

TRANSFER DEGREES AND OPTIONS OVERVIEW

One of the best places to begin a bachelor's degree is at a community college. UCC offers many of the freshman and sophomore courses students will find at universities, allowing them to stay close to home and complete courses at a fraction of the cost. UCC offers a number of options for building programs that allow a student to transfer to another college or university, including the Oregon Transfer Compass/Core Transfer Map, Oregon Transfer Module (OTM), Associate of Arts-Oregon Transfer (AA/OT), Associate of Science (AS), or Associate of General Studies (AGS). Agreements are in place for all Oregon public colleges and universities, some Oregon private colleges and universities, and even some out-of-state schools.

Students will want to work closely with their academic and faculty advisors to develop a program of study that takes full advantage of UCC's offerings and transfers smoothly to the four-year institution of their choice. Advisors will help students refine their goals and identify courses that meet their interests and transfer appropriately. Students should begin by reviewing the existing transfer degree programs to see if any meet their needs. If a student is undecided, work with an advisor to build a custom program beginning with the general education core.

Note that completing any of these programs does not guarantee acceptance to a target institution. Students will still be required to meet all admissions requirements, such as SAT/ACT testing and completion of an acceptable second language.

Core Transfer Module

Core Transfer Maps are broad descriptions of course requirements for students at any Oregon community college or public university. Students who have not yet declared a major and plan to transfer may take classes that fit these categories at any Oregon community college and expect all classes to transfer and meet at least 30 credits of general education requirements for a bachelor's degree at any Oregon public university. Note that many majors have specific course requirements for categories within the Core Transfer Maps. The Core Transfer Maps are intended as starting points for students who plan to transfer to a university but are unsure of their intended major or transfer destination. Students who are certain of their major, but not their transfer destination, should determine if there is a developed Major Transfer Map for their chosen discipline, and follow that as a guide. Students who are certain of both their major and their intended transfer destination should consult an advisor for information on an existing specific articulation agreement, Major Transfer Map, or degree map that will prescribe their course requirements.

Oregon Transfer Module

The Oregon Transfer Module (OTM) is an approved 45-unit subset 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 100- and 200 level general education requirements as 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 institution to another. Any student holding an Oregon Transfer Module that conforms to the guidelines will have met the requirements for the Transfer Module at any Oregon community college or public university. Upon transfer, the receiving institution may specify additional course work that is required for a major or for degree requirements or to make up the difference between the Transfer Module and the institution's total General Education requirements.

Associate of Arts – Oregon Transfer

An Associate of Arts-Oregon Transfer degree that conforms to the established guidelines will transfer as a block to any institution in the Oregon University System and will meet the lower division general education requirements for that institution's baccalaureate degree programs. Students transferring under this agreement will have junior standing for registration purposes, however course, class standing, or GPA requirements for specific majors, department, or schools may not necessarily be satisfied by an Associate of Arts Oregon Transfer degree. Upon transfer, the receiving institution may specify additional course work that is required for a particular major or degree. Students are strongly encouraged to consult their UCC academic and/or faculty advisor and the intended transfer institution to determine appropriate course choices.

Associate of Science

The Associate of Science (AS) degree is designed for students planning to transfer credits to a baccalaureate degree program. The degree requirements allow students more flexibility in course selection, allowing them to focus on their major requirements. 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 (i.e., this is not a block transfer degree as is the AA/OT). There are no majors within this degree.

Students are strongly encouraged to consult their UCC academic and/or faculty advisor, the specific transfer curriculum pages in this catalog, and the intended transfer institution to determine appropriate course choices.

Associate of General Studies

This flexible degree option enables a student to complete an Associate 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 a UCC advisor.

Transfer Education Areas of Focus

Students can begin a bachelor's degree at UCC by completing many of the freshman and sophomore courses in the transfer areas listed below. All transfer students should work closely with UCC advisors and faculty, as well as representatives of the colleges and/or universities in which they may transfer to.

Arts and Communications

Business

Computer Science & Technology

Science, Math & Engineering

Social Science & Education

Health Sciences & Emergency Services

Human Services, Criminal Justice, & Paralegal

Forestry & Natural Resources

All transfer students should work closely with their UCC advisor. Students should also work with representative from their colleges and/or universities in which they may transfer to. Additional information pertaining to transfer areas of study may be found at umpqua.edu/areas-of-study.

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/ASOT, students should be able to:

ARTS AND LETTERS

- 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; and
- 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.

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; and
- 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; and
- 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.

