Computer Information Science Transfer to Southern Oregon University

Associate of Science Degree

Major Code: 240101I

About the Program

The Associate of Science (AS) degree is based on a signed articulation agreement with Southern Oregon University (SOU). The program is designed for students transferring to its baccalaureate degree program in computer information science. Students must work closely with advisors in their areas of interest to ensure electives are appropriate.

The curriculum allows for 48 core credits within the major area. By completing all appropriate credits (including electives), students will complete required lower division coursework for transfer to SOU. Students should be aware, however, that if they transfer before completing this degree, their courses will be evaluated individually toward the transfer requirements of the college of their choice. Students should note that Associate of Science is the only designation that is recorded on their transcripts.

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. For a list of learning outcomes for this discipline or program, see www.roguecc.edu/Programs/LearningOutcomes.

Entry Requirements

Students are required to take a placement test to determine skill level and readiness in math, reading and writing. As part of their training program, students must begin with the courses within their skill levels as determined by placement test scores. In addition, students may also be required to enroll in classes that would increase their employability and success.

Advanced Standing

Coursework from accredited universities will be accepted in accordance with college policies. In order to ensure that coursework is current, program courses over five years old must be reviewed and approved by the appropriate department chair before being accepted toward core requirements.

Graduation Requirements

The Associate of Science degree will be awarded to students who complete all credits in this program with a grade of "C" or better. Students should be aware that SOU requires a grade of "B" in CS161 and CS162 for transfer. Certain required courses are also graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned a "C" or better grade.

Prerequisites

Course No.	Course Title	Credits
—	Approved 3-4 credit computer science class, CS120 or above (or documented computer proficiency) [1]	0-4
MTH95	Intermediate Algebra (or designated placement test score as shown on current indicator chart)	4

General Education Requirements

Course No.	Course Title	Credits
LIB127	Introduction to Library Research Methods	1
MTH243	Probability and Statistics w/Lab	4
SP111	Fundamentals of Public Speaking or SP218 Interpersonal Communication	4
WR121	English Composition I	4
WR122	English Composition II	4
—	Approved humanities electives [2]	9-12
—	Approved science electives [3]	11-15
—	Approved social science electives [4]	9-12
Total General Education Requirements		**46-56**

Core Requirements

Course No.	Course Title	Credits
BA211	Financial Accounting	4
BA213	Managerial Accounting	4
CS125db	Data Base Management Systems	3
CS133b	Visual Basic I	4
CS140	Introduction to Operating Systems	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS179	Introduction to Networks	4
CS227	PC Hardware Fundamentals and Repair	5
CS233b	Visual Basic II	4
CS275	Data Base Development I	4
CS279	Network Operating Systems	4
Total Core Credits		**48**
TOTAL PROGRAM CREDITS		**94-104**

[1] Successful completion of CS101 or CS120, or otherwise meeting the proficiency requirement within the last 10 years, fulfills this requirement.

[2] Approved Humanities Electives

(Complete at least three courses from the following list, 9-12 credits)

Course No.	Course Title	Credits
ART204,205,206	History of Art I, II, III	4-4-4
ART207,208,209	History of Asian Art	3-3-3
ART211	Survey of Visual Arts	3
ENG104,105,106	Introduction to Literature	4-4-4
ENG107,108,109	World Literature I, II, III	4-4-4
ENG201,202,203	Shakespeare I, II, III	4-4-4
ENG204,205,206	Survey of English Literature I, II, III	4-4-4
ENG244	Introduction to Asian American Literature	4
ENG253,254,255	Survey of American Literature I, II, III	4-4-4
ENG257	African American Literature	4
ENG260	Introduction to Women Writers	4
ENG261	Literature of Science Fiction	4
ENG275	The Bible as Literature	4
FA101	Introduction to Motion Pictures	4
FR201,202, 203	Second Year French I, II, III	4-4-4
HUM101,102,103	Introduction to Humanities I, II, III	4-4-4
HUM215,216,217,218,219	Native American Arts and Cultures	4-4-4-4-4
MUS105	Music Appreciation	3
MUS108	Music in World Cultures	4
MUS201,202,203	Introduction to Music and Its Literature I, II, III	4-4-4
MUS205,206	Introduction to Jazz/Rock Music and Its Literature	3-3
MUS261,262,263	Music History I, II, III	3-3-3
PHL101,102,103	Philosophical Problems/Ethics/Critical Reasoning	4-4-4
REL201	World Religions	4
REL243	Nature, Religion and Ecology	4
SP100	Basic Communication	3
SP115	Introduction to Intercultural Communication	4
SPAN201,202,203	Second Year Spanish I, II, III	4-4-4

