

COMPUTER SCIENCE, ASSOCIATE OF SCIENCE OREGON TRANSFER

Students having the Associate of Science Oregon Transfer Computer Science (ASOT-CS) degree recognized on an official college transcript will have met the lower division general education requirements of bachelor's degree programs of any Oregon public university.

Students transferring under this agreement will have junior status for registration purposes. Courses, class standing or GPA requirements for specific majors, departments or schools are not necessarily satisfied by an ASOT-CS degree.

Graduation Requirements

Students must complete a minimum of 90 credit hours with a cumulative Grade Point Average (GPA) of 2.0. All courses must be completed with a grade of 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the ASOT Computer Science degree is awarded.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).

Courses (except for elective credits) must be selected from the list of approved courses for the ASOT-CS degree. Each student is encouraged to work with an advisor and/or the University Center (<https://www.socc.edu/uc>) in the selection of courses within the ASOT-CS degree for alignment to the transferring institution.

Courses that are developmental in nature (designed to prepare students for college transfer courses) are not applicable to this degree.

University - Specific Prerequisites and Recommendations

For specific university transfer requirements see the University Center (<https://www.socc.edu/uc>).

Foundational Requirements

All courses must be completed with a grade of 'C' or better.

Writing

Take three (3) courses:

Code	Title	Credits
WR121	English Composition	3
or WR121H	English Composition w/Honors	
WR122	English Composition	3
or WR122H	English Composition w/Honors	
WR227	Report Writing	3

Note: Information Literacy is included through embedding the appropriate content and analytical activity in courses that count toward the writing Foundational Requirement.

Mathematics

Code	Title	Credits
MTH251	Calculus I Differential Calculus	4
or MTH251H	Calculus I w/Honors	
MTH252	Calculus II Integral Calculus	4
or MTH252H	Calculus II w/Honors	

Communication

Select a **minimum of three (3) credits** of a fundamentals of speech or communication course.

Code	Title	Credits
SP111	Fundamentals of Public Speaking	3
SP218	Interpersonal Communication	3
SP219	Small Group Discussion	3

Health, Wellness, and Fitness

Three (3) credits of PE185 sport/activity courses, HE250 Personal Health or PE231 Wellness for Life.

Discipline Studies Requirements

Arts and Letters

Three (3) courses chosen from two (2) or more disciplines:

Only second year foreign language courses fulfill the Arts and Letters category.

Code	Title	Credits
ART115	Basic Design I, Intro to Elements Elements Of Art & Prin Of Design	4
ART116	Basic Design II, Color Theory	4
ART117	Basic Design III, Intro to 3D Design	4
ART131	Introduction to Drawing I	3
ART132	Introduction to Drawing II	3
ART133	Introduction to Drawing III	3
ART191	Beginning Sculpture	3
ART192	Beginning Sculpture	3
ART204	History of Western Art: Introduction to Art History	3
ART205	History of Western Art: Introduction to Art History	3
ART206	History of Western Art: Introduction to Art History	3
ART225	Computer Art I	3
ART244	Bronze Casting	3
ART253	Ceramics I	3
ART256	Ceramics II	3
ART281	Painting I Beginning	3
ART282	Painting II Beginning	3
ART283	Painting III Beginning	3
ART284	Painting I Intermediate	3
ART285	Painting II Intermediate	3
ART286	Painting III Intermediate	3
ASL201	2nd Yr American Sign Language I	4
ASL202	2nd Yr American Sign Language II	4
ASL203	2nd Yr American Sign Language III	4
ENG104	Introduction to Literature Fiction	3
ENG105	Introduction to Literature Drama	3

