

TRANSFER DEGREES & OPTIONS – OVERVIEW

AA/OT OR OTM

Work closely with a UCC academic advisor to follow the Associate of Arts Oregon Transfer (AA/OT) degree program and complete your general education requirements, explore majors, and enter an Oregon public university campus or nearly any other college or university as a junior. Or follow the Oregon Transfer Module (OTM) to transfer as a sophomore. These are generally the best choices for students who are exploring different majors and/or different colleges and universities.

ASSOCIATE OF ARTS – OREGON TRANSFER (AA/OT)

The AA/OT degree is designed for students planning to transfer into a baccalaureate degree program in one of Oregon's public universities (University of Oregon, Oregon State University, Eastern Oregon University, Western Oregon University, Southern Oregon University, Portland State University, Oregon Tech) or the AA/OT as a “block transfer,” enabling a student to enter as a junior with all of the transfer school's lower division general education requirements met. The AA/OT offers students the flexibility to choose courses that interest them while fulfilling requirements at their transfer schools.

Several Oregon private institutions and a limited number of out-of-state institutions also accept the AA/OT. These include Concordia University, Pacific University, Warner Pacific College, George Fox University and Marylhurst University in the Portland area, as well as Western Baptist College, BYU - Hawaii, Hawaii Pacific University, Boise State University, Seattle Pacific University, and Washington State University. It is important to note that the AA/OT may not be the best degree option for all majors. Students should consult advisors in their major areas for educational planning related to required courses in their majors.

OREGON TRANSFER MODULE (OTM)

The Oregon Transfer Module (OTM) is an approved 45 credits of general education courses (foundational skills and introduction to discipline courses) that are common among Oregon's colleges and universities. Courses are selected from an approved list of general education requirements, determined by each Oregon community college, public university, or participating Oregon independent college or university. It is designed to improve student access to a college degree by enhancing opportunities for the transfer of credits earned at one community college or public university to another public college or university.

Any student completing an OTM who conforms to the guidelines below will have met the requirements for the OTM at any Oregon community college or public university.

- Upon transfer, the receiving institution may specify additional course work that is required for a major, for degree requirements, or to make up the difference between the OTM and the institution's total General Education requirements.
- The OTM includes coursework chosen from the courses approved for the categories below by the institution issuing the credit. In the case of community colleges, these are courses approved for the AA/OT degree; in the case of universities and four-year colleges, they are courses approved for the General Education portion of a baccalaureate degree.

AS OR TARGETED TRANSFER

Work closely with a UCC academic advisor to accumulate the maximum number of credits possible before transferring to your chosen college or university in your chosen major. These are generally the best choices for students who have selected a major or a college or university. Turn to page 46 for an alphabetical listing of transfer programs.

ASSOCIATE OF SCIENCE (AS)

The AS degree is designed for students who plan to transfer and complete a Bachelors of Science degree at a four-year institution. The degree requirements allow students more flexibility in course selection, allowing them to focus on their major requirements. NOTE : Completion of this degree does not guarantee that all lower-division General Education requirements have been met for a baccalaureate degree (i.e., this is not a block transfer degree as is the AA/OT). In selecting courses for this degree, students are strongly encouraged to consult the specific transfer curriculum pages in this catalog, the faculty advisor, and the institution to which they intend to transfer to determine if it is an appropriate choice.

ASSOCIATE OF GENERAL STUDIES (AGS)

This flexible degree option enables a student to complete an associate's degree that is tailored to the general education requirements of the transfer school. Students must exercise caution in using the AGS option, as the degree does not guarantee transferability of courses completed. Educational planning for the AGS should be done with the help of an advisor.

SECOND LANGUAGE ADMISSION REQUIREMENT FOR OREGON PUBLIC UNIVERSITIES

The admission requirements for the Oregon universities include the completion of an acceptable second language, including American Sign Language (ASL), coursework, or demonstration of knowledge of and/or proficiency in a second language. New undergraduate students are required to meet an assessed proficiency-based standard in a second language.

Contact the university of your choice for more details. All students graduating from high school in 1997 and thereafter must meet the requirement.

STUDENT LEARNING OUTCOMES FOR AA/OT DEGREES

The AA/OT/ASOT transfer degrees are designed to prepare students to succeed after transferring to public universities and to attain GPAs comparable to students who begin their education at those institutions. Students who attain these degrees will possess a wide range of knowledge and skills, as described in the categories below.

As a result of completing the AA/OT, students should be able to:

ARTS AND LETTERS

ARTS AND LETTERS refers to works of art, whether written, crafted, designed or performed, and documents of particular poignancy and significance in statement or design.

- Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life; and
- Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.

MATHEMATICS

- Use appropriate mathematics to solve problems; and
- Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

SCIENCE OR COMPUTER SCIENCES

- Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions;
- Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and
- Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the

SOCIAL SCIENCES

- Apply analytical skills to social phenomena in order to understand human behavior; and
- Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SPEECH/ORAL COMMUNICATION

- Engage in ethical communication processes that accomplish goals;
- Respond to the needs of diverse audiences and contexts; and
- Build and manage relationships.

WRITING

- Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences;
- Locate, evaluate, and ethically utilize information to communicate effectively; and
- Demonstrate appropriate reasoning in response to complex issues.

CULTURAL LITERACY

- Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.

ASSOCIATE OF ARTS / OREGON TRANSFER DEGREE (AA/OT)

The Associate of Arts Degree is conferred on students who complete a full lower division college transfer program meeting requirements set jointly by Oregon's community colleges and public universities. A minimum 90 credits with a grade of C or higher and a cumulative GPA of 2.0 or higher are needed to satisfy AA/OT requirements. All Foundational Requirements and Discipline Studies Requirements courses must be at least three credits each.

This degree provides for "block transfer" to Oregon's four-year colleges and universities. All lower division general education requirements of the receiving institution are met. ***Students should work closely with UCC advisors and faculty, and with representatives of the institution(s) to which they may transfer for specific details. There may be special requirements for specific programs or schools.***

To complete an AA/OT at Umpqua Community College, a minimum of 24 credits must be earned through UCC and two terms of attendance must have occurred at UCC.

