer Arch. & Assembly Lang.
F, W, S, U (4)

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

Unrestricted Electives
(3)

CS 162MTH 112 MTH 111 WR 121

MTH 231 & CS 162

CS 261
Data Structures
C
F, W, S, U (4)

CS 290
Web Development
F, W, S, U (4)

Perspectives
Technical Writing
F, W, S, U (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

Updated 6/17/2021
## COMPUTER SCIENCE – APPLIED OPTION (Ecampus)

### THIRD YEAR

<table>
<thead>
<tr>
<th>Academic Year 2021-2022</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
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<tr>
<td>CS 344 Operating Systems I</td>
</tr>
<tr>
<td>F, W, S, U (4)</td>
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<tr>
<td>CS 361 Software Engineering I</td>
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<td>F, W, S, U (4)</td>
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<tr>
<td>Approved Applied Elective</td>
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### FOURTH YEAR

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<tr>
<th><strong>Fall</strong></th>
<th><strong>Winter</strong></th>
<th><strong>Spring</strong></th>
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<tbody>
<tr>
<td>CS 461 Senior Capstone I</td>
<td>CS 462 Senior Capstone II</td>
<td>CS 463 Senior Capstone III</td>
</tr>
<tr>
<td>F (3)</td>
<td>Must be taken sequentially: F, W, S</td>
<td>W (3)</td>
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<tr>
<td>CS 340 Introduction to Databases</td>
<td>CS 346 Senior Capstone I</td>
<td>CS 444 Operating Systems II</td>
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<tr>
<td>F, W, S, U (4)</td>
<td>F, W, S, U (4)</td>
<td>S (4)</td>
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<tr>
<td>Synthesis Contemporary Global Issues</td>
<td>CS 461</td>
<td>CS 462</td>
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<tr>
<td>Approved Applied Elective</td>
<td>CS 463</td>
<td>CS 463</td>
</tr>
<tr>
<td>(4)</td>
<td>CS 462</td>
<td>S (2)</td>
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<tr>
<td>Approved Applied Elective</td>
<td>Approved Applied Elective</td>
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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

Updated 6/17/2021