

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 AAOT). In selecting courses for this degree, students are highly encouraged to consult the specific transfer curriculum pages in this catalog, an advisor, and the institution to which they intend to transfer in order to determine if it is an appropriate choice.

GRADUATION REQUIREMENTS

Students must complete a minimum of 90 credit hours of specified courses with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the 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. All Honors courses may substitute for their equivalent requirements.

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

Eight (8) credits of writing are required, so choose **two (2) courses** from below. Information Literacy will be included in the writing requirement:

| Code | Title | Credits |
|---------------------|-------------------------------------|---------|
| WR121Z | Composition I | 4 |
| WR122Z or WR227Z | Composition II Technical Writing | 4 |

COMMUNICATION

One (1) course taken from:

| Code | Title | Credits |
|----------|-------------------------------|---------|
| COMM100Z | Introduction to Communication | 4 |
| COMM111Z | Public Speaking | 4 |
| COMM218Z | Interpersonal Communication | 4 |
| COMM219 | Small Group Discussion | 4 |

MATHEMATICS

Select four (4) credit hours of college-level mathematics from MTH105 or higher, excluding MTH211.

HEALTH, WELLNESS, AND FITNESS

Three (3) credits of health/PE: Three (3) credits of PE185 sport/activity courses or HE250 or PE231.

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 of Art and Principles of Design | 4 |
| ART116 | Basic Design II, Color Theory | 4 |
| ART117 | Basic Design III, Intro to 3D Desgn | 4 |
| ART131 | Introduction to Drawing I | 3 |
| ART132 | Introduction to Drawing II | 3 |
| ART133 | Introduction to Drawing III | 3 |
| ART191 | Beginning Sculpture | 3 |
| ART192 | Beginning Sculpture | 3 |
| ART204 | History of Western Art: Introduction to Art History | 3 |
| ART205 | History of Western Art: Introduction to Art History | 3 |
| ART206 | History of Western Art: Introduction to Art History | 3 |
| ART225 | | 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 |
| COMM100Z | Introduction to Communication | 4 |
| COMM111Z | Public Speaking | 4 |
| COMM218Z | Interpersonal Communication | 4 |
| COMM219 | Small Group Discussion | 4 |
| COMM220 | Gender And Communication | 4 |
| ENG104 | Introduction to Literature Fiction | 3 |
| ENG105 | Introduction to Literature Drama | 3 |
| ENG106 | Introduction to Literature Poetry | 3 |