Transfer note: Check transfer school for admissions, foreign language and cultural literacy, and transfer program requirements.

FOUNDATION REQUIREMENTS

Writing		8
WR 121	English Composition: Intro to Argument	4
WR 122	English Composition: Style and Argument <i>OR</i>	4
WR 227	Technical Report Writing	4

Oral Communications

Must take one of the following classes:

SP 105	Listening	3
SP 111	Fundamentals of Public Speaking	4
SP 112	Persuasive Speech	3
SP 218	Interpersonal Communication	3
SP 219	Small Group Discussion	3

Mathematics

One course of college level mathematics from the approved MTH courses listed on pgs. 44-45.

4-5

Health/Wellness/Fitness

HPE 295 Wellness & Health Assessment

3

DISCIPLINE STUDIES REQUIREMENTS

Arts and Letters

Must take at least three courses, chosen from at least two disciplines from the approved list on pages 44-45.

Note: Second year world languages, are included in this category. First year world languages are counted as electives.

Science / Math / Computer Science

Must take at least four courses from at least two disciplines — including at least three biological or physical science courses with labs, from the approved list on pages 44-45.

Note: Math credits used to meet this requirement are in addition to any used to meet the Foundational Requirement above.

Social Science

Must take at least four courses chosen from at least two disciplines from the approved list on pages 44-45.

Electives

Any courses numbered 100 or above that would bring total credits up to 90.

Note: Electives may include up to 12 credits from the approved Career and Technical Education (CTE) list on pages 44-45, and a maximum of 12 credits of PE activity courses.

Cultural Literacy

At least one of the Discipline Studies courses above must be designated as meeting the criteria for Cultural Literacy.

This course is not an additional course — it would also meet Foundational, Discipline or Elective requirements.

No course substitutions are allowed for the AA/OT.

Courses used in these areas must be at least 3 credits. See pages 44-45 for approved courses.

No course may be used to satisfy more than one requirement or distribution area.

OREGON TRANSFER MODULE (OTM)

45 CREDITS

The Oregon Transfer Module is conferred upon students who complete a lower division college transfer program meeting requirements set jointly by Oregon's community colleges and public universities. This module provides "block transfer" to Oregon's four-year colleges and universities. A minimum 45 credits with a grade of C or higher and a cumulative GPA of 2.0 or higher are needed to satisfy OTM requirements. All Foundational Requirements and Discipline Studies Requirements courses must be at least three credits each.

Students planning to transfer should work closely with UCC advisors and faculty, and with representatives of the institution(s) to which they may transfer for specific details. There may be special requirements for specific programs or schools.

Transfer note: Check transfer school for admissions, foreign language and cultural literacy, and transfer program requirements.

FOUNDATIONAL REQUIREMENTS

Writing		8
WR 121	English Composition: Intro to Argument	4
WR 122	English Composition: Style and Argument <i>OR</i>	4
WR 227	Technical Report Writing	4

Oral Communications **3**

Must take one of the following classes:

SP 105	Listening	3
SP 111	Fundamentals of Public Speaking	4
SP 112	Persuasive Speech	3
SP 218	Interpersonal Communication	3
SP 219	Small Group Discussion	3

Mathematics **4-5**

One course of college level mathematics from the approved MTH courses listed on pgs. 44-45.

DISCIPLINE STUDIES REQUIREMENTS

Arts and Letters

Must take at least 3 courses from the approved list on pages 44-45.

Note: Second year world languages are included in this category.

Science / Math / Computer Science

Must take at least 3 courses, including at least 1 biological or physical science course with lab, from the approved list on pages 44-45.

Social Science

Must take at least 3 courses from the approved list on pages 44-45.

No course substitutions are allowed for the OTM

No course may be used to satisfy more than one requirement or distribution area.

****Courses used in these areas must be at least 3 credits. See pages 44-45 for approved courses.***

Students are encouraged to complete at least one course with the Cultural Literacy component in order to complete AA/OT requirements.

ASSOCIATE OF SCIENCE DEGREE (AS)

90 CREDITS (minimum)

The Associate of Science degree is designed for students planning to transfer credits to a baccalaureate degree program. Unless directly articulated with another college/university the degree does not guarantee that students will be accepted as having completed all lower division comprehensive and General Education requirements for a baccalaureate degree. There are no majors within this degree.

In selecting courses for this degree, students should consult advisors at UCC and the institution to which they will transfer about the requirement of their baccalaureate major. All elective courses must be lower division collegiate courses (numbered 100 and above). Career and technical course credits are limited to 12 credits unless part of an articulated program.

To complete the degree at Umpqua Community College a minimum of 25% of the program credits required must be earned through UCC and two terms of attendance must have occurred at UCC.

Listed next are the General Education requirements included in Associate of Science programs; additional courses are listed starting on p.50 under the specific degree program.

GENERAL EDUCATION REQUIREMENTS (23 - 26 CREDITS)

Writing		8
WR 121	English Composition: Intro to Argument	4
WR 122	English Composition: Style and Argument <i>OR</i>	4
WR 227	Technical Report Writing	4

Oral Communications **3**

Must take one of the following classes:

SP 105	Listening	3
SP 111	Fundamentals of Public Speaking	4
SP 112	Persuasive Speech	3
SP 218	Interpersonal Communication	3
SP 219	Small Group Discussion	3

Mathematics

MTH 105	Math in Society (or higher)	4
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Social Sciences **3**

3 credits from the Social Sciences discipline listing.

Arts & Letters **3**

3 credits from the Arts and Letters discipline listing.

Science **4**

4 credits of a science course with lab from the Science discipline listing.

Cultural Literacy **3**

3 credits from a course that is defined as meeting

Cultural Literacy from the discipline listings.

This course may also be used to satisfy one of the requirements listed above.

