

# Associate of Science/Oregon Transfer Degree in Computer Science (ASOT-CS)

Requirements	Credits/ Courses	Courses which satisfy requirements
<p>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. One course with an (IL) Information Literacy and a (CL) Cultural Literacy indicator must be completed. These must include the following:</p>		
<b>Foundational Requirements</b>		
<b>Writing</b> (Minimum of 8 credits)	8 credits minimum	WR121(IL) and either 122(IL) or 227(IL).
<b>Math</b> (Most universities will expect additional math courses. Consult with an advisor to confirm you are taking the appropriate math courses.)	2 courses minimum	MTH251 and 252
<b>Oral Communication</b> (Minimum of 1 course. COMM111 recommended by most schools. Consult with an advisor to confirm that you are taking the appropriate course.)	1 course minimum	COMM100(CL), 105(CL), 111, 112, 115(CL), 130, 212, 218, 219(CL), 227(CL), 237(CL), 260(CL), 285.
<b>Physical Education or Health</b> (1 or more courses totaling at least 3 credits)	3 credits minimum	Any PE185 course (1 credit each); any HE or HPE course (3 credits each).
<b>Discipline Studies</b>		
<b>Arts and Letters</b> (3 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.)	3 courses minimum	ART101(CL), 115, 116, 117, 120, 121, 131, 201, 204, 205, 206, 207(CL), 221, 222, 223, 224, 225, 234, 237, 238, 240, 247, 258, 261, 265, 270, 276, 281, 291. ASL211, 212, 213. COMM100(CL), 105(CL), 111, 112, 115(CL), 130, 212, 218, 219(CL), 227(CL), 237(CL), 260(CL), 285. ENG100, 104, 105, 106, 107(CL), 108(CL), 109(CL), 201, 202, 204(CL), 205(CL), 206(CL), 216, 220(CL), 250, 253(CL), 254(CL), 260, 261, 269(CL). FA255, 256, 257. FR201, 202, 203. HUM106, 120(CL), 220(CL), 225(CL). JNL224, 225, 227, 228. JPN120, 201, 202, 203. LING210. MUS111, 112, 113, 161. PHL201, 203, 204, 205(CL), 206(CL). REL160(CL), 201, 202, 203(CL). RUS201, 202, 203. SPN201, 202, 203, 214, 215, 216, 250, 251. TA110(CL), 141, 142, 242. WR240, 241, 242, 243, 244, 250, 262.
<b>Social Sciences</b> (4 courses chosen from two or more disciplines.)	4 courses minimum	ATH101(CL), 102(CL), 103(CL). CLA201, 202, 203. EC200, 201, 202. ED200, 229 GEG105, 106(CL), 107(CL), 140, 190, 201, 202, 206, 207, 220. HST104, 105, 106, 157, 201(CL), 202(CL), 203(CL), 228, 237, 257(CL), 258(CL), 262(CL), 269(CL). PS201, 202, 203, 205, 250. PSY101, 201, 202(CL), 213, 218(CL), 234(CL), 237, 239, 280(CL). SOC204(CL), 205(CL), 206(CL), 210(CL), 213(CL), 221, 223(CL), 224(CL), 232(CL). WS101(CL), 102(CL).
<b>Sciences/Math/Computer Science</b> (4 courses chosen from two or more disciplines, including at least 3 laboratory courses in biological or physical science.)	4 courses minimum	<b>Choose three courses from:</b> 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.  <b>Choose a fourth course from the list above or below:</b> CIS233J, 234J. CS160, 161, 162, 233U, 260, 271. MTH105 or above.

<b>Computer Science-Specific Requirements</b> (Most universities will expect additional computer science courses. Consult with an advisor to confirm you are taking the appropriate courses.)	4 courses minimum	<b>CS160, 161, 162, 260, 290</b>
<b>Electives and/or University-Specific Prerequisites</b> (Complete additional courses to bring the total number of credits to 90. A maximum of 12 credit hours in career and technical education courses may be included with the exception of the following: <b>BT104, 105</b> . Courses must be 100 level or higher.)		Depends on choice of transfer institution. See an advisor.
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. Earn a cumulative grade point average (GPA) of 2.00 or above.</li> <li>2. Complete a minimum of 24 credits at Chemeketa.</li> <li>3. Two terms of the same college-level foreign language, with a grade of "C-" or better, are required for admission to Oregon University System schools. This requirement applies only to students graduating from high school in 1997 or later. This requirement may also be met by completing two years of the same foreign language at the high school level. This is not a requirement for earning the Associate of Arts degree.</li> <li>4. Any student having the ASOT-Computer Science degree recognized on an official college transcript will have meet the lower division General Education requirements of baccalaureate degree programs at any institution in the Oregon University System.</li> <li>5. 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.</li> <li>6. GPA admission requirements for the OUS schools are not necessarily satisfied with an ASOT-Computer Science degree. Please contact your school of choice for specific requirements.</li> <li>7. To learn more about general education courses and their outcomes, see page xx.</li> <li>8. Courses with the (IL) indicator fulfill the Information Literacy requirement for the ASOT-Computer Science. A minimum of 1 course fulfills this requirement.</li> <li>9. Course with the (CL) indicator fulfill the Cultural Literacy requirement for the ASOT-Computer Science. A minimum of 1 course fulfills this requirement.</li> <li>10. Electives should be taken to meet the requirements of your transfer institution. See your advisor for assistance</li> </ol>		