GENERAL EDUCATION CORE

Oregon Transfer Compass, Core Transfer Map

PROGRAM DESCRIPTION

The General Education Core is designed to provide at least 30 credits of general education requirements for transfer to a bachelor's degree at any Oregon public university. It is intended as a starting point for students who plan to transfer to a university but are unsure of their intended major or transfer destination.

PROGRAM OUTCOMES

Students who successfully complete the General Education Core will be able to:

1. Communicate clearly and purposefully with awareness of the needs of different audiences and situations
2. Analyze data quantitatively as the basis for valid and reliable inferences to draw reasonable and appropriate conclusions
3. Identify and analyze complex cultural and artistic perspectives, practices, and products and their roles in society
4. Apply principles of scientific inquiry to natural and social systems
5. Analyze issues of identity and difference, power and privilege, to promote diversity, inclusion, and equity

PROGRAM COURSE REQUIREMENTS

Year One

WR 121	Academic Composition	4
Arts and Letters from AA/OT listing 2 courses		6-8
Social Sciences from AA/OT listing 2 courses		6-8
Sciences from AA/OT listing 2 courses		6-8
Mathematics from AA/OT listing 1 course		4-5

Additional Requirements

- At least one course must also meet Cultural Literacy outcomes.
- At least one Science course must include a lab.
- If the credit total for the required courses is less than 30 credits, select a course of choice from the AA/OT outcome courses

PROGRAM ENTRANCE REQUIREMENTS

Academic Entrance Requirement

Recommended:

- High school diploma or GED
- Minimum placement scores resulting in WR 121 Academic Composition placement ("C" or better)
- Minimum placement scores resulting in MTH 065 Algebra II placement or completion of MTH 060 Algebra I ("C" or better)

ADDITIONAL PROGRAM INFORMATION

1. Students should work closely with UCC advisors and faculty to select appropriate courses.
2. The General Education Core is not a separate program but will be notated on transcripts as a block when the core is complete.
3. See oregon.gov/highered/policy-collaboration/Documents/Transfer-Credit/2998/Core-Transfer-Maps-One-pager.pdf for more information.

OREGON TRANSFER MODULE

OTM

PROGRAM DESCRIPTION

The Oregon Transfer Module (OTM) is an approved 45-unit subset of general education courses (foundational skills and introduction to discipline courses) that are common among Oregon's colleges and universities. It is designed to improve student access to a college degree by enhancing opportunities for the transfer of credits earned at one institution to another.

PROGRAM OUTCOMES

Students who successfully complete the OTM will:

1. Meet the General Education outcomes
2. Have a block of credits that transfer to Oregon public colleges and universities

PROGRAM COURSE REQUIREMENTS

Complete the General Education Core (see facing page) 30-33

ORAL COMMUNICATION Choose one from:

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

WRITING Choose one from:

WR 122	Argument, Research, and Multimodal Composition	4
WR 227	Technical Writing	4

One additional course from the approved list in each of the following:

Arts and Letters	3-5
Sciences or Math or Computer Science	4-5
Social Sciences	3-5

Additional Requirements

- No course substitutions are allowed.
- No course may be used to satisfy requirements in more than one area

PROGRAM ENTRANCE REQUIREMENTS

Academic Entrance Requirement

Recommended:

- High school diploma or GED
- Minimum placement scores resulting in WR 121 Academic Composition placement ("C" or better)
- Minimum placement scores resulting in MTH 065 Algebra II placement or completion of MTH 060 Algebra I ("C" or better)

ADDITIONAL PROGRAM INFORMATION

1. Students should work closely with UCC advisors and faculty to select appropriate courses.
2. The OTM is not a separate program but will be notated on transcripts as a block when the core is complete.
3. See: [handbook.ccwwebforms.net/handbook/definitions/associate-degrees/oregon-transfer-module-\(otm\)](http://handbook.ccwwebforms.net/handbook/definitions/associate-degrees/oregon-transfer-module-(otm)) for more information.

ASSOCIATE OF GENERAL STUDIES

AGS

PROGRAM DESCRIPTION

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. 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 chosen from the approved list. Although it is not required, students are encouraged to complete the General Education Core and OTM as part of their AGS.

PROGRAM OUTCOMES

Students who successfully complete the AGS will complete a recognized degree while compiling credits to transfer to another college and university.

PROGRAM COURSE REQUIREMENTS

General Requirements

PSY 101	Psychology of Human Relations	3
WR 121	Academic Composition	4

MATHEMATICS Choose one from:

BA 180	Business Mathematics I	3
MTH 105	Math in Society	4
MTH 111 or above		4-5

Discipline Studies Requirements

At least one additional course from the approved list in each of the following:

Arts and Letters	3-5
Sciences or Math or Computer Science	4-5
Social Sciences	3-5

Additional Requirements

- No course substitutions are allowed.
- No course may be used to satisfy requirements in more than one area.
- All courses must be at least three credits each.