No course substitutions are allowed for the AS

ASSOCIATE OF GENERAL STUDIES DEGREE (AGS)

90 CREDITS

The Associate of General Studies (AGS) degree is intended to meet individual student needs using a variety of lower division college level courses to meet degree requirements. "Associate of General Studies" appears on the student's transcript. Specific program designation or focus does not appear on the student's transcript or degree. Academic or Career and Technical Education (CTE) courses used to satisfy AGS degree requirements must be on the approved list on pages 44-45.

The AGS degree must include 90 quarter credits or equivalent proficiency, a recognizable core of general education courses, and an established standard of academic achievement. Electives may include any combination of lower division collegiate transfer and/or collegiate level career and technical education courses.

To complete an AGS at Umpqua Community College, a minimum of 25% of the program credits required must be earned through UCC, two terms of attendance must have occurred at UCC, and a student must have a cumulative GPA of 2.0 or higher.

GENERAL REQUIREMENTS

MTH 105 or above 4-5
(from the approved MTH courses listed on pgs. 44-45 *OR* BA 180 Business Mathematics I)

Writing

WR 121 English Composition: Intro to Argument 4

Human Relations

PSY 101 Psychology of Human Relations 3

DISCIPLINE STUDIES REQUIREMENTS

Arts and Letters

Must take at least 1 course from the approved list on pages 44-45.

Science / Math / Computer Science

Must take at least 1 course from the approved list on pages 44-45.

Social Science

Must take at least 1 course from the approved list on pages 44-45.

No course substitutions are allowed for the AGS

No course may be used to satisfy more than one requirement or distribution area.

**Courses used in these areas must be at least 3 credits each. See pages 44-45 for approved courses.*

ASSOCIATE OF ARTS / OREGON TRANSFER DEGREE (AA/OT)

2017 - 2018 UCC PROGRAM ADVISING SHEET

Minimum 90 credits with a grade of "C" or higher needed to satisfy AAOT requirement— unless noted, courses offered at 3 credit hours each; a minimum of 25% of the program credits required must be earned through UCC and two terms of attendance must have occurred at UCC. ++ Courses identified that meet the REQUIRED 3 credits for UCC AAOT Cultural Literacy; * Courses with required pre-/co-requisites (check catalogue course description – many may be banner enforced)

Transfer Note: Check transfer school for admissions, foreign language & cultural literacy, and transfer program requirements

AREA 1: FOUNDATIONAL REQUIREMENTS – Required to complete AAOT – writing, speech, health & physical education and math:

___ WR 121 English Composition: Intro to Argument (4)*
___ WR 122 English Composition: Style and Argument (4)* OR ___ WR 227 Technical Report Writing (4)*
(Note: WR115 may count toward elective credits but does not meet the foundational requirements)

___ SP 105, 111 (4), 112, 218++, or 219: Speech
___ HPE 295: Wellness & Health
___ MTH (105 level or above): Math (4)

AREA 2: ARTS & LETTERS – Complete three courses from two different disciplines from the following:

___ ART 101: Introduction to Visual Arts (4)++	___ ENG 260: Introduction to Women's Literature (4)	___ SP 111: Fundamentals of Public Speaking (4)
___ ART 120: Artists' Books++	___ ENG 288: Cultural Diversity – American Lit++ (4)	___ SP 112: Persuasive Speech
___ ART 134: Illustrating Nature	___ FA 256: American Film History (4)	___ SP 218: Interpersonal Communication++
___ ART 204, 205, 206: History of Western Art I, II, III (4)++	___ Language 201, 202, 203: GER, SPAN++, FR++ (4)	___ SP 219: Small Group Discussion
___ ART 210: Women in Art++	___ J 205: Intro to Public Relations	___ SP 237: Gender Communication++
___ ART 216: Intro to History of Photography	___ J 215: Journalism Production	___ Theater: One 3-credit theatre art #100 & above
___ ART 217: Comics and American Culture++	___ J 251: Writing for the Media	___ TA 256: Musical Theatre Workshop
___ ART: One 3-credit studio art # 100 & above	___ MUS 105: History of Rock Music	___ TA 257: Musical Theatre Dance
___ ENG 104, 105, 106: Introduction to Literature++ (4)	___ MUS 161: Jazz Improvisation	___ TA 261: Intro to Costume Design
___ ENG 107, 108, 109: World Literature (4)	___ MUS 201, 202, 203: Intro to Music and Its Literature	___ TA 271: Introduction to Theatre (4)
___ ENG 201, 202: Shakespeare (4)	___ MUS 204: Music of the World	___ WR 241: Creative Writing – Short Fiction (4)*
___ ENG 204, 205, 206: Survey of English Literature (4)	___ MUS 205: Introduction to Jazz History	___ WR 241: Creative Writing – Poetry (4)*
___ ENG 230: Environmental Literature ++ (4)	___ PHL 201, 202, 203: Introduction to Philosophy	___ WR 243: Creative Writing – Mixed Genre (4)*
___ ENG 250: Intro to Mythology (4)	___ R 201, 202, 203: World Religion	___ WS101: Intro to Gender & Women's Studies++ (4)
___ ENG 253, 254, 255: Survey of American Literature++ (4)	___ SP 105: Listening	

AREA 3: SCIENCE/MATH/COMPUTER SCIENCE – Complete four courses from two disciplines, three must include a lab. From the following:

Area 3 Courses WITH Labs:

___ ATS 201: Climate Science (4)*
___ BI 101, 102, 103: General Biology (4)
___ BI 101A: Ecology of Baja Peninsula (4)
___ BI 110: Wildlife Biology on Safari (4)
___ BI 211, 212, 213: Principles of Biology (5)*
___ BI 231, 232, 233: Human Anatomy & Physiology (4)*
___ BI 234: Introduction to Microbiology (4)*
___ BOT 203: General Field Botany (4)
___ BOT 204: Flowering Plants of SW OR/NO. CA (4)
___ CH 104, 105, 106: Introduction to Chemistry (4)*
___ CH 112: Fundamentals of Chemistry (5)*
___ CH 221, 222, 223: General Chemistry (5)*
___ CH 241, 242, 243: Organic Chemistry (4)*
___ FOR 234: GIS 1 Introduction to Geographic Information Systems (4)
___ FOR 235: GIS II Data Analysis and Applications (4)
___ FOR 240: Forest Biology (4)

