Computer science is the study of algorithms and problem solving. These problems apply to every scientific, engineering, and mathematical field, making computer scientists relevant in every professional field today. A computer science degree at Oregon State can give you the skills to program a custom low-level sensor board all the way up to coordinating cloud datacenters full of servers.

Applied Plan Areas of Interest:
- Bioinformatics
- Simulation & Game Programming
- Human Computer Interaction
- Security
- Artificial Intelligence
- Data Science
- Web and Mobile Application Development

Bachelor of Science Degree (BS) in the College of Engineering

- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 124 credits earned at a community college may be applied toward a bachelor’s degree at OSU.
- Some courses can count towards your major and the Baccalaureate Core. Advisors can assist in selection.
- OSU Catalog has a list of courses required for your major and option: catalog.oregonstate.edu

Courses for this Major offered at Linn-Benton Community College

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<th>Requirement</th>
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<th>OSU Course</th>
<th>Notes</th>
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<tr>
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<td>Computer Programming I</td>
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<td>Computer Architecture &amp; Assembly Language</td>
<td>CS 271</td>
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<td>Web Development</td>
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<td>Differential Calculus</td>
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<td>Integral Calculus</td>
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<td>Discrete Math</td>
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<tr>
<td>Additional Writing</td>
<td>WR 214 or WR 122</td>
<td>WR 214 or WR 222</td>
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<tr>
<td>Statistics for Engineers</td>
<td>MTH 265</td>
<td>ST 314</td>
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</tbody>
</table>
Important Notes & Resources

Important Notes for the College and Major:
• Grade of C or better are required in all major specific courses.
• CS majors can participate in two six-month paid internships with MECOP https://www.mecopinc.org/
• Other similar majors to explore: Electrical and Computer Engineering
• Minor information: https://ecampus.oregonstate.edu/online-degrees/undergraduate/minors/computer-science/

Resources and OSU Information:
• Students do not have to complete a transfer degree in order to transfer to OSU.
  o If you have completed the Oregon AAOT, all requirements of the Baccalaureate Core are complete except for Synthesis Courses and Writing Intensive Courses.
• Preparing to apply to OSU? See admissions info: oregonstate.edu/admissions/transfer.html
• Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: partnerships.oregonstate.edu/students
• Visit OSU for a campus tour and meet with an advisor; schedule your visit at visitosu.oregonstate.edu/visit-campus

General Education Courses (called Baccalaureate Courses)
• Complete one course in each Perspectives category with no more than two in the same department.
• For full listing of courses that fulfill Baccalaureate Core, please refer to admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-linn-benton-community-college

| SKILL COURSES | Math  
|               | Writing I  
|               | Writing II  
|               | Speech (Writing III)  
|               | Fitness  |
| PERSPECTIVE COURSES | Biological Science  
|                    | Physical Science  
|                    | Additional Biological or Physical Science  
|                    | Cultural Diversity  
|                    | Literature and the Arts  
|                    | Social Processes and Institutions  
|                    | Western Culture  |
| DPD COURSES | Difference, Power, and Discrimination |
| SYNTHESIS COURSES | Contemporary Global Issues  
|                    | Science, Technology, and Society  |

Completed as part of major.  
WR 121. Required to transfer.  
WR 227  
COMM 111 or COMM 112  
HE 295

Completed as part of major.  
Completed as part of major.  
Completed as part of major.  
Many options, see BaccCore link above.  
Many options, see BaccCore link above.  
Many options, see BaccCore link above.

Many options, see BaccCore link above.

Upper division course, take through OSU.  
Upper division course, take through OSU.

Advising Contacts
Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. See your community college advisor first and use this Transfer Guide to help you plan. Also, consider visiting OSU to take a campus tour and meet with an advisor. See visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

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eecsundergrad.info@engr.oregonstate.edu

OSU College of Engineering Main Office  
askengineering@oregonstate.edu