[3] Approved Science Electives

(Complete at least three courses – two of which must have labs – from the following list, 11-15 credits)

Course No.	Course Title	Credits
BI100	Introductory Biology (non-lab course)	3
BI101,102,103	Introduction to Biology I, II, III w/lab	4-4-4
BI109	Marine Animals and Plants w/lab	4
BI121,122	Elementary Anatomy and Physiology I, II w/lab	4-4

(over)

BI149	Human Genetics (non-lab course)	3
BI211,212,213	General Biology I, II, III w/lab	4-4-4
BI231,232,233	Anatomy and Physiology I, II, III w/lab	4-4-4
BI234	Microbiology w/lab	4
BI272	Introduction to Ecology w/lab	4
CHEM104,105,106	Introductory Chemistry I, II, III w/lab and recitation	5-5-5
CHEM221,222,223	General Chemistry I, II, III w/lab and recitation	5-5-5
CHEM244	Quantitative Analysis w/lab	4
CS195+133JS	Web Authoring I + Javascript I (taken together, equivalent to CS210 + 4 CS elective credits – non/lab)	4-4
G100	Fundamentals of Geology (non-lab course)	3
G101,102,103	Introduction to Geology I, II, III w/lab	4-4-4
GEOG100	Introduction to Physical Geography (non-lab course)	3
GS104,105,106,107,108	Physical Science w/lab	4-4-4-4-4
PH201,202,203	General Physics I, II, III w/lab and recitation	5-5-5
PH211,212,213	General Physics (Calculus Based) I, II, III w/lab and recitation	5-5-5
SC210	Environmental Resources w/lab	4

[4] Approved Social Science Electives

(Complete at least three courses from the following list, 9-12 credits)

Course No.	Course Title	Credits
ANTH110,150	Introduction to Cultural Anthropology/Archaeology	4-4
BA101	Introduction to Business	3
CJ101/SOC244	Introduction to Criminology	4
CJ120	Introduction to the Judicial Process	4
CJ243/SOC243	Drugs, Crime and Addiction	4
ECON115	Introduction to Economics	3
ECON201,202	Principles of Microeconomics/Macroeconomics	4-4
GEOG110	Introduction to Cultural and Human Geography	3
GEOG120	World Regional Geography	3
HE250,HPE295	Personal Health/Health and Fitness for Life	3-3
HST104,105	History of World Civilization I, II	4-4
HST201,202	History of the United States I, II	4-4
IS110,111	Introduction to International Studies	4-3
PS201,202,203	U. S. Government I, II, III	3-3-3
PSY101	Psychology of Human Relations	3
PSY119	Life Processes	4
PSY201,202	General Psychology I, II	4-4
PSY215	Life Span Human Development	4
PSY219	Introduction to Abnormal Psychology	4
PSY231	Human Sexuality	3
SOC204,205	Introduction to Sociology, American Society	4-4
SOC211	Social Deviance and Social Control	3
SOC213	Multicultural America	4
SOC218	Sociology of Gender	4
SOC225	Social Problems	4
SOC230	Introduction to Gerontology	4

Note: Students who have graduated from high school or completed a high school equivalency program in 1997 or after must have the following requirement for admission to a four-year Oregon university: 1) Two years of the same high school-level foreign language, or 2) two terms of college-level foreign language with a grade of "C" or better (may be first-year foreign language, which can be used as elective credits on the Associate of Arts Oregon Transfer degree). If students plan to complete a Bachelor of Arts (BA) degree at a four-year school, they must have a proficiency in a foreign language regardless of when they graduated from high school or equivalency program.

For more information contact the Computer Science Department:

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This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

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