### B.S. in Computer Science

**Fall** | **Winter** | **Spring** | **Summer**
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**First Year**
MTH 111: College Algebra | 3 | Math 112: Elementary Functions | 4 | 4
WR 121: English Composition | 3 | WR 222: English Composition | 3 | 3
Bacc Core: Physical Science | 4-5 | Bacc Core: Additional Science | 4-5 | 3
Bacc Core: Lifetime Fitness for Health + PAC | 3 | 16-17 | 15-16 | 14
**Total Credits** | **Total Credits** | **Total Credits** | **Total Credits**
16-17 | 16-17 | 15-16 | 14

- □ Join Cascades Tech Club for projects, homework help, and industry speakers.
- □ Join Apprenticeship – starting winter term, 2 hrs/wk, paired programming with a professional developer
- □ Check out resources for student wellness, time management and study skills
- □ Participate in FY campus read and FY experiences
- □ Participate in Cascades Adventures trip(s)
- □ Research tutor resources

**Second Year**
CS 261: Data Structures | 4 | CS 271: Computer Architecture & Assembly Language | 4 | 4
MTH 251: Differential Calculus | 4 | MTH 252: Integral Calculus | 4 | 4
BA 260: Intro. to Entrepreneurship | 4 | Bacc Core: Cultural Diversity | 3-4 | 3-4
Bacc Core: Social Processes & Institution (ECON 201) | 4 | Bacc Core: Western Culture | 3-4 | 3-4

**Total Credits** | **Total Credits** | **Total Credits** | **Total Credits**
16 | 14-16 | 14-16 | 14-15

- □ Check out Career Development Center resources for assistance with resume development and apprenticeships
- □ Continue Cascades Tech Club and apprenticeships
- □ Research study abroad opportunities and integrate into academic plan
- □ Think about adding a minor or Sustainability double degree
### Third Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 352</td>
<td>Intro. to Usability Engineering</td>
<td>4</td>
<td>CS 344</td>
<td>Operating Systems I</td>
<td>4</td>
<td>CS 444</td>
<td>Operating Systems II</td>
<td>4</td>
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<tr>
<td>CS 325</td>
<td>Analysis of Algorithms</td>
<td>4</td>
<td>CS 361</td>
<td>Software Engineering I</td>
<td>4</td>
<td>CS 362</td>
<td>Software Engineering II</td>
<td>4</td>
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<tr>
<td>CS 372</td>
<td>Intro. to Comp. Networks</td>
<td>4</td>
<td>CS 340</td>
<td>Intro. to Databases</td>
<td>4</td>
<td>CS 381</td>
<td>Programming Language Fundamentals</td>
<td>4</td>
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<tr>
<td>Bacc Core</td>
<td>Difference, Power, &amp; Discrimination</td>
<td>3-4</td>
<td>MGMT 364</td>
<td>Project Management</td>
<td>4</td>
<td>BA 315</td>
<td>Accounting for Decision Making</td>
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</tbody>
</table>

**Total Credits**: 15-16

### Co-Curricular and Academic Opportunities

- □ Continue to work with Career Development Center for internship application development
- □ Work with faculty on internship placement and planning (part-time work w/ local business)
- □ Connect with faculty about community outreach – high school volunteer in teaching, leading workshops, judging competitions
- □ Connect with Faculty about undergraduate research and projects

### Fourth Year

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<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS 461</td>
<td>Senior Software Engineering Project (WIC)</td>
<td>3</td>
<td>CS 462</td>
<td>Senior Software Engineering Project (WIC)</td>
<td>3</td>
<td>CS 463</td>
<td>Senior Software Engineering Project</td>
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<tr>
<td>CS 466</td>
<td>Web-based Start-up Project</td>
<td>4</td>
<td>CS 478</td>
<td>Network Security</td>
<td>4</td>
<td>Upper Division Restricted Elective</td>
<td>4</td>
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<tr>
<td>CS 492</td>
<td>Mobile Software Development</td>
<td>4</td>
<td>CS 479</td>
<td>Synthesis: Contemporary Global Issues</td>
<td>4</td>
<td>Upper Division Restricted Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Bacc Core</td>
<td>Biological Science</td>
<td>4-5</td>
<td></td>
<td></td>
<td></td>
<td>CS 391</td>
<td>Social &amp; Ethical Issues in CS</td>
<td>4</td>
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<td>BA 360</td>
<td>Intro. to Financial Management</td>
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</tbody>
</table>

**Total Credits**: 15-16

### Co-Curricular and Academic Opportunities

- □ Begin post grad job search, continue connecting with Career Development Center
- □ Connect with faculty about starting a business and Innovation Center for Entrepreneurship
- □ Plan for Commencement Ceremony and celebrations in June!

**Total Credits**: 14-15

**Total Credits**: 13

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*This is a sample schedule intended for informational purposes only. Students should consult with their OSU academic advisor to create a personalized degree plan.*