Students interested in completing a Bachelor of Science Degree in Computer Science at an Oregon University can complete their freshman and sophomore level coursework at PCC and then transfer to one of the following Oregon Universities to complete their junior and senior level coursework:

**Oregon State University**
www.pcc.edu/programs/university-transfer/transfer-guides/osucomputersci.html

**Oregon Technology**
www.oit.edu/wilsonville/academics/degrees/software-engineering-technology

**Portland State University**
www.pcc.edu/programs/university-transfer/transfer-guides/computer-science-psu.html

**University of Oregon**
www.pcc.edu/programs/university-transfer/transfer-guides/computersci-UO.html

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**What job or career is Computer Science preparing students for?**

The Bachelor of Science degree in Computer Science or Software Engineering teaches students to develop large software applications for a career in Software Development, Software Engineering, Application Development and/or Game Development.

**Is this major right for me?**

**Do you like math?**

Computer Science requires three terms of calculus, three terms of calculus-based physics* and two terms of discrete math. There is more math required after transferring.

*PSU allows three terms of Biology (BI 211, 212 and 213) or Chemistry (CH 221, 222 and 223) or three terms of calculus-based physics (PHY 211, 212 and 213); all other Oregon Universities require the three terms of calculus-based physics.

**Do you like computer programming?**

This degree is preparing students to work as a **software developer** or **software engineer**.

This degree does NOT prepare students to work in IT Tech Support, Database Development or Website Development. Students interested in IT jobs would pursue an AAS degree in Computer Information Systems. Students interested in web design work would pursue an AAS degree in Website Development and Design.

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**Academic Advisor:** Michele Maxwell
email: michele.maxwell@pcc.edu, Phone: 971 722-4096; Location: Sylvania Campus, TCB 312
What would my first term classes be?

That depends on your reading, writing and math placement test results and/or your completion of WR and MTH classes at PCC or another college or university:

<table>
<thead>
<tr>
<th>If you score into WR 121 and MTH 95 or higher</th>
<th>If you score into WR 121 and MTH 60 or MTH 65</th>
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<tbody>
<tr>
<td>WR 121 – English Composition (4 cr)</td>
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<tr>
<td>MTH 95 or higher (4-5 cr)</td>
<td>MTH 60 or MTH 65 (4 cr)</td>
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<tr>
<td>CS 160 – exploring computer science (4 cr)</td>
<td>PSY 201A or other Gen Educ (4 cr)</td>
</tr>
<tr>
<td>CS 140U – Introduction to UNIX (4 cr)</td>
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PSU does not require CS 160 (exploring computer science) and CS 140U (introduction to UNIX). Can I skip them and go directly into CS 161 (computer science I)?

While PSU does not require CS 160 and CS 140U, they do require that students possess the knowledge taught in those classes. The other Oregon Universities require both CS 160 and CS 140U. In addition, our CS 162 (computer science II) requires completion of CS 161 and CS 140U with grades of C or better.

If you want a prerequisite override for CS 162 to avoid taking CS 140U — or a prerequisite override for any other CS class — you must email the CS instructor for the class you’re interested in and request the override; please use your pcc email address and include your full name and G number in your email.

I completed a college-level English Composition and Math class and/or a degree at a regionally accredited college or university within the United States.

Please bring a copy of your college transcripts and your PCC student ID number (“G number”) to a general advisor at any PCC campus and ask for a placement test override.

Please note: if your last math class was completed more than three years ago, the math department strongly encourages you to take the math placement test to determine your first math class.

Example One: A student completed a bachelor’s degree and their last math class was MTH 111 (college algebra), taken five years ago. They would first take the math placement test, and then bring their college transcripts to an academic advisor. Their first term classes would be CS 140U, CS 160 and whatever math class they placed into, even if it is lower than MTH 111.

Example Two: A student completed WR 121, some classes in PSY and HST, and their last math class was MTH 251 (calculus I), taken two years ago. They would bring their college transcripts to an academic advisor and their first term classes would be CS 140U, CS 160 and MTH 252.