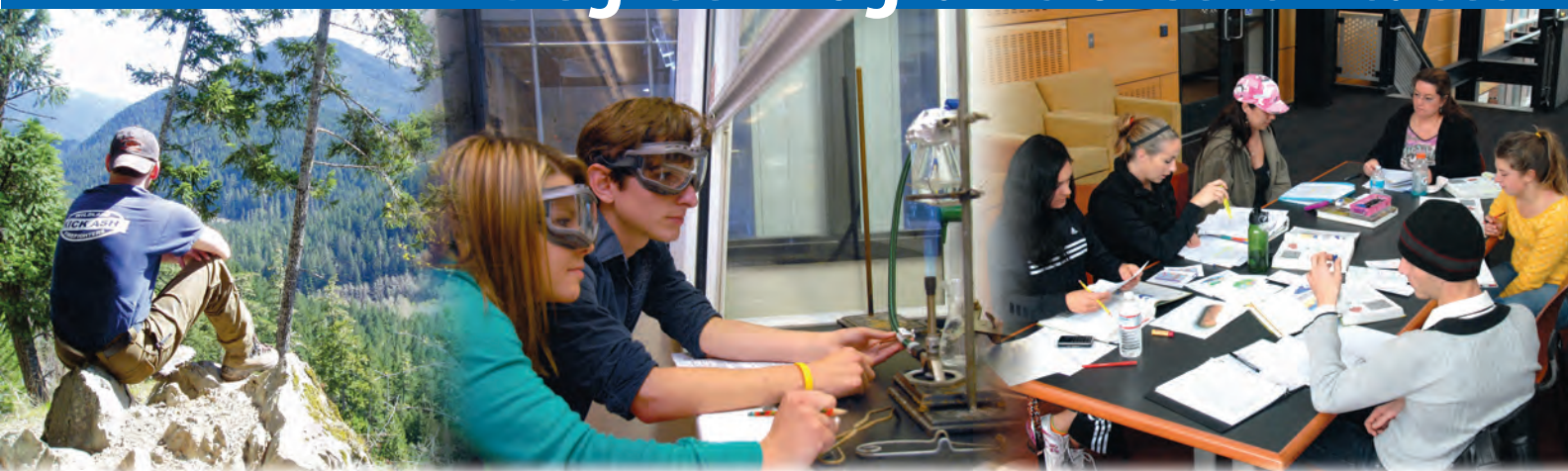


Degree Programs & Certificates



Since 1990, general education competencies define the basic academic skills all graduating students should possess upon completion. Arts and sciences students achieve these skills as they move through their required and distribution courses. Professional and Technical students achieve them in the required courses. Students learn the core knowledge of each program and discipline as they take courses in these areas.

I. Communications Competencies

- Comprehend, identify, and distinguish among the following when reading: main ideas, opinions, facts, inferences, ambiguities, assertions, conclusions, supporting materials.
- Communicate in writing for a variety of purposes and audiences.
- Speak effectively.
- Listen actively and respond to different audiences.

II. Quantitative Reasoning Competencies

- Manipulate numbers (large and small), use common measurement systems, and solve simple linear algebraic problems.
- Apply basic computational skills to practical applications.
- Recognize functional relationships between and among measurable phenomena.
- Apply systematic approaches and logic to solving quantitative problems.
- Translate mathematical symbols into words and words into mathematical symbols.

III. Information Competencies

- Recognize and formulate an information need.
- Find, access, and retrieve information.
- Select and reject information within the context of a specific information need.
- Evaluate the credibility of information and information sources.
- Synthesize and apply information to meet an identified need.
- Use basic computer applications.

IV. Critical Thinking Competencies

- Identify and troubleshoot problems.
- Collect and apply data to solve problems.
- Formulate, test, and evaluate potential solutions.
- Recognize how individual perspectives and values influence critical thinking.