# 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 the date marked on the bottom of the page, 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
<b>Eastern Oregon University - BS Computer Science</b>	
MTH231 recommended	
<b>Oregon State University - BS Computer Science</b>	
<p><i>All CS applicants:</i></p> <ul style="list-style-type: none"> <li>• If you take WR227 instead of WR122 you will also need to take WR214 (The WR227 will transfer in as WR327)</li> <li>• You should take COMM111 as your communications class</li> <li>• CS290</li> <li>• MTH231</li> <li>• ENGR211 may be taken to satisfy ST314 at OSU which is required</li> </ul> <p><i>Applied CS Option extra requirements:</i></p> <ul style="list-style-type: none"> <li>• CS271</li> </ul> <p><i>Systems Option extra requirements:</i></p> <ul style="list-style-type: none"> <li>• MTH254 and 253 (253 satisfies 306 at OSU)</li> <li>• PH211 &amp; Lab (required), 212 and 213 with labs (encouraged)</li> <li>• ECE271/2 - Offered at OSU and Linn-Benton CC</li> </ul>	
<b>Oregon Tech - BS Software Engineering Technology</b>	
<p><i>Required:</i></p> <ul style="list-style-type: none"> <li>• Take COMM111 as your communications class</li> </ul> <p><i>Recommended:</i></p> <ul style="list-style-type: none"> <li>• CIS140U can satisfy CST240</li> <li>• CS271 transfers in as CST250, but ONLY at the Wilsonville campus for Software Engineering majors (not Embedded)</li> <li>• Both WR122 and WR227</li> <li>• MTH254</li> <li>• PH211, 212 and 213 with labs</li> <li>• PSY201</li> </ul>	<p><b>Oregon Tech bound students are highly recommended to look into dual enrolling at the Wilsonville campus.</b> There are courses only offered at Oregon Tech that you need to get done in sophomore year in order to start your Jr. year CS courses. If you transfer off without those, you will need three more years to complete your degree.</p>
<b>Portland State University - BS Computer Science</b>	
<p><i>Required:</i></p> <ul style="list-style-type: none"> <li>• Take COMM111 as your communications class</li> <li>• 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.</li> <li>• CS202 - must be taken through PCC/PSU.</li> <li>• MTH231 and 232 (CS250, 251 at PSU) required</li> <li>• Science courses must consist of an approved sequence of lab science courses. Choices are: PH211/212/213, CH221/222/223, or BI211/212/253, each with appropriate labs.</li> </ul> <p><i>Recommended:</i></p> <ul style="list-style-type: none"> <li>• MTH253</li> <li>• CIS140U (To become familiar with Linux)</li> <li>• WR227</li> </ul>	<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>

<b>Southern Oregon University - BS Computer Science</b>	
	Must have grade of B or higher in CS161/CS162 (SOU CS256/CS257)
<b>University of Oregon - BS Computer Information Science</b>	
<p><i>Required:</i></p> <ul style="list-style-type: none"> <li>• MTH231 and 232</li> <li>• 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 and CH211, or GEO201/202/203</li> </ul> <p><i>Recommended:</i></p> <ul style="list-style-type: none"> <li>• MTH253 recommended</li> <li>• Recommend taking all three writing classes</li> <li>• CIS233J or 234J</li> </ul>	<p>University of Oregon expects you to know Java. Becoming familiar with that language is a good idea - CIS233J or 234J would be good ways to get ready after doing CS161/162.</p> <p>CS courses generally require a B or higher to receive credit while transferring.</p> <p>There are other science options for the CIS major at UofO, but they involve classes not offered at Chemeketa.</p>
<b>Western Oregon University</b>	
<p><i>Required:</i></p> <ul style="list-style-type: none"> <li>• Take COMM111 as your communications class</li> </ul> <p><i>Recommended:</i></p> <ul style="list-style-type: none"> <li>• CS271 - required for WOU degree</li> </ul>	<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 112/251/252 as a replacement for it. Taking both sequences will set you up to get a Math minor.</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>