ENG106	Introduction to Literature Poetry	3	ANTH232	Native North Americans	3
ENG107	World Literature	3	CJ101	Intro to Criminology	4
or ENG107H	World Literature w/Honors		ED169	Overview of Student Special Needs	3
ENG108	World Literature	3	ED258	Multicultural Education	3
ENG109	World Literature	3	GEOG105	Cultural Geography	3
ENG201	Shakespeare	3	HDFS140	Contemporary American Families	3
ENG204	Survey of English Literature	3	HDFS222	Family Relations	3
or ENG204H	Survey of English Lit w/Honors		HDFS229	Development in Middle Childhood	3
ENG205	Survey of English Literature	3	HDFS247	Preschool Child Development	3
ENG206	Survey of English Literature	3	HST101	History of Western Civilization	3
HUM204	World Mythology & Religion	3	HST102	History of Western Civilization	3
HUM205	World Mythology & Religion	3	HST103	History of Western Civilization	3
HUM206	World Mythlgy & Religion	3	HST104	History of the Middle East	3
J203	Writing for Media I	3	HST201	History of the United States	3
J205	Writing for Media II	3	HST202	History of the United States	3
J215	Publishing Lab	3	HST203	History of the United States	3
MUS101	Music Fundamentals	3	HST240	Hist of Oregon and the South Coast	3
MUS111	Music Theory I	3	PS201	American Government Political Institutions	3
MUS112	Music Theory II	3	PS202	American Government Policy Issues	3
MUS113	Music Theory III	3	PS203	Local Politics and Government	3
MUS201	Intro to Music and its Literature	3	PSY100	Introduction to Psychology	4
MUS202	Intro to Music and its Literature	3	PSY201	General Psychology	3
MUS203	Intro to Music and its Literature	3	or PSY201H	General Psychology w/Honors	
MUS205	Intro to Jazz History	3	PSY202	General Psychology	3
MUS206	Intro to History of Rock and Roll	3	or PSY202H	General Psychology w/Honors	
MUS211	Advanced Music Theory I	3	PSY203	General Psychology	3
MUS212	Advanced Music Theory II	3	or PSY203H	General Psychology w/Honors	
MUS213	Advanced Music Theory III	3	PSY216	Social Psychology	3
PHL101	Introduction to Philosophy Philosophical Problems	3	PSY228	Introduction to Social Science Research	3
PHL102	Ethics	3	PSY231	Human Sexuality	3
PHL103	Intro to Logic and Critical Thnkg	3	PSY237	Life Span Development	3
SP100	Basic Speech Communications	3	PSY239	Introduction to Abnormal Psychology	3
SP111	Fundamentals of Public Speaking	3	PSY243	Drugs and Behavior	3
SP218	Interpersonal Communication	3	SOC105	Introduction to Criminology	4
SP219	Small Group Discussion	3	SOC204	Introduction to Sociology	3
SP220	Gender and Communication	3	SOC205	Social Institutions and Change	3
SPAN201	Second Year Spanish	4	SOC206	Social Problems and Issues	3
SPAN202	Second Year Spanish	4	SOC208	Sociology of Sport	3
SPAN203	Second Year Spanish	4	SOC210	Marriage and Family	3
WR241	Imaginative Creative Writing Fiction	3	SOC213	Racial and Ethnic Relations	3
WR242	Imaginative Writing Poetry Poetry	3	WS101	Introduction to Women's Studies Gender and Power	3
WR243	Imaginative Writing Explorations	3			

Social Sciences

Two (2) courses chosen from two (2) or more disciplines:

Code	Title	Credits
ANTH221	Intro to Cultural Anthropology I	3
ANTH222	Cultural Anthropology II	3
ANTH223	Cultural Anthropology III	3
ANTH224	Intro to Medical Anthropology	3
ANTH230	Native North Americans: Oregon	3
ANTH231	Native North Americans: PNW	3

Science/Mathematics/Computer Science

Four (4) courses from two (2) or more disciplines, including at least three (3) laboratory courses in biological and/or physical science:

Laboratory Courses

Code	Title	Credits
BI101	General Biology	4
BI102	General Biology	4
BI103	General Biology	4
BI142	Habitats: Marine Biology	4

BI201	Introductory Biology	4	or MTH252H	Calculus II w/Honors	
BI202	Introductory Biology	4	MTH253	Calculus III Infinite Sequences And Series	4
BI203	Introductory Biology	4	or MTH253H	Calculus III w/Honors	
BI231	Human Anatomy and Physiology I	4	MTH254	Vector Calculus I	4
BI232	Human Anatomy and Physiology II	4	MTH255	Vector Calculus II	4
BI233	Human Anatomy and Physiology III	4	MTH256	Differential Equations	4
BI234	Microbiology	4	MTH260	Matrix Methods and Linear Algebra	4
CHEM221	General Chemistry I	5			
CHEM222	General Chemistry II	5			
CHEM223	General Chemistry III	5			
ENV235	Introduction to Soil Science	4			
G201	Physical Geology I	4			
G202	Physical Geology II	4			
G203	Historical Geology	4			
GS104	Physical Science	4			
GS105	Physical Science	4			
GS106	Introduction to Earth Science	4			
GS107	Astronomy	4			
GS108	Oceanography	4			
PH201	Gen Physics I: Mechanics	5			
PH202	General Physics II: Heat, Waves, Relativity	5			
PH203	General Physics III: Electricity and Magnetism	5			
PH211	General Physics w/Calculus I	5			
PH212	General Physics w/Calculus II	5			
PH213	General Physics w/Calculus III	5			

Other Approved Courses

Code	Title	Credits
BI140	Practical Ecology	3
BI149	Introduction to Human Genetics	3
CHEM110	Foundations of General, Organic, and Biochemistry	4
or CHEM110H	Foundations of General Organic, and Biochemistry w/Honors	
CS261	Data Structures	4
G146	Geology of Southwestern Oregon	3
G207	Geology of the Pacific Northwest	3
G221	General Geology	3
G246	Geological Hazards And Natural Catastrophes	3
MTH105	Math in Society	4
MTH111	College Algebra	4
or MTH111H	College Algebra w/Honors	
MTH112	Trigonometry	4
or MTH112H	Trigonometry w/Honors	
MTH212	Fundamentals of Elementary Mathematics II	4
MTH213	Fundamentals of Elementary Mathematics III	4
MTH231	Elements of Discrete Mathematics I	4
MTH232	Elements of Discrete Mathematics II	4
MTH241	Calculus for Bus and Soc Science I	4
MTH242	Calculus for Bus and Soc Science II	4
MTH243	Intro to Probability and Statistics Statistics	4
MTH251	Calculus I Differential Calculus	4
or MTH251H	Calculus I w/Honors	
MTH252	Calculus II Integral Calculus	4

Computer Science - Specific Required Courses

All courses must be completed with a grade of 'C' or better.

Code	Title	Credits
CS160	Computer Science Orientation	4
CS161	Introduction to Computer Science I	4
CS162	Introduction to Computer Science II	4
CS261	Data Structures	4
ECON201	Microeconomics	4
ECON202	Macroeconomics	4

Electives

- All courses must be completed with a grade of 'C' or better.
- Students may take any college-level course that would bring total credits to 90 including up to 12 credits of college-designated career and technical education. Eight to nine (8-9) credits, depending on choice of transfer institution.
- A maximum of nine (9) credits of PE185 sport/activity courses may be applied to the ASOT-CS degree.
- Three (3) credit hours of PE185 sport/activity courses may be granted toward the ASOT-CS for completion of military basic training. A copy of the military transcript or DD-214 is required.
- Courses numbered 199/299 will qualify as elective credit only.
- A maximum of 45 credits is allowed for basic, developmental, or supportive courses under federal financial aid guidelines.

Cultural Literacy

Students must select one course from any of the discipline studies that is designated as meeting the statewide criteria for cultural literacy. Courses below meet the Cultural Literacy requirement.

Code	Title	Credits
ANTH221	Intro to Cultural Anthropology I	3
ANTH222	Cultural Anthropology II	3
ANTH223	Cultural Anthropology III	3
ANTH224	Intro to Medical Anthropology	3
ANTH230	Native North Americans: Oregon	3
ANTH231	Native North Americans: PNW	3
ANTH232	Native North Americans	3
ED258	Multicultural Education	3
ENG107	World Literature	3
or ENG107H	World Literature w/Honors	

ENG108	World Literature	3
ENG109	World Literature	3
GEOG105	Cultural Geography	3
HDFS140	Contemporary American Families	3
HUM204	World Mythology & Religion	3
HUM205	World Mythology & Religion	3
HUM206	World Mythlgy & Religion	3
HST104	History of the Middle East	3
MUS205	Intro to Jazz History	3
MUS206	Intro to History of Rock and Roll	3
PSY231	Human Sexuality	3
SOC208	Sociology of Sport	3
SOC210	Marriage and Family	3
SOC213	Racial and Ethnic Relations	3
SP220	Gender and Communication	3
WS101	Introduction to Women's Studies Gender and Power	3

1. Oregon public universities offering bachelor's degrees in computer science:
 - a. Eastern Oregon University
 - b. Oregon Institute of Technology
 - c. Oregon State University
 - d. Portland State University
 - e. Southern Oregon University
 - f. University of Oregon
 - g. Western Oregon University
2. Each Oregon public uiversity has slightly different requirements. See the University Center (<https://www.socc.edu/uc>) for specific details.