___ FOR 241: Dendrology (4)
___ G 146: Rocks & Minerals (4)
___ G 180: Regional Field Geology (4)
___ G 201, 202, 203: General Geology (4)
___ G 213: Geology of National Parks
___ G 221: Environmental Geology (4)
___ GIS 203: Digital Earth and Geospatial Concepts (4)
___ GIS 234: GIS 1 Introduction to Geographic Information Systems (4)
___ GIS 235: GIS II Data Analysis and Applications (4)
___ GS 104, 105, 106: Physical Science (4)*
___ GS 107: Beginning Astronomy (4)
___ GS 112: Making Sense of Science (4)
___ NR 221: Water Resource Science (4)
___ NR 240: Forest Biology (4)*
___ NR 241: Dendrology (4)*
___ NR 242: Ecosystems of SW OR/NO. CA (4)*
___ NR 255: Field Sampling of Fish and Wildlife (3)

___ PE 135: Anatomy & Physiology for Fitness (4)
___ PH 201, 202, 203: General Physics (5)*
___ PH 211, 212, 213: General Physics with Calculus (5)*
___ SOIL 205, 206: Soil Science (4) – must be taken together to meet Science Lab requirement
___ SUR 209: Photogrammetry and Intro to Remote Sensing (4)*

*Area 3 Courses WITHOUT Labs:

___ BI 222: Intro to Genetics*
___ CS 160: Intro to Computer Science (4)*
___ CS 161: Computer Science I (4)*
___ CS 162: Computer Science II (4)*
___ CS 260: Data Structures (4)*
___ CS 271: Computer Architecture (4)*
___ ENGR 111: Engineering Orientation*
___ ENGR 112: Problem Solving and Technology*
___ ENGR 201, 202: Electrical Fundamentals (4)
___ ENGR 203: Electrical Fundamentals – Signals and Controls (4)*

APPROVED DISCIPLINE STUDIES LISTINGS

Arts and Letters

ART 101*	Introduction to Visual Arts 4
ART 120*	Artists' Books 3
ART 134	Illustrating Nature (3)
ART 204*, 205, 206	History of Western Art I, II, III (4,4,4)
ART 210*	Women in Art (3)
ART 216*	Introduction to the History of Photography (4)
ART 217*	Comics in American Culture (4)
ENG 104*,105*,106*	Intro to Literature (4, 4, 4)
ENG 107, 108	World Literature (4, 4)
ENG 109*	World Literature (4)
ENG 201, 202	Shakespeare (4,4)
ENG 204, 205, 206	Survey of English Literature (4, 4, 4)
ENG 230*	Environmental Literature (4)
ENG 250	Intro to Mythology (4)
ENG 253*, 254*, 255*	Survey of American Lit. (4, 4, 4)
ENG 260	Intro to Women's Literature (4)
ENG 288*	Cultural Diversity in Contemporary American Literature (4)
FA 256	American Film History (4)
FR 201*, 202*, 203*	Second-Year French (4, 4, 4)
GER 201, 202, 203	Second-Year German (4, 4, 4)
J 205	Introduction to Public Relations (3)
J 215	Journalism Production (3)
J 251	Writing for the Media (3)
MUS 105	History of Rock (3)
MUS 161	Jazz Improvisation (3)
MUS 201, 202, 203	Intro to Music & Its Literature (3, 3, 3)
MUS 204	Music of the World (3)
MUS 205	Intro to Jazz History (3)
PHL 201, 202, 203	Intro to Philosophy (3, 3, 3)
R 201, 202, 203	World Religions (3, 3, 3)
SPAN 201*, 202*, 203*	Second-Year Spanish (4, 4, 4)
SP 105	Listening (3)
SP 111	Fundamentals-Public Speaking (4)
SP 112	Persuasive Speech (3)
SP 218*	Interpersonal Communication (3)
SP 219	Small Group Discussion (3)
SP 237*	Gender Communication (3)
TA 256	Musical Theatre Workshop (3)
TA 257	Musical Theatre Dance (3)
TA 261	Intro to Costume Design (3)
TA 271	Introduction to Theatre (4)
WR 241, 242, 243	Creative Writing (4, 4, 4)
WS 101*	Introduction to Women's Studies (4)

ART: One 3-credit course in studio arts numbered 100 or above. (ART 221*)

THEATRE: One 3-credit course in theatre arts numbered 100 or above.