ADDITIONAL PROGRAM INFORMATION

1. Students should work closely with UCC advisors and faculty to select appropriate courses.
2. "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.

3. 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.
4. Courses used to satisfy AGS degree requirements must be on the approved list on pages 40-41.

ASSOCIATE OF SCIENCE

AS

PROGRAM DESCRIPTION

The Associate of Science (AS) degree is designed for students planning to transfer credits to a baccalaureate degree program. The degree requirements allow students more flexibility in course selection, allowing them to focus on their major requirements. 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 (i.e., this is not a block transfer degree as is the AA/OT). There are no majors within this degree.

Students are strongly encouraged to consult their UCC academic and/or faculty advisor, the specific transfer curriculum pages in this catalog, and the intended transfer institution to determine appropriate course choices.

PROGRAM OUTCOMES

Please see specific outcomes on the individual AS degree pages. Listed below are the General Education requirements included in Associate of Science programs; additional courses are listed starting on pages 40-41 under the specific degree program.

PROGRAM COURSE REQUIREMENTS

General Requirements (23-26 credits)

MATHEMATICS:

MTH 105	Math in Society	4
or higher		

ORAL COMMUNICATIONS: Choose one from:

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

WRITING

WR 121	Academic Composition	4
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Choose one from:

WR 122	Argument, Research, and Multimodal Composition	4
WR 227	Technical Writing	4

Discipline Studies Requirements

At least one additional course from the approved list in each of the following:

Arts and Letters	3-5
Social Sciences	3-5
Sciences or Math or Computer Science	4-5

CULTURAL LITERACY:	3
3 credits from a course defined as meeting Cultural Literacy. This course may also be used to satisfy one of the requirements listed above.	

Additional Requirements

- No course substitutions are allowed.
- No course may be used to satisfy requirements in more than one area.

ADDITIONAL PROGRAM INFORMATION

1. "Associate of Science" appears on the student's transcript. Specific program designation or focus does not appear on the student's transcript or degree.
2. To complete an AS at UCC, 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.
3. 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.

ASSOCIATE OF ARTS/ OREGON TRANSFER

AA/OT

PROGRAM DESCRIPTION

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. This degree provides for "block transfer" and 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, as well as requirements for admissions, foreign language, and cultural literacy.

PROGRAM COURSE REQUIREMENTS

Foundational Requirements

HEALTH/WELLNESS/FITNESS:

HPE 295	Wellness & Health Assessment	3
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MATHEMATICS:

MTH 105 or higher		4-5
(from the approved MTH courses listed on page 40)		

ORAL COMMUNICATIONS: Choose one from:

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

WRITING

WR 121	Academic Composition	4
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Choose one from:

WR 122	Argument, Research, and Multimodal Composition	4
WR 227	Technical Writing	4

Discipline Studies Requirements

ARTS AND LETTERS

Must take at least three courses, chosen from at least two disciplines from the approved list on page 40.

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 page 40.

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 page 41.

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 page 41, and a maximum of 12 credits of PE activity courses.