V. Personal & Interpersonal Competencies

- Recognize the importance of accepting ownership for one's own learning.
- Work cooperatively and collaboratively with others.
- Function under conditions of ambiguity, uncertainty, and conflict.
- Recognize that humans influence, are influenced by, and are dependent upon larger environmental systems: physical, biological, and social.

Degree Programs & Certificates

Program	Arts & Sciences Programs AA or AS	Professional & Technical Programs (AAS or AAS-T)	Certificates	BAS	Program	Arts & Sciences Programs AA or AS	Professional & Technical Programs (AAS or AAS-T)	Certificates
Accounting		X	X		Associate in Elementary Education	X		
Addiction Studies		X	X		Family Life Education			X
Administrative Office Systems		X	X		Fisheries and Aquaculture			X
Associate in Arts	X				Information Technology		X	X
Associate in Science	X				Massage Therapy	X	X	X
Automotive Technology		X	X		Associate in Mathematics Education	X		
Associate in Biology Education	X				Medical Assistant	X	X	X
Botany	X				Multimedia Communications—Graphics		X	
Associate in Business	X				Multimedia Communications—Web Design		X	
Bachelor in Applied Science in Applied Management				X	Natural Resource Management			X
Business Administration—Accounting		X	X		Nursing		X	
Business Administration— Food Service Management			X		Associate in Physics Education	X		
Business Administration—Management		X	X		Pre-Radiologic Technology			X
Carpentry/Woodworking & Homebuilding			X		Associate in General Science Education	X		
Computer Applications Technology		X	X		Welding		X	X
Composite Technology			X					
Correctional Specialist		X	X					
Criminal Justice		X						
Early Childhood Education		X	X					

Note: A minimum of three credits is required to satisfy an area

Communication Skills Requirement

ENGL&	101	5 cr.
ENGL&	102	5 cr.

Quantitative Skills Requirement (Does not also count in Natural Sciences below)

MATH&	107* or above	5 cr.
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Humanities—15 credits from at least three areas (areas separated by dotted lines)

ART&	100; ART. 101-106, 112, 126-128	5 cr.
CHIN&	123	5 cr.
CMST&	102; CMST 207-209	5 cr.
CMST& (Speech)	220	5 cr.
DRAMA&	101, 124P	5 cr.
ENGL&	112-114, 220, 226, 227, 244, 245, 254, 255	5 cr.
ENGL	240, 250	3 or 5 cr.
FILM	100, 101, 102, 110, 120	5 cr.
FREN&	123	5 cr.
GERM&	123	5 cr.
IS	101, 102, 103, 104, 105, 107	5 cr.
MUSC&	105, 141; MUSC 110, 115, 116, 117	5 cr.
MUSC	130P, 131P, 132P, 184P, 185P, 186P, 230P, 231P, 232P, 284P, 285P, 286P	1-2 cr. each
PHIL&	101; PHIL 105	5 cr.
PHIL	130	3 or 5 cr.
SPAN&	123, 223; SPAN 240	5 cr.

Social Sciences—15 credits from at least three areas (areas separated by dotted lines)

ANTH&	100, 104, 206	5 cr.
ECON&	201, 202; ECON 101*	5 cr.
HIST&	126, 127, 128, 146, 147, 148; HIST. 220	5 cr.
POLS&	101, 202, 203; POLS 125	5 cr.
PSYC&	100	5 cr.
SOCSI	101	5 cr.
SOC&	101; SOC 115	5 cr.

Natural Sciences—15 credits from at least three areas (areas separated by dotted lines) including one laboratory science course ("L"=Lab course)

ANTH&	205	5 cr.
BIOL&	100L, 221L, 222L, 223L, 241L; BIOL 150L, 161L, 162L, 260L, 282L	5 cr.
BIOL	105	3 cr.
BOT	101L	5 cr.
CHEM&	110L, 121L, 122L, 123L, 131L, 161L	5 cr.
C SC	100	5 cr.
PHIL&	106	5 cr.
ENVS&	100, 101L; ENVS 201L, 230L	5 cr.
GEOG	120	5 cr.
GEOL&	101L; GEOL 124L	5 cr.
MATH&	107, 141, 142, 146, 148, 151, 152, 163	5 cr.
MATH	108, 110, 111	5 cr.
PHYS&	121L	5 cr.
ASTR&	100	5 cr.
ZOOL	101L	5 cr.

* WAOL course. **SOC 115 is offered once per year in the classroom. There is also a WAOL course available each quarter.

The Associate Degree

Peninsula College's general education requirements for the Direct Transfer Agreement (DTA) Associate degrees conform to guidelines of the Washington Intercollege Relations Commission (ICRC) for direct transfer of Associate degree credits. Washington colleges and universities also accept these guidelines or have separate agreements with Peninsula College to grant junior status and waive their own general education requirements for students entering with the Associate in Arts degree. Major Related Programs based on the direct transfer agreement (DTA) follow the statewide agreement called the DTA and share the same benefits.

To meet requirements for these degrees at Peninsula College you must complete a minimum of 90 credits, with a specified number of credits distributed among communications, distribution, and quantitative skills courses.

The distribution requirement is based upon the premise that a significant portion of undergraduate education should be characterized by a broad survey of human knowledge. Distribution requirements consist of a minimum of 45 credits, with 15 credits earned in each of the broad areas of Humanities, Social Sciences, and Natural Sciences. Communications and quantitative skills requirements are met with the completion of English Composition 101 and 102 and a mathematics course numbered 107 or above. Courses approved for meeting these degree requirements are listed on page 39.

Student Learning Outcomes

Upon completion of an Associate in Arts-DTA degree, Peninsula College graduates will be able to:

- Demonstrate academic skills at the college level, e.g., literacy, quantitative and critical thinking, composition, and the acquisition of information.
- Employ modes of inquiry basic to philosophical, scientific, mathematical, social, historical, and literary studies.

- Demonstrate knowledge in the humanities and arts, natural and physical sciences, mathematics, and the social sciences.
- Integrate knowledge drawn from diverse areas of study.

Associate in Arts–DTA Degree

Degree Requirements

1. Ninety credits, to include 60 credits chosen from the courses listed as approved for the Associate in Arts degree on the Distribution List of Approved Courses.

Credits are to be distributed as follows:

- a. English Composition 101 and 102: Five credits each.
- b. Mathematics: Five credits from courses designated 107 or above.
- c. Humanities: Fifteen credits from the distribution list, with one course from at least three of the subject areas listed.
- d. Social Sciences: Fifteen credits from the distribution list, including one course from at least three of the subject areas listed.
- e. Natural Sciences: Fifteen credits from the distribution list, including one course from at least three of the subject areas listed. (One of these courses must be a laboratory course as designated by an "L" following the course number.)
- f. Electives: Additional credits numbered 100 or above to total 90 credits. A maximum of 15 of these credits may be professional and technical courses. A maximum of three credits may be private music instruction. A maximum of six credits may be physical education.

2. A cumulative grade point average of 2.00 or above in college-level courses.

Associate in Arts- Honors–DTA Degree Degree Requirements

1. Ninety credits, to include 60 credits chosen from the courses listed as approved for the Associate in Arts-Honors degree on the Distribution List of Approved Courses. Credits are to be distributed as follows:
 - a. English Composition 101 and 102: Five credits each.
 - b. Mathematics: Five credits from courses numbered 107 or above.
 - c. Humanities: Fifteen credits from the distribution course list, with a course from each of three subject areas; five additional credits that can be linked to one of the completed distribution courses.
 - d. Foreign language: Fifteen credits. (Five credits may be included in the Humanities distribution requirement.)
 - e. Social Sciences: Fifteen credits from the distribution course list, with a course from at least three of the subject areas listed; five additional credits that can be linked to one area of the completed distribution courses.
 - f