* meets AA/OT Cultural Literacy Requirement

Science / Math / Computer Science

ATS 201	Climate Science (4)
BI 101,102,103	General Biology (4, 4, 4)
BI 101A	Ecology of Baja Peninsula (4)
BI 110	Wildlife Biology on Safari (4)
BI 211, 212, 213	Principles of Biology (5, 5, 5)
BI 222	Genetics (3)
BI 231, 232, 233	Anatomy & Physiology (4, 4, 4)
BI 234	Introductory Microbiology (4)
BOT 203	General (Field) Botany (4)
BOT 204	Flowering Plants of Southern Oregon-Northern California
CH 104,105,106	Introduction to Chemistry (4, 4, 4)
CH 112	Fundamentals of Chemistry (5)
CH 221, 222, 223	General Chemistry (5, 5, 5)
CH 241, 242, 243	Organic Chemistry (4, 4, 4)
CS XXX	Computer Science
ENGR 111	Engineering Orientation (3)
ENGR 112	Problem Solving and Technology (3)
ENGR 201	Electrical Fundamentals (4)
ENGR 202	Electrical Fundamentals II (4)
ENGR 203	Electrical Fundamentals - Signals and Controls (4)
ENGR 211	Statics (4)
ENGR 212	Dynamics (4)
ENGR 213	Strength of Materials (4)
FN 225	Human Nutrition (4)
FOR 111	Introduction to Forestry (3)
FOR 141	Tree and Shrub Identification (3)
FOR 234	GIS I Introduction to Geographic Information Systems (3)
FOR 240	Forest Biology (4)
FOR 261	Recreation Resource Management (4)
G 140	Volcanoes, Earthquakes and other Geologic Disasters (3)
G 145	Geology of the Pacific Northwest (3)
G 146	Rocks and Minerals (4)
G 180	Regional Field Geology (4)
G 201, 202, 203	General Geology (4, 4, 4)
G 213	Geology of the National Parks (3)
G 221	Environmental Geology (4)
GIS 203	Digital Earth and Geospatial Concepts (4)
GIS 234	GIS I Intro to Geographic Information Systems (3)
GIS 235	GIS II Data Analysis and Application
GS 104, 105, 106	Physical Science (4, 4, 4)
GS 107	Beginning Astronomy (4)
GS 112	Making Sense of Science (4)
GS 113	Intro to Geology (3)
GS 147	Intro to Oceanography (3)
MTH 105	Math in Society (4)
MTH 111	College Algebra (5)
MTH 112	Elementary Functions (4)
MTH 211, 212, 213	Fundamentals of Elementary Math I, II, III (4, 4, 4)
MTH 231	Elements of Discrete Math I (4)

APPROVED DISCIPLINE STUDIES LISTINGS

Science / Math / Computer Science, *continued*

MTH 241, 242	Calculus for Management & Social Science I, II (4, 4)
MTH 243	Introduction to Probability & Statistics (5)
MTH 251, 252, 253	Calculus I, II, III (5, 4, 4)
MTH 254	Vector Calculus I (4)
MTH 256	Differential Equations (4)
MTH 265	Statistics for Scientists and Engineers
NR 141	Tree and Shrub Identification (3)
NR 201	Introduction to Natural Resources (3)
NR 221	Water Resource Science (4)
NR 240	Forest Biology (3)
NR 241	Dendrology (4)
NR 242	Ecosystems of SW OR/No CA (4)
NR 243	Historical Ecology of Pacific NW (3)
NR 251	Principles of Fish and Wildlife Conservation (3)
NR 261	Recreation Resource Management (4)
NR 255	Field Sampling of Fish and Wildlife (3)
NR 295	Environmental Dispute Resolution (3)
PE 135	Anatomy & Physiology for Fitness (4)
PH 201, 202, 203	General Physics (5, 5, 5)
PH 211, 212, 213	General Physics w/Calculus (5, 5, 5)
SOIL 205	Soil Science (3)
SOIL 206	Soil Science Lab (1)
SUR 209	Photogrammetry and Intro to Remote Sensing (4)

Social Sciences

ANTH 150	Intro to Archaeology (3)
ANTH 165	Anthropology of Sex
ANTH 221*, 222*, 223*	Cultural Anthropology (3, 3, 3)
CJ 101	Introduction to Criminology (3)
CJ 110	Introduction to Law Enforcement (3)

Career & Technical

APR XXX	Apprenticeship
AUT XXX	Automotive
BA 116	Principles of Financial Services
BA 128	Accounting Applications I
BA 129-	Accounting Applications II
BA 130	Accounting Applications III
BA 150	Developing a Small Business
BA 151	Practical Accounting I
BA 152	Practical Accounting II
BA 160	Accounting for Managers
BA 165	Customer Service
BA 177	Payroll Accounting
BA 180	Business Mathematics I
BA 181	Business Mathematics II
BA 215	Cost Accounting
BA 228	Computerized Accounting Systems I
BA 229	Computerized Accounting Systems II

BA 230	Computerized Accounting Systems III
BA 235	Intermediate Accounting I
BA 236	Intermediate Accounting II
BA 237	Intermediate Accounting III
BA 240	Introduction to Auditing
BA 256	Tax Accounting I
BA 257	Tax Accounting II
CIS XXX	Computer Information Systems (except CIS 120)
CWE XXX	Cooperative Work Experience
CJ 100X	Law Enforcement Skills Training
CA XXX	Culinary Arts
DA XXX	Dental Assisting
DRF XXX	Drafting Technology
ED 104	ECE Seminar & Practicum IV
ED 105	ECE Seminar & Practicum V
ED 106	ECE Seminar & Practicum VI

Social Sciences, *continued*

CJ 114*	Cultural Diversity Issues in Criminal Justice (3)
CJ 130	Introduction to Corrections (3)
CJ 275	Comparative Criminal Justice Systems (3)
ECON 201, 202, 203	Economics (3, 3, 3)
ED 121, 122, 123	Leadership Development (3, 3, 3)
GIS 203	Digital Earth and Geospatial Concepts
GIS 234	GIS I Introduction to Geographic Information Systems
GIS 235	GIS II Data Analysis and Applications
HD 208	Career/Life Planning (3)
HDFS 201	Individual & Family Development (3)
HDFS 225	Child Development (3)
HDFS 240	Contemporary American Family (3)
HS 100	Introduction to Human Services (3)
HS 154	Community Resources (3)
HST 104*, 105*, 106*	World History (3, 3, 3)
HST 201*, 202*, 203*	History of United States (3, 3, 3)
J 211*	Introduction to Mass Communication (3)
NR 295	Environmental Dispute Resolution (3)
PS 201*, 202*, 203	U.S. Government (3, 3, 3)
PS 205	International Relations (3)
PSY 101	Psychology of Human Relations (3)
PSY 201*, 202*, 203*	General Psychology (3, 3, 3)
PSY 239	Abnormal Psychology (3)
SOC 204*, 205*, 206	Introduction to Sociology (3, 3, 3)
SOC 207	Juvenile Delinquency (3)
SOC 213*	Race, Class, & Ethnicity (3)
SOC 225	Social Aspects of Addiction (3)
SOC 240	Sociology of Work and Leisure (3)
WS 101*	Introduction to Women's Studies (4)

* meets AA/OT Cultural Literacy Requirement

EMS XXX	Emergency Medical Services
ES XXX	Emergency Services
FRP XXX	Fire Protection Technology
LA XXX	Paralegal Studies
MED XXX	Medical Office
MFG XXX	Machine Manufacturing Technology
NRS XXX	Registered Nursing
OA XXX	Office Assistant
PN XXX	Practical Nursing
SDP XXX	Supervision
TTEN XXX	Automotive T-TEN
TTL XXX	Truck Driving
VC XXX	Visual Communications
VE XXX	Viticulture & Enology
WLD XXX	Welding
WQT XXX	Water Quality Treatment
XXX 280X	Cooperative Work Experience

TRANSFER PROGRAMS

All transfer students should work closely with UCC advisors and faculty and representatives of the school(s) to which they may transfer. There may be special requirements for specific programs or schools.