CULTURAL LITERACY

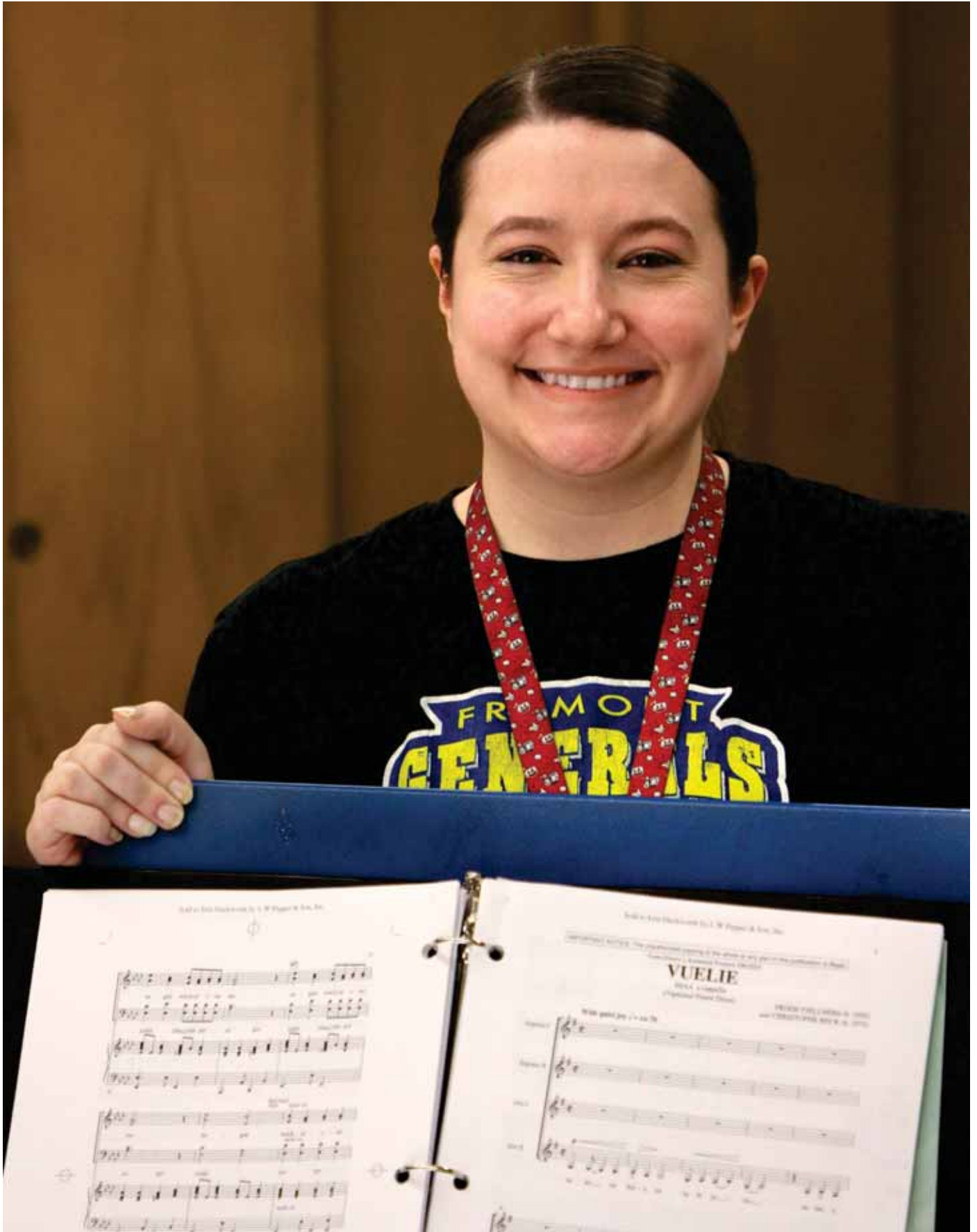
At least one of the Discipline Studies courses above must be designated as meeting the criteria for Cultural Literacy. This course is not an additional course — it would also meet Foundational, Discipline or Elective requirements.

Additional Requirements

- No course substitutions are allowed.
- No course may be used to satisfy requirements in more than one area.
- All foundational requirement and discipline studies requirement courses used must be at least three credits.

ADDITIONAL PROGRAM INFORMATION

1. 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.
2. To complete an AA/OT at UCC, a minimum of 24 credits must be earned through UCC and two terms of attendance must have occurred at UCC.



2021 - 2022 UCC PROGRAM ADVISING SHEET

Minimum 90 credits with a grade of "C" or higher needed to satisfy AAOT requirement. Unless noted, courses offered at three 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.

AREA 1: FOUNDATIONAL REQUIREMENTS

REQUIRED TO COMPLETE AAOT WRITING, SPEECH, HEALTH & PHYSICAL EDUCATION AND MATH:

____ WR 121 Academic Composition (4)
 ____ WR 122 Argument, Research, and Multimodal Composition (4)*
 OR

____ WR 227 Technical 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)
 ____ ART 120: Artists' Books++
 ____ ART 134: Illustrating Nature
 ____ ART 204, 205, 206: History of Western Art I, II, III++ (4)
 ____ ART: One 3-credit studio art # 100 & above
 ____ ENG 104, 105, 106: Introduction to Literature++ (4) ea. yr.
 ____ ENG 107, 108, 109: World Literature (4)
 ____ ENG 201, 202: Shakespeare (4)
 ____ ENG 204, 205, 206: Survey of English Literature (4)
 ____ ENG 230: Environmental Literature ++ (4)
 ____ ENG 250: Introduction to Mythology (4)
 ____ ENG 253, 254, 255: Survey of American Lit++ (4)
 ____ ENG 260: Introduction to Women's Literature (4)
 ____ ENG 288: Cultural Diversity – American Lit++ (4)
 ____ FA 256: American Film History (4)
 ____ Language 201, 202, 203: SPAN++ (4)
 ____ J 205: Introduction to Public Relations
 ____ J 215: Journalism Production
 ____ J 251: Writing for the Media
 ____ MUS 105: History of Rock Music
 ____ MUS 161: Jazz Improvisation
 ____ MUS 201, 202, 203: Introduction to Music and Its Literature
 ____ MUS 204: Music of the World
 ____ MUS 205: Introduction to Jazz History
 ____ SP 105: Listening
 ____ SP 111: Fundamentals of Public Speaking (4)
 ____ SP 112: Persuasive Speech
 ____ SP 218: Interpersonal Communication++
 ____ SP 219: Small Group Discussion
 ____ SP 237: Gender Communication++
 ____ TA 271: Introduction to Theatre (4)

