

# ASSOCIATE OF SCIENCE (AS)

The Associate of Science (AS) degree is designed for students who plan to transfer and complete a Bachelor of Science degree at a four-year institution. The degree requirements allow students more flexibility in course selection, allowing them to focus on their discipline requirements.

*NOTE: Completion of this degree does not guarantee that all lower division general education requirements have been met for a bachelor's degree (i.e., this is not a block transfer degree as is the AA/OT). In selecting courses for this degree, students are highly encouraged to consult the specific transfer curriculum pages in this catalog, a faculty advisor, the University Center (<https://www.socc.edu/uc>), and the institution to which they intend to transfer in order to determine if it is an appropriate choice. Students are encouraged to complete an articulation agreement with the school they intend to transfer to.*

The following curricula are governed by formal transfer agreements with specific four-year universities and must be followed specifically to satisfy AS degree requirements:

- Childhood Education and Family Studies
- Criminal Justice
- Elementary Education
- Fire Science
- Forestry
- Marine Biology
- Natural Resources

## Graduation Requirements

Complete a minimum of 90 credit hours of specified courses with a minimum Grade Point Average (GPA) of 2.0 or better. All courses counting towards the degree must have a grade of 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the AS degree is awarded.

Complete elective courses to reach a total of 90 credits. The courses must be numbered 100 or above. Career technical courses may only be applied to the AS degree in the following curricula which are governed by formal transfer agreements with four-year universities and are part of a current, formal transfer agreement with a four-year institution. Career technical courses offered at Southwestern are designated by "CTE" in the course description section of this catalog.

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

## General Education Requirements

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

### Writing

**Six (6) credit hours at a level equivalent to:**

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

WR227	Report Writing	3
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### Communication

**One (1) course taken from**

Code	Title	Credits
SP100	Basic Speech Communications	3
SP111	Fundamentals of Public Speaking	3
SP218	Interpersonal Communication	3
SP219	Small Group Discussion	3

### Mathematics

**Select four (4) credit hours of college level mathematics** from MTH105 Math in Society or higher, excluding MTH211 Fundamentals of Elementary.

### Health, Wellness and Fitness

**Three (3) credits of health/PE:** three (3) credits of PE 185 sport/activity courses or HE250 Personal Health or PE231 Wellness for Life.

## Distribution Requirements

Complete six (6) credits from each of the following Related Area of Instruction Requirements. All courses must be completed with a grade of 'C' or better.

### Arts and Letters

**Six (6) credit hours from:**

*Only second year foreign language may be used to fulfill the Arts and Letters requirement.*

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

ENG104	Introduction to Literature Fiction	3	ANTH223	Intro to Cultural Anthropology	3
ENG105	Introduction to Literature Drama	3	ANTH224	Intro to Medical Anthropology	3
ENG106	Introduction to Literature Poetry	3	ANTH230	Native North Americans: Oregon	3
ENG107	World Literature	3	ANTH231	Native North Americans: PNW	3
or ENG107H	World Literature w/Honors		ANTH232	Native North Americans	3
ENG108	World Literature	3	CJ101	Intro to Criminology	4
ENG109	World Literature	3	ECON201	Microeconomics	4
ENG201	Shakespeare	3	ECON202	Macroeconomics	4
ENG204	Survey of English Literature	3	ED169	Overview of Student Special Needs	3
or ENG204H	Survey of English Lit w/Honors		ED258	Multicultural Education	3
ENG205	Survey of English Literature	3	GEOG105	Cultural Geography	3
ENG206	Survey of English Literature	3	HDFS140	Contemporary American Families	3
HUM204	World Mythlgy & Religion	3	HDFS222	Family Relations	3
HUM205	World Mythlgy & Religion	3	HDFS229	Development in Middle Childhood	3
HUM206	World Mythlgy & Religion	3	HDFS247	Preschool Child Development	3
J203	Writing for Media I	3	HST101	History of Western Civilization	3
J205	Writing for Media II	3	HST102	History of Western Civilization	3
J215	Publishing Lab	3	HST103	History of Western Civilization	3
MUS101	Music Fundamentals	3	HST104	History of the Middle East	3
MUS111	Music Theory I	3	HST201	History of the United States	3
MUS112	Music Theory II	3	HST202	History of the United States	3
MUS113	Music Theory III	3	HST203	History of the United States	3
MUS201	Intro to Music and its Literature	3	HST240	Hist of Oregon and the South Coast	3
MUS202	Intro to Music and its Literature	3	PS201	American Government Political	3
MUS203	Intro to Music and its Literature	3	PS202	American Government Policy Issues	3
MUS205	Intro to Jazz History	3	PS203	Local Politics and Government	3
MUS206	Intro to History of Rock and Roll	3	PSY100	Introduction to Psychology	4
MUS211	Advanced Music Theory I	3	PSY201	General Psychology	3
MUS212	Advanced Music Theory II	3	or PSY201H	General Psychology w/Honors	
MUS213	Advanced Music Theory III	3	PSY202	General Psychology	3
PHL101	Introduction to Philosophy	3	or PSY202H	General Psychology w/Honors	
PHL102	Ethics	3	PSY203	General Psychology	3
PHL103	Intro to Logic and Critical Thnkg	3	or PSY203H	General Psychology w/Honors	
SP100	Basic Speech Communications	3	PSY216	Social Psychology	3
SP111	Fundamentals of Public Speaking	3	PSY228	Introduction to Social Science	3
SP218	Interpersonal Communication	3	PSY231	Human Sexuality	3
SP219	Small Group Discussion	3	PSY237	Life Span Development	3
SP220	Gender and Communication	3	PSY239	Introduction to Abnormal Psychology	3
SPAN201	Second Year Spanish	4	SOC105	Introduction to Criminology	4
SPAN202	Second Year Spanish	4	SOC204	Introduction to Sociology	3
SPAN203	Second Year Spanish	4	SOC205	Social Institutions and Change	3
WR241	Imaginative Creative Writing	3	SOC206	Social Problems and Issues	3
WR242	Imaginative Writing Poetry Writing	3	SOC208	Sociology of Sport	3
WR243	Imaginative Writing Explorations	3	SOC210	Marriage and Family	3
			SOC213	Racial and Ethnic Relations	3
			WS101	Introduction to Women's Studies	3

## Social Sciences

Six (6) credit hours from:

Code	Title	Credits
ANTH101	Physical Anthropology and Evolution	3
ANTH102	Introduction to Archaeology	3
ANTH221	Intro to Cultural Anthropology	3
ANTH222	Intro to Cultural Anthropology	3

## Science/Mathematics/Computer Science

Six (6) credit hours from:

### Laboratory Courses

Code	Title	Credits
BI101	General Biology	4

BI102	General Biology	4	MTH241	Calculus for Bus and Soc Science I	4
BI103	General Biology	4	MTH242	Calculus for Bus and Soc Science II	4
BI142	Habitats: Marine Biology	4	MTH243	Intro to Probability and Statistics	4
BI201	Introductory Biology	4	MTH251	Calculus I Differential Calculus	4
BI202	Introductory Biology	4	or MTH251H	Calculus I w/Honors	
BI203	Introductory Biology	4	MTH252	Calculus II Integral Calculus	4
BI231	Human Anatomy and Physiology I	4	or MTH252H	Calculus II w/Honors	
BI232	Human Anatomy and Physiology II	4	MTH253	Calculus III	4
BI233	Human Anatomy and Physiology III	4	or MTH253H	Calculus III w/Honors	
BI234	Microbiology	4	MTH254	Vector Calculus I	4
CHEM221	General Chemistry I	5	MTH255	Vector Calculus II	4
CHEM222	General Chemistry II	5	MTH256	Differential Equations	4
CHEM223	General Chemistry III	5	MTH260	Matrix Methods and Linear Algebra	4
ENV235	Introduction to Soil Science	4			
G201	Physical Geology I	4			
G202	Physical Geology II	4			
G203	Historical Geology	4			
GS104	Physical Science	4			
GS105	Physical Science	4			
GS106	Introduction to Earth Science	4			
GS107	Astronomy	4			
GS108	Oceanography	4			
PH201	Gen Physics I: Mechanics	5			
PH202	Gen Physics II: Heat, Waves, Rel	5			
PH203	Gen Physics III: Elect & Magnetism	5			
PH211	Gen Physics w/Calculus I	5			
PH212	Gen Physics w/Calculus II	5			
PH213	Gen Physics w/Calculus III	5			

### Other Approved Courses

Code	Title	Credits
BI140	Practical Ecology	3
BI149	Introduction to Human Genetics	3
CHEM110	Found of Gen, Organic & Biochem	4
or CHEM110H	Fnds of Gen, Org & Biochem w/Honors	
CS160	Computer Science Orientation	4
CS161	Introduction to Computer Science I	4
CS162	Introduction to Computer Science II	4
CS261	Data Structures	4
ENV110	Introduction Environmental Science	3
G146	Geology of Southwestern Oregon	3
G207	Geology of the Pacific Northwest	3
G221	General Geology	3
G246	Geological Hazards	3
MTH105	Math in Society	4
MTH111	College Algebra	4
or MTH111H	College Algebra w/Honors	
MTH112	Trigonometry	4
or MTH112H	Trigonometry w/Honors	
MTH212	Fundamentals of Elementary	4
MTH213	Fundamentals of Elementary	4
MTH231	Elements of Discrete Mathematics I	4
MTH232	Elements of Discrete Mathematics II	4

## Electives

- All courses must be completed with a grade of 'C' or better.
- Students may take any college-level course that would bring total credits to 90 quarter hours. Career and Technical Education courses may only be applied to the AS degree in the designated emphasis areas which are governed by agreements with four-year universities and are part of a current, formal transfer agreement with a four-year institution (see specific catalog program page).
- A maximum of nine (9) credits of PE185 sport/activity courses may be applied to the AS degree.
- Three (3) credit hours of PE185 sport/activity courses may be granted toward an AS degree for completion of military basic training. A copy of the military transcript or DD-214 is required.
- Courses numbered 199/299 will qualify as elective credit only.
- A maximum number of 45 credits is allowed for basic, developmental, or supportive courses under federal financial aid guidelines.