ANTHROPOLOGY

Majors in anthropology are offered at UO, OSU, and PSU. A combined anthropology-sociology major is offered at EOU and SOU.

ART

Art Education, Art History, Pre-Architecture, Studio Art

The UCC Fine and Performing Arts Department offers a comprehensive two-year course of study in Fine Arts. Classes in drawing, painting, printmaking, basic design, ceramics, and sculpture provide students with a variety of foundation-level studio opportunities. Additional classes in art history and professional practices help prepare students for advanced studies at the university level and other artist opportunities, such as fellowships and internships. All Fine Arts faculty have degrees in the arts, and are practicing professional artists who bring a broad range of world experiences to their classrooms and studios.

Majors in art, art education, art history (or some combination) are offered at UO, OSU, PSU, EOU, WOU, and SOU. UCC offers coursework approved for transfer to these public institutions, Pacific Northwest College of Art and the Oregon College of Arts and Crafts, and other private colleges and universities. PSU and UO offer undergraduate programs in Architecture.

Students wishing to complete degrees in any art-based field should consult with the Fine Arts advisor and representatives of the schools to which they may transfer for assistance in planning their course of study at UCC. B.A., B.F.A. and B.Arch requirements can be stringent; a plan will assist students in completing their studies in a timely manner.

BIOLOGY

Majors in biology and specialized fields within this broad discipline are offered at OSU, UO, PSU, WOU, EOU, and SOU. UCC offers coursework approved for transfer to these institutions.

BUSINESS ADMINISTRATION

A business major will help prepare students for interesting and challenging roles and opportunities in the business field. Students will acquire skills in marketing, management, accounting, human relations, and more. Students interested in pursuing a higher-level degree in the business administrative field can transfer to any number of institutions: including OSU, UO, PSU, WOU, EOU, and SOU.

Students planning to transfer should work closely with UCC faculty and advisors, as well as representatives from the receiving college or university in order to ensure they are meeting all of the specific requirements for their programs or schools.

Students interested in transferring to SOU should review the Associate of Science Degree Articulated with Southern Oregon University - see page 52.

CHEMISTRY

Majors in chemistry are offered at UO, OSU, PSU, SOU and EOU. UCC offers programs of study which are approved for transfer to these institutions. Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

COMMUNICATION STUDIES

Journalism, Public Relations, Speech Communications, Certificates

Oregon universities vary greatly in transfer requirements for Communication Studies and Journalism programs. Students must consult the UCC Advising and Career Center, their advisor and their transfer school as early as possible. Most Bachelor of Arts degrees require a second year of world languages; Bachelor of Science degrees require additional math. Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

COMPUTER SCIENCE

Computer science is the study of programs, data, computing machinery, and how these interact. The computer science program offered at UCC is mathematically-based.

Majors in computer science are offered at UO, OSU, PSU, WOU, and SOU. However, it should be noted that the curriculum does vary at the above schools. You should consult your UCC faculty advisor before your first term at UCC.

CRIMINAL JUSTICE

Associate of Science Degree Articulated with Southern Oregon University - see page 56

EARLY CHILDHOOD DEVELOPMENT

Associate of Science Degree Articulated with Southern Oregon University - see page 58

EDUCATION

Elementary and Secondary

There are many different educational programs available to prospective elementary and secondary teachers at Oregon universities and colleges. Some incorporate the teaching licensure within a baccalaureate program, and some within a master's program. In secondary education, students are advised to decide what subject matter they plan to teach, and take classes as if that subject were their major. Students should work closely with UCC advisors and representatives of the intended transfer institution(s) to plan their coursework at UCC.

All prospective teachers are urged to take ED 100, which is a teaching practicum. This will help students verify that teaching is a good career choice for them. In addition, students are urged to choose the baccalaureate school program early, and then align coursework at UCC to work best with those requirements. UCC offers several education courses that will transfer into teacher licensure programs. Secondary Education students are urged to work closely with advisors both at UCC and the "target" school in planning classes at UCC. To research Teacher Education programs in Oregon by internet: go to <http://tinyurl.com/zvrfk8w>

TRANSFER PROGRAMS

ENGINEERING

Associate of Science Degree - see page 60

ENGLISH

Through reading, discussing, researching, and writing about literature, English majors develop skills that are prized in the professional world: the ability to communicate effectively; to research, analyze, and interpret complex information; to write clear, strong, reasonable arguments; to understand human behavior and the complex issues that surround diversity; to view situations from a variety of perspectives; and to creatively solve problems. Although English majors study nonfiction works such as letters, journals, autobiographies, and essays, they focus primarily on creative works such as poetry, short stories, plays, and novels.

While the most obvious careers for English majors include the fields of teaching, writing, and editing, the degree is remarkably versatile, opening doors into a variety of graduate programs, including law and library science. An English degree also opens doors into business management, public relations, publishing, journalism, advertising, sales, and many other fields.

English majors are offered at UO, OSU, EOU, PSU, WOU, and SOU, and most other colleges and universities across the United States offer degrees in English. UCC offers coursework approved for transfer to these institutions. Students should work with their UCC faculty advisor about any special requirements of the college or university to which they will transfer.