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 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)
 ____ 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)*
 ____ FES 240: Forest Biology (4)
 ____ FES 241: Dendrology (4)
 ____ FOR 234: GIS 1 Introduction to Geographic Information Systems (4)
 ____ FOR 235: GIS II Data Analysis and Applications (4)
 ____ G 180: Regional Field Geology (4)
 ____ G 201, 202, 203: General Geology (4)
 ____ 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)
 ____ 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*

*Area 3 Courses WITHOUT Labs:

____ BI 222: Introduction to Genetics*
 ____ CS 160: Introduction 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 112A: Problem Solving and Technology*
 ____ ENGR 201, 202: Electrical Fundamentals (4)
 ____ ENGR 203: Electrical Fundamentals – Signals and Controls (4)*
 ____ ENGR 211: Statics (4)*
 ____ ENGR 212: Dynamics (4)*
 ____ ENGR 213: Strength of Materials (4)*
 ____ FES 261: Recreation Resource Management (4)
 ____ FN 225: Human Nutrition (4)
 ____ FOR 111: Introduction to Forestry (3)
 ____ G 140: Geologic Disasters (3)
 ____ MTH 105: Math in Society (4)*
 ____ MTH 111: College Algebra (5)*
 ____ MTH 112: Elementary Functions (4)*

APPROVED COURSE LISTINGS

ARTS & 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)
ENG 104*, 105*, 106*	Introduction 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	Introduction to Mythology (4)
ENG 253*, 254*, 255*	Survey of American Lit. (4, 4, 4)
ENG 260	Introduction 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	Introduction to Music & Its Literature (3, 3, 3)
MUS 204	Music of the World (3)
MUS 205	Introduction to Jazz History (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 271	Introduction to Theatre (4)
WR 241, 242, 243	Creative Writing (4, 4, 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 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)
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 112A	Problem Solving and Technology (3)
ENGR 112B	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)
FES 240	Forest Biology (4)
FES 241	Dendrology (4)
FN 225	Human Nutrition (4)
FOR 111	Introduction to Forestry (3)
FOR 234	GIS I Introduction to Geographic Information Systems (3)
G 140	Volcanoes, Earthquakes and other Geologic Disasters (3)
G 180	Regional Field Geology (4)
G 201, 202, 203	General Geology (4, 4, 4)
G 221	Environmental Geology (4)
GIS 203	Digital Earth and Geospatial Concepts (4)
GIS 234	GIS I Introduction 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)
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)
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 201	Introduction to Natural Resources (3)
NR 221	Water Resource Science (4)
NR 251	Principles of Fish and Wildlife Conservation (3)
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)

SOCIAL SCIENCES

CJ 101	Introduction to Criminology (3)
CJ 110	Introduction to Law Enforcement (3)
CJ 114*	Cultural Diversity Issues in Criminal Justice (3)
CJ 130	Introduction to Corrections (3)
CJ 275	Comparative Criminal Justice Systems (3)
ECON 201	Microeconomics (4)
ECON 202	Macroeconomics (4)
GIS 203	Digital Earth and Geospatial Concepts (4)
GIS 234 (4)	GIS I Introduction to Geographic Information Systems
GIS 235	GIS II Data Analysis and Applications (4)
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)
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*	General Psychology (4,4)
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)

* meets AA/OT Cultural Literacy Requirement

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 150	Developing a Small Business
BA 151	Practical Accounting I
BA 152	Practical Accounting II
BA 165	Customer Service
BA 180	Business Mathematics I
BA 181	Business Mathematics II
CIS XXX	Introduction to Digital Literacy (except CIS 120)
CWE XXX	Cooperative Work Experience
CJ 100X	Law Enforcement Skills Training
DA XXX	Dental Assisting
DRF XXX	Drafting Technology
ECE 104	ECE Seminar & Practicum IV
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
SDP XXX	Supervision
TTL XXX	Truck Driving
VC XXX	Visual Communications
WLD XXX	Welding
WQT XXX	Water Quality Treatment
XXX 280X	Cooperative Work Experience

NOTE: XXX refers to any course in a given category