

Associate of Science/Oregon Transfer Degree in Computer Science

Requirements	Amount	Chemeketa courses which satisfy requirements
Complete a minimum of 90 credit hours. Computer science-specific courses must be completed with a grade of C or better; all other courses must be completed with a grade of "C-" or better. These must include the following:		
<ul style="list-style-type: none"> Foundational Requirements 		
Health/Wellness/Fitness <i>One or more courses totaling three credits</i>	3 credits	Any PE185 courses (one credit each), or any HE or HPE course (three credits each)
Mathematics <i>Most universities will expect additional math courses. Consult with an advisor to confirm you are taking the appropriate math courses.</i>	2 courses	MTH251 and MTH252
Oral Communication <i>One course in the fundamentals of speech or communication</i>	1 course	COMM100** , 105**, 111, 112, 115**, 130, 212, 218, 219**, 227**, 237**, 260**, 285
Writing <i>A minimum of eight credits of college-transfer writing courses</i>	8 credits	WR121* and either WR122* or WR227*
<ul style="list-style-type: none"> Discipline Studies Courses used to meet these requirements must be at least three credits each 		
Arts and Letters <i>Three courses chosen from two or more disciplines. (All foreign languages are considered one discipline. ASL is considered a foreign language.) The course used to meet the Oral Communication requirement above may not be used to fulfill this requirement.</i>	3 courses	ART101** , 115, 116, 117, 120, 131, 154, 155, 201, 204, 205, 206, 207**, 221, 222, 223, 224, 225, 234, 237, 238, 239, 240, 247, 261, 265, 266, 270, 276, 281**, 284, 289**, 291; ASL211 , 212, 213; COMM100** , 105**, 111, 112, 115**, 130, 212, 218, 219**, 227**, 237**, 260**, 285; ENG100 , 104, 105, 106, 107**, 108**, 109**, 201, 202, 204**, 205**, 206**, 216, 220**, 221, 232, 250, 253**, 254**, 256**, 257**, 258**, 260, 261, 269**, 275; FA255 , 256, 257; FR201 , 202, 203; HUM106 , 120**, 220**, 225**; JNL , 224, 225, , 227, 228; JPN120 , 201, 202, 203; MUS111 , 112, 113, 161, 201, 202, 203; PHL201 , 203, 205**, 206**; REL160** , 201, 202, 203**; RUS201 , 202, 203; SPN201 , 202, 203, 214, 215, 216, 250, 251; WR240 , 241, 242, 243, 244, 245, 250, 262, 263
Science/Math/Computer Science <i>Four courses from at least two disciplines including at least three laboratory courses in biological and/or physical science. (One of the required computer science courses from below may be used to satisfy the fourth course from in this group; however, credits from a course used to satisfy both requirements will only count once toward the required total credits for this degree.)</i>	4 courses	Choose three courses from: BI101 , 102, 103, 131, 132, 133, 143, 153, 211, 212, 213, 230, 231, 232, 233, 234; CH104 , 105, 106, 110, 114, 115, 116, 117, 121, 122, 123, 201, 202, 221, 222, 223; GEO142 , 143, 144, 201, 202, 203; GS104 , 105, 106, 107, 141, 142, 143; PH201 , 202, 203, 207, 208, 209, 211, 212, 213 Choose one course from: CIS233J , 234J; CS160 , 161, 162, 233U, 260, 271; MTH 105 , 111, 112, 211, 212, 213, 231, 232, 241, 243, 244, 253, 254, 255, 256
Social Sciences <i>Four courses chosen from at least two disciplines</i>	4 courses	ATH101** , 102**, 103**, 212, 214, 215, 231; CLA201 , 202, 203; EC200 , 201, 202; GEG105 , 106**, 107**, 140, 190, 201, 202, 206, 207, 220; HST104 , 105, 106, 157, 158, 201**, 202**, 203**, 228, 237, 257**, 258, 262**, 269**, 270, 279; PS201 , 202, 203, 205; PSY101 , 201, 202**, 213, 218**, 234**, 237, 239, 280**; SOC204** , 205**, 206**, 210**, 213**, 221, 223**, 224**, 232**; WS101** , 102**
<ul style="list-style-type: none"> Computer Science Requirements Each course in this section must be completed with a grade of C or better 		
<i>Most universities will expect additional computer science courses. Consult with an advisor to confirm you are taking the appropriate courses.</i>	4 courses	CS160 , CS161 , CS162 , and CS260
<ul style="list-style-type: none"> Electives and/or University-Specific Prerequisites <i>Electives should be taken to meet the requirements of the transfer institution. Contact computer science faculty or Advising and Counseling staff for university-specific details.</i> 	As required to bring total credits to 90	Depends on choice of transfer institution. You are strongly encouraged to work with an advisor when choosing courses. A maximum of 12 credit hours in Career and Technical Education courses numbered 050 or higher may be Included with the exception of the following: BT104 , 105; MTH052 through 095; RD080 , 085, 090; SSP050A , B, C; SSP051 ; WR080 , 088,

	089, 080, 090, 091
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Notes:

1. For transfer students graduating from high school in 1997 and thereafter, the Oregon University System has a second language admission requirement: two terms of a college-level second language with an average grade of "C-" or above, OR two years of the same high school-level second language with an average grade of "C-" or above, OR satisfactory performance on an approved second language assessment of proficiency. American Sign Language meets this second language admission requirement.
 2. Any student having the ASOT-Computer Science degree recognized on an official college transcript will have met the lower division General Education requirements of baccalaureate degree programs at any institution in the Oregon University System.
 3. Students transferring under this agreement will have junior status for registration purposes. Course, class standing, or GPA requirements for specific majors, departments, or schools are not necessarily satisfied by an ASOT-Computer Science degree.
 4. Electives should be taken to meet the requirements of your transfer institution. See your advisor for assistance.
 5. Complete a minimum of 24 credits at Chemeketa.
- * These courses fulfill the Information Literacy requirement of the ASOT-Computer Science. A minimum of one course fulfills this requirement.
- ** These courses fulfill the Cultural Literacy requirement of the ASOT-Computer Science. A minimum of one course fulfills this requirement.