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|---------|---|---|---------|---|---|
| ENG107 | World Literature | 3 | ANTH231 | Native North Americans: PNW | 3 |
| ENG108 | World Literature | 3 | ANTH232 | Native North Americans | 3 |
| ENG109 | World Literature | 3 | CJ101 | Intro to Criminology | 4 |
| ENG201 | Shakespeare | 3 | ECON201 | Microeconomics | 4 |
| ENG204 | Survey of English Literature | 3 | ECON202 | Macroeconomics | 4 |
| ENG205 | Survey of English Literature | 3 | ED169 | Overview of Student Special Needs | 3 |
| ENG206 | Survey of English Literature | 3 | ED258 | Multicultural Education | 3 |
| ENG253 | Survey of American Literature | 3 | GEOG105 | Cultural Geography | 3 |
| ENG254 | Survey of American Literature | 3 | HDFS140 | Contemporary American Families | 3 |
| ENG255 | Survey of American Literature | 3 | HDFS222 | Understanding Families: Supporting Diversity Disability and Risk | 3 |
| HUM204 | World Mythology & Religion | 3 | HDFS229 | Child Development PreK - Adolescent | 3 |
| HUM205 | World Mythology & Religion | 3 | HDFS247 | Child Development 0-8 | 3 |
| HUM206 | World Mythology & Religion | 3 | HST101 | History of Western Civilization | 3 |
| MUS101 | Music Fundamentals | 3 | HST102 | History of Western Civilization | 3 |
| MUS111 | Music Theory I | 3 | HST103 | History of Western Civilization | 3 |
| MUS112 | Music Theory II | 3 | HST104 | History of the Middle East | 3 |
| MUS113 | Music Theory III | 3 | HST195 | History of the Vietnam War | 3 |
| MUS201 | Intro to Music and its Literature | 3 | HST201 | History of the United States | 3 |
| MUS202 | Intro to Music and its Literature | 3 | HST202 | History of the United States | 3 |
| MUS203 | Intro to Music and its Literature | 3 | HST203 | History of the United States | 3 |
| MUS205 | Intro to Jazz History | 3 | HST240 | Hist of Oregon and the South Coast | 3 |
| MUS206 | Intro to History of Rock and Roll | 3 | PS201 | American Government: Political Institutions | 3 |
| MUS211 | Advanced Music Theory I | 3 | PS202 | American Government: Policy Issues | 3 |
| MUS212 | Advanced Music Theory II | 3 | PS203 | Local Politics and Government | 3 |
| MUS213 | Advanced Music Theory III | 3 | PS205 | International Relations: US Foreign Policy in the 20th Century | 3 |
| PHL101 | Introduction to Philosophy: Philosophical Problems | 3 | PSY100 | Introduction to Psychology | 4 |
| PHL102 | Ethics | 3 | PSY201 | General Psychology | 3 |
| PHL103 | Intro to Logic and Critical Thnkg | 3 | PSY202 | General Psychology | 3 |
| SPAN201 | Second Year Spanish | 4 | PSY203 | General Psychology | 3 |
| SPAN202 | Second Year Spanish | 4 | PSY216 | Social Psychology | 3 |
| SPAN203 | Second Year Spanish | 4 | PSY228 | Introduction to Social Science Research | 3 |
| WR241 | Imaginative Creative Writing Fiction | 3 | PSY231 | Human Sexuality | 3 |
| WR242 | Imaginative Writing Poetry | 3 | PSY237 | Life Span Development | 3 |
| WR243 | Imaginative Writing Explorations | 3 | PSY239 | Introduction to Abnormal Psychology | 3 |
| TA141 | Acting I | 3 | SOC204 | Introduction to Sociology | 3 |
| TA142 | Acting II | 3 | SOC205 | Social Institutions and Change | 3 |
| TA143 | Acting Iii | 3 | SOC206 | Social Problems and Issues | 3 |
| TA153 | Rehearsal/Performnc | 3 | SOC208 | Sociology of Sport | 3 |
| | | | SOC210 | Marriage and Family | 3 |
| | | | SOC213 | Racial and Ethnic Relations | 3 |
| | | | SOC218 | Sociology of Gender | 3 |

SOCIAL SCIENCES

Six (6) credit hours from:

| Code | Title | Credits |
|---------|-------------------------------------|---------|
| ANTH201 | Physical Anthropology and Evolution | 3 |
| ANTH202 | Introduction to Archaeology | 3 |
| ANTH203 | Language and Culture | 3 |
| ANTH221 | Intro to Cultural Anthropology | 3 |
| ANTH222 | Cultural Anthropology II | 3 |
| ANTH223 | Cultural Anthropology III | 3 |
| ANTH224 | Intro to Medical Anthropology | 3 |
| ANTH230 | Native North Americans: Oregon | 3 |

SCIENCE/MATHEMATICS/COMPUTER SCIENCE

Six (6) credit hours from:

Laboratory Courses

| Code | Title | Credits |
|-------|-----------------|---------|
| BI101 | General Biology | 4 |
| BI102 | General Biology | 4 |
| BI103 | General Biology | 4 |

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|---------|---|---|----------|---|---|
| BI142 | Habitats: Marine Biology | 4 | MTH252 | Calculus II Integral Calculus | 4 |
| BI201 | Introductory Biology | 4 | MTH253 | Calculus III Infinite Sequences And Series | 4 |
| BI202 | Introductory Biology | 4 | MTH254 | Vector Calculus I | 4 |
| BI203 | Introductory Biology | 4 | MTH255 | Vector Calculus II | 4 |
| BI231 | Human Anatomy and Physiology I | 4 | MTH256 | Differential Equations | 4 |
| BI232 | Human Anatomy and Physiology II | 4 | MTH260 | Matrix Methods and Linear Algebra | 4 |
| BI233 | Human Anatomy and Physiology III | 4 | MTH264 | Introduction to Matrix Algebra and Power Series | 4 |
| BI234 | Microbiology | 4 | STAT243Z | Elementary Statistics I | 4 |
| CHEM221 | General Chemistry I | 5 | | | |
| CHEM222 | General Chemistry II | 5 | | | |
| CHEM223 | General Chemistry III | 5 | | | |
| ENV235 | Introduction to Soil Science | 4 | | | |
| G201 | Physical Geology I | 4 | | | |
| G202 | Physical Geology II | 4 | | | |
| G203 | Historical Geology | 4 | | | |
| GS104 | Physical Science | 4 | | | |
| GS105 | Physical Science | 4 | | | |
| GS106 | Introduction to Earth Science | 4 | | | |
| GS107 | Astronomy | 4 | | | |
| GS108 | Oceanography | 4 | | | |
| NR260 | Watershed Processes | 4 | | | |
| PH201 | General Physics I: Mechanics | 5 | | | |
| PH202 | General Physics II: Heat, Waves, Relativity | 5 | | | |
| PH203 | Gen Physics III: Elect & Magnetism | 5 | | | |
| PH211 | General Physics with Calculus I | 5 | | | |
| PH212 | General Physics with Calculus II | 5 | | | |
| PH213 | General Physics with Calculus III | 5 | | | |

Non-Laboratory Courses

| Code | Title | Credits |
|---------|---|---------|
| BI140 | Practical Ecology | 3 |
| BI149 | Introduction to Human Genetics | 3 |
| CHEM110 | Foundations of General, Organic, and Biochemistry | 4 |
| 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 |
| G221 | General Geology | 3 |
| G246 | Geological Hazards And Natural Catastrophes | 3 |
| MTH105Z | Math in Society | 4 |
| MTH111Z | Precalculus I: Functions | 4 |
| MTH112Z | Precalculus II: Trigonometry | 4 |
| MTH212 | Fundamentals of Elementary Mathematics II | 4 |
| MTH213 | Fundamentals of Elementary Mathematics III | 4 |
| MTH231 | Elements of Discrete Mathematics I | 4 |
| MTH232 | Elements of Discrete Mathematics II | 4 |
| MTH241 | Calculus for Bus and Soc Science I | 4 |
| MTH242 | Calculus for Bus and Soc Science II | 4 |
| MTH244 | Probability & Statistics II | 4 |
| MTH251 | Calculus I Differential Calculus | 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 credit 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 of 45 credits is allowed for basic, developmental, or supportive courses under federal financial aid guidelines.

Students graduating from Southwestern with a two-year degree are expected to have gained the knowledge, skills and attitudes (dispositions) and to demonstrate competency for the following institutional general learning outcomes:

COMMUNICATION

Students completing a degree will be able to demonstrate effective knowledge, skills, and attitudes in reading, writing, speaking, and listening, presentation of self and information.

COMPUTATION

Students completing a degree will be able to demonstrate effective knowledge, skills, and attitudes in technology skills, computer proficiency, math proficiency, decision analysis (synthesis & evaluation), understanding of and ability to apply mathematical concepts and reasoning, analyzing and using numerical data.

CREATIVE, CRITICAL AND ANALYTICAL THINKING

Students completing a degree will be able to demonstrate effective knowledge, skills and attitudes using curiosity, learning strategies, information gathering, analysis, synthesis, evaluation, creativity, research, and problem solving.

COMMUNITY/GLOBAL CONSCIOUSNESS AND RESPONSIBILITY

Students completing a degree will be able to demonstrate effective knowledge, skills, and attitudes involving respect, citizenship, cultural awareness, interpersonal skills, ethics, lifelong learning, community service, self-esteem, integrity, and empathy.