

Southern West Virginia 2022-2023 Southern Academic Catalog Community Technical College

Associate in Science

Students planning to earn a baccalaureate degree at a four-year institution may complete the first two years at Southern West Virginia Community and Technical College by earning the Associate in Science degree.

A student may attend full-time (12 hours or more per academic term) or part-time (less than 12 hours per academic term) to complete the Associate in Arts degree. A full-time student can complete the degree in four or five academic terms. A student may earn this degree in conjunction with another degree offered by the institution. Day and evening classes are available. Many classes are available in a variety of formats, including traditional, online, and hybrid formats.

Students are encouraged to consult with a faculty advisor at Southern in developing their educational plans. Students are encouraged to choose courses fulfilling the requirements for the Associate in Arts which meet their future baccalaureate degree requirements. Toward this goal, Southern encourages each student to consult the catalog of the institution to which the student plans to transfer.

Program Level Outcomes:

1. Demonstrate the ability to think critically and perform research.
2. Identify and apply analytical reasoning across scientific disciplines.
3. Demonstrate the ability to critically examine information through the scientific method.
4. Apply and evaluate diverse mathematic and scientific principles in problem-solving.

Goal

Communication, Critical Thinking, Intercultural Competence

- [OR 110 - Introduction to College](#) 1 Credit Hours
- [CS 102 - Computer Literacy](#) 3 Credit Hours (E)
or
- [CS 103 - Introduction to Applications](#) 1 Credit Hours (E)
or
- [IT 190 - Introduction to Programming in Visual C++](#) 1 TO 5 Credit Hours
or
- [IT 192 - Introduction to Programming in Visual Basic](#) 3 Credit Hours
or
- [BU 120 - Business Software Applications](#) 3 Credit Hours (E)

- [EN 101 - ~English Composition I](#) 3 Credit Hours

- [EN 102 - ~English Composition II](#) 3 Credit Hours
or
- [BU 205 - Communications in Business](#) 3 Credit Hours

- [SP 103 - ~Speech Fundamentals](#) 3 Credit Hours

Credit Hours: 11-13

Quantitative Literacy and Fluency, Critical Thinking

- [MT 125 - ^Trigonometry](#) 3 Credit Hours
and
- [MT 130 - ^College Algebra](#) 3 Credit Hours
or
- [MT 137 - ~Precalculus](#) 5 Credit Hours or higher

Credit Hours: 3-6

Communication, Critical Thinking

Any combination of:

- [BS 101 - ^General Biology I](#) 4 Credit Hours
- [BS 102 - ~General Biology II](#) 4 Credit Hours
- [BS 124 - ^Human Anatomy and Physiology I](#) 4 Credit Hours
- [BS 125 - ^Human Anatomy and Physiology II](#) 4 Credit Hours
- [CH 203 - ~Fundamentals of Chemistry](#) 4 Credit Hours
- [CH 213 - ^Principles of Chemistry I](#) 4 Credit Hours
- [CH 214 - ^Principles of Chemistry II](#) 4 Credit Hours
- [PH 200 - ~Conceptual Physics](#) 4 Credit Hours
- [PH 210 - ~College Physics I](#) 4 Credit Hours
- [PH 212 - ~College Physics II](#) 4 Credit Hours
- [SC 109 - ~General Physical Science I](#) 4 Credit Hours
- [SC 110 - ~General Physical Science II](#) 4 Credit Hours

Credit Hours: 8

Intercultural Competence, Critical Thinking

- [AR 112 - ~Art Appreciation](#) 3 Credit Hours
- [MU 175 - ~Music Appreciation](#) 3 Credit Hours

- [TH 112 - ~Theatre Appreciation](#) 3 Credit Hours
or
- [TH 239 - Film Appreciation](#) 3 Credit Hours

Credit Hours: 3

Communication, Critical Thinking, Intercultural Competence

Any three courses from:

- [EC 241 - ~Principles of Economics I](#) 3 Credit Hours

- [EC 242 - ~Principles of Economics II](#) 3 Credit Hours
- [HS 115 - World History to 1500](#) 3 Credit Hours
- [HS 120 - World History Since 1500](#) 3 Credit Hours
- [HS 203 - West Virginia History](#) 3 Credit Hours
- [HS 230 - ~American History to 1865](#) 3 Credit Hours
- [HS 231 - ~American History Since 1865](#) 3 Credit Hours
- [PL 201 - Introduction to Philosophy](#) 3 Credit Hours
- [PS 201 - ~American Government and Politics](#) 3 Credit Hours
- [PS 202 - ~State And Local Government](#) 3 Credit Hours
- [PY 201 - ~General Psychology](#) 3 Credit Hours
- [PY 218 - ~Life-Span Developmental Psychology](#) 3 Credit Hours
- Any RL designated class
- [SO 200 - ~Introduction to Sociology \(M\)](#) 3 Credit Hours
- [SO 201 - ~Social Problems I](#) 3 Credit Hours
- [SO 202 - ~Social Problems II](#) 3 Credit Hours

Credit Hours: 9

Electives

Any courses that focus on an area of interest. For transfer students, contact potential transfer university for courses that meet program needs.

Credit Hours: 21-26

Total Credit Hours: 60

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (<http://careertech.k12.wv.us/edge/edgeCollege.html>) as designated by the (E) within the program sequence.