AS/OT-CS Advising Guide

Note: Below are program specific, lower division requirements and program notes. These are not AS/OT-CS graduation requirements; these are additional courses that individual four-years schools will expect you to have taken. Numbers shown are Chemeketa course numbers unless otherwise noted. Note that this guide is current as of 6/15/17, but universities may change their requirements at any time – make sure to research the current requirements of your transfer target.

Current version may be found at: <http://faculty.chemeketa.edu/ascholer/CSAdvising/ASOTCS.pdf>

Additional Lower Division Requirements	Program Notes
Eastern Oregon University - BS Computer Science	
MTH231 recommended	
Oregon State University - BS Computer Science	
<p><i>All CS applicants:</i></p> <ul style="list-style-type: none"> If you take WR227 instead of WR122 you will also need to take WR214 (The WR227 will transfer in as WR327) You should take COMM111 as your communications class CIS295 - Satisfies required CS290 at OSU MTH231 and 232 (to satisfy 231 at OSU) <p><i>Applied CS Option extra requirements:</i></p> <ul style="list-style-type: none"> CS271 <p><i>Systems Option extra requirements:</i></p> <ul style="list-style-type: none"> MTH254 and 253 (Satisfies 306 at OSU) PH211 & Lab (required), 212 and 213 with labs (encouraged) ECE271/2 - Offered at OSU and Linn-Benton CC 	<p>Listed courses are REQUIRED for program admission. To become a CS major at OSU you must be admitted to ProSchool in addition to being admitted to the university. ProSchool admissions is GPA based (cutoff changes annually) and requires that you have completed all of the core degree requirements.</p>
Oregon Tech - BS Software Engineering Technology	
<p><i>Required:</i></p> <ul style="list-style-type: none"> Take COMM111 as your communications class <p><i>Recommended:</i></p> <ul style="list-style-type: none"> CIS140U can satisfy CST240 CS271 transfers in as CST250, but ONLY at the Wilsonville campus for Software Engineering majors (not Embedded) Both WR122 and WR227 MTH254 PH211, 212 and 213 with labs PSY201 	<p>Oregon Tech bound students are highly recommended to look into dual enrolling at the Wilsonville campus. Oregon Tech's degree program is designed with many of the technical courses in the first two years and many of the general education courses in the last two years. If transferring in with the AS/OT-CS you will have many of the general education courses done but will have to take technical classes usually done in the first two years. If you dual enroll, you can complete some of these technical classes on schedule and worry about completing your gen-ed in years three & four.</p>
Portland State University - BS Computer Science	
<p><i>Required:</i></p> <ul style="list-style-type: none"> Take COMM111 as your communications class CS201 - can be satisfied by CS271 at Chemeketa if you have also taken the entire CS sequence (160/161/162/260) here. Otherwise take through PCC/PSU. CS202 - must be taken through PCC/PSU. MTH231 and 232 (CS250, 251 at PSU) required Science courses must consist of an approved sequence of lab science courses. Choices are: PH211/212/213, CH221/222/223, or BI211/212/253 (PSU BI251/252/253), each with appropriate labs. <p><i>Recommended:</i></p> <ul style="list-style-type: none"> MTH253 CIS140U (To become familiar with Linux) WR227 	<p>To become a CS major at PSU you must be admitted to the CS program in addition to being admitted to the university. Admission to the program requires completion of core lower division courses; a 2.0 all-attempts GPA in CS classes; passing an in person programming proficiency exam.</p> <p>The programming proficiency exam is taken on a machine using the Linux command line. You need to be able to edit, build and run programs from the command line.</p>
Southern Oregon University - BS Computer Science	
	Must have grade of B or higher in CS161/CS162 (SOU CS256/CS257)

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University of Oregon - BS Computer Information Science	
<p><i>Required:</i></p> <ul style="list-style-type: none"> • MTH231 and 232 • Science courses must consist of an approved sequence of three related science courses. Choices include: PH201/202/203, PH 211/212/213, CH 221/222/223, BI 211/212/213, or GEO201/202/203 <p><i>Recommended:</i></p> <ul style="list-style-type: none"> • MTH253 recommended • Recommend taking all three writing classes 	<p>Highly recommended to have experience in Java as well as C++. CIS133J, 233J or 234J recommended.</p> <p>CS courses generally require a B or higher to go on.</p>
Western Oregon University	BS Computer Science
<p>You can take either Math 231/232 or 112/251/252. The standard path at WOU is Math 231/232, but they will accept 251/252 as a replacement for it. Taking both sequences will set you up to get a Math minor.</p> <p><i>Required:</i></p> <ul style="list-style-type: none"> • Take COMM111 as your communications class <p><i>Recommended:</i></p> <ul style="list-style-type: none"> • CS271 - required for WOU degree 	<p>WOU students need to complete a minor. (Popular minors for CS students include math and business.) You may be able to complete courses towards your minor as part of your coursework at Chemeketa.</p> <p>If you chose to take Math 231/232 (and not 251/252), you will not be able to earn the ASOT-CS degree. You can still earn the AAOT degree, but need to make sure to take all the CS classes as if you were doing the ASOT-CS degree.</p>