GEOLOGY

Earth Science programs provide a wide variety of employment opportunities, usually available after receiving a bachelor's, master's or doctoral degree. Employment in the mining and petroleum industries continues to expand rapidly, offering exciting opportunities for employment worldwide. Additional private industries hiring geologists include environmental remediation, engineering firms and geological consulting firms. Other strong areas of employment in the earth sciences include state and federal government agencies such as geologic surveys, oceanographic and space agencies, as well as state and national parks and monuments. Research and teaching institutions such as museums, colleges, and universities also employ a variety of earth science specialists. There is also a need for primary and secondary school educators with earth

science backgrounds. Numerous non-traditional careers in earth sciences can be explored, including such areas as forensic science, science journalism, and environmental law.

Majors in geology and/or Earth Science are offered at UO, OSU, PSU, and WOU. UCC offers coursework approved for transfer to these institutions. Students should consult with their UCC faculty advisor and a representative of the college or university to which they will transfer for any special requirements.

HEALTH, HEALTH EDUCATION, HEALTH CARE ADMINISTRATION

Majors in the health area are offered at UO, OSU, PSU and WOU. UO offers majors in community health, gerontology, traffic safety, school health, and comprehensive health. OSU offers majors in community health, environmental health, industrial hygiene, school health and safety, health care administration, and safety studies. PSU offers majors in health, health education, and community health. WOU offers a major in health education.

HISTORY

The history major is offered at public colleges and universities in Oregon, and at most private colleges in the state. UCC offers coursework approved for transfer to these institutions. Careers for students of history include work in teaching (high school, college, and university), in museums, in editing and publishing, in archives, in historic preservation, and in federal, state, and local governmental agencies and organizations.

Students planning to transfer in history should work closely with UCC advisors and representatives from the school(s) to which they may transfer. There may be special requirements for specific programs or schools.

HUMAN SERVICES

The UCC Human Services transfer program prepares students to study for a Bachelor of Science (BS) or Bachelor of Arts (BA) in Family and Human Services (FHS) at the University of Oregon, Department of Counseling, Psychology and Human Services. University of Oregon FHS program graduates are directly employable as case managers, youth outreach workers, family support workers, and residential counselors. In addition, students can transfer to Portland State University which offers a Bachelor in Social Work.

For Associate of Science Degree Articulated with Southern Oregon University - see page 70

INTERNATIONAL STUDIES

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for programs or schools.

International Studies includes such specialized areas as government service, education, humanitarian aid, international law, international business and peace studies. The student's program choices should be relevant to his/her intended career. It is highly encouraged that the International Studies major should include two full years of the language of your choice. Suggested language courses are French and Spanish 100 and 200 level sequences. Students should consult with their UCC faculty advisor and a representative of the college or university to which they will transfer for any special requirements.

MATHEMATICS

Majors in mathematics are offered at all seven Oregon public university campuses and most independent colleges and universities. UCC offers a program of study for students who plan to transfer to a 4-year institution to complete a bachelor's degree in mathematics. Courses are also offered to help students prepare to teach mathematics at the elementary or high school level.

Students interested in transferring should consult with UCC's math faculty and college advisors for help in planning a transfer curriculum. In addition, students should work closely with a representative from the institution(s) to which they may transfer.

MEDICAL IMAGING TECHNOLOGY

The UCC Medical Imaging transfer program prepares students for a Bachelor of Science Degree in Diagnostic Medical Sonography, Echocardiography, Nuclear Medicine Technology, Radiologic Science and Vascular Technology at Oregon Tech. Students transferring from UCC to OIT will be given full credit for all articulated courses.

Students must complete a minimum of 60 credits of upper-division work (300- and 400- level classes taken at a 4-year

TRANSFER PROGRAMS

institution) before a degree will be awarded - a minimum of 45 of these credits must be taken at OIT.

Students may guarantee program requirements by obtaining written approval from their OIT major department and the Registrar, based on the catalog the student uses when he/she transfers to OIT.

MEDICAL TECHNOLOGY

Medical Technology programs are available at Oregon Health Sciences University. For the OHSU program you may complete the first year at UCC, then transfer to any college or university providing pre-medical technology education. A three-year program is required prior to application for admission to the UO Medical School, which offers the fourth year.

MUSIC

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MUSIC STUDIES

The UCC Fine and Performing Arts Department offers a comprehensive two-year Music Studies program for vocal and instrumental students. It is approved for transfer to the University of Oregon School of Music, Southern Oregon University, Western Oregon University, and to liberal arts and education programs at most four-year colleges and universities. The coursework in Music Studies at UCC includes two (2) years of music theory and ear training, private lessons, and music literature. UCC award-winning performance groups include choir, band and orchestra, with groups specializing in both jazz and classical music. Additional classes are offered in jazz improvisation, music technology, jazz history, rock history, and world music.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

MUSIC: ENTERTAINMENT TECHNOLOGY

Entertainment Technology prepares graduates for careers in the entertainment industry as lighting and sound technicians, recording engineers, theater and auditorium managers, talent

agents, and equipment marketing representatives. Additional career options include film, radio, and television production, casino and theme park operations, music publishing, and all related performing arts production and management.

The program can be easily integrated with AA/OT requirements, and details are available at the UCC Music Department, Advising Center, and <http://www.umpqua.edu/music>. Students planning to transfer in entertainment technology should work closely with UCC faculty and advisors and representatives from the school(s) to which they may transfer.

NATURAL RESOURCES

This program prepares students for jobs in conservation science, wildlife biology, fisheries science, botany, forestry, watershed management and other fields related to natural resource science and conservation. Our Associate of Science degree in Natural Resources provides a foundation for <http://nr.forestry.oregonstate.edu/> OSU's Bachelor of Science degree in Natural Resources. After completing our Natural Resources AS, all of the remaining classes needed to fulfill OSU's Bachelor's degree requirements can be taken at UCC and through OSU's online Ecampus, making it possible to earn your BS in Natural Resources without relocating to Corvallis. See page 74 for more details, or visit <https://www.umpqua.edu/natural-resources> or <http://tinyurl.com/pfy2er> for OSU Ecampus information.

OUTDOOR RECREATION

The Outdoor Recreation program is designed to prepare students for careers in the growing fields of outdoor adventure, outdoor programming, outdoor and experiential education and the application of outdoor recreation.

Douglas County is a perfectly suited environment for this type of program. After completing the two-year degree requirements, students are encouraged to continue their education at either: Oregon State University Cascades (Bend) Campus, University of Idaho in Moscow, Eastern Washington University in Cheney, Humboldt State University in Arcata, CA, or Northern Arizona University in Flagstaff.

There are many career opportunities for outdoor recreation majors, including: tourism and leisure services (hostels, hotels, restaurants, resorts, guiding), municipal recreation (city and

school-based recreation programs); therapeutic recreation for special populations, and outdoor and adventure occupations.

Students planning to transfer in Outdoor Recreation should work closely with UCC advisors and representatives from the school(s) to which they may transfer. There may be special requirements for specific programs or schools.

PHILOSOPHY

Majors in Philosophy are offered at UO, OSU, and PSU. UCC offers coursework approved for transfer to these institutions.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

PHYSICS

The Physics major is available at UO, OSU, PSU, EOU, WOU and SOU. Programs of study offered at UCC are approved for transfer to these institutions.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools. Well-prepared entering students may take the following courses and then transfer upon completion of the first year.

POLITICAL SCIENCE

Political Science major programs are offered at UO, OSU, PSU, WOU, and SOU. Transfer programs at UCC are approved to meet lower division requirements at these institutions. A bachelor's degree and advanced degrees in political science can lead to careers in federal, state, or local government. The analytical and communications skills gained in the study of political science also lead many political science majors to pursue law degrees, careers in business, political party staffing and campaigning, journalism, and management.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

TRANSFER PROGRAMS

PRE-LAW

Most law schools (including UO) require a bachelor's degree as prerequisite for admission. They are not concerned about the applicant's major, but wish to see evidence of intellectual maturation. Therefore, most require that no more than ten% of the applicant's pre-legal education consist of "activity" courses of a "non-theoretical" nature. Keen analytical capabilities and well-developed writing skills are emphasized. Courses such as PS 201 and 202 relating to U.S. Government institutions, including courts and the law, can help the student to comprehend the role of law in American society and can provide the student with an opportunity to analyze real-life court decisions.

In selecting a pre-law major, students should consider the area to be selected for law practice: government, business and corporate, sciences, criminal justice, publishing, domestic relations, etc. Admission to law schools is based on academic achievement, employment experience, extra-curricular activities, and performance on the Law School Admission Test (LSAT).

Students should follow the transfer curriculum for the field of study and college or university in which they plan to complete the baccalaureate degree. After transfer, consult with the institution's pre-law advisor to plan upper division coursework.

PRE-PROFESSIONAL HEALTH CARE

Pre-Professional: Dentistry, Medical Technology, Medicine, Optometry, Pharmacy, Physical Therapy, Veterinary Medicine

Each course of study is designed to allow students to complete the first two years of a four-year pre-professional program at UCC. The students will then complete the remaining pre-professional prerequisites at a four-year college or university. The majority of students apply to the professional schools after earning a Bachelor's degree. The course work completed at UCC is applied towards a Bachelor's degree in a related field.

The first two years of course work includes prerequisites in mathematics, the sciences (such as chemistry and physics), the humanities and social sciences. Admission to most professional schools is highly competitive, and there are

only a few such programs available within the state of Oregon. Students completing one of these professional programs can expect to earn an excellent salary. Employment in these fields is expected to grow at faster rates than the average of other occupations.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

PSYCHOLOGY

Psychology majors are available at UO, OSU, PSU, EOU, WOU and SOU. UCC provides a transfer program for psychology which has been approved by these institutions. Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

RESPIRATORY CARE

The UCC Respiratory Care transfer program prepares students for a Bachelor of Science Degree at OIT. Students transferring from UCC to OIT will be given full credit for all articulated courses.

Students must complete a minimum of 60 credits of upper-division work (300- and 400- level classes taken at a 4-year institution) before a degree will be awarded — a minimum of 45 of these credits must be taken at OIT.

Students may guarantee program requirements by obtaining written approval from their OIT major department and the Registrar, based on the catalog the student uses when he/she transfers to OIT.

SOCIOLOGY/SOCIAL WORK

A Bachelor's degree in Sociology is offered at UO, OSU, PSU, EOU, and SOU. UCC provides a transfer program for sociology which has been approved by these institutions. Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.

SURVEYING AND GEOMATICS

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THEATRE ARTS

Theatre Arts students at UCC receive current, applicable training to competitively contribute as individually unique artists. Studies in acting and performance, design, and technical crafts are available. Quarterly shows offer opportunities for participants of all levels. Students generally take a range of acting and design classes to transfer timely to a university and complete a BA or BFA degree. In addition, students work on the shows in various positions to gain experience that prepares them for internships and jobs in their specific fields. More information is available at www.umpqua.edu/theatre. Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be specific requirements for specific programs or schools.

WORLD LANGUAGES

World languages introduce students to the larger global community and allow them to communicate effectively in the larger arena by mastering the four major language skills: listening, speaking, reading, and writing. The study of a World Language strengthens and reinforces critical thinking and fosters patience and perseverance — valuable skills in today's workplace.

Students studying world languages enhance their career possibilities, often combining World Languages with other career fields such as Business, International Relations, Journalism, Law, Medicine, and Tourism. In today's global market, "bilingual" on a resume page is a ticket to a brilliant future!

Majors in a World Language are offered at UO, OSU, PSU, SOU, EOU, and WOU. UCC offers coursework approved for transfer to these institutions. The UCC World Language Department offers students the opportunity to study abroad through an immersion experience.

Students planning to transfer should work closely with UCC faculty and advisors, and with representatives from the receiving college or university. There may be special requirements for specific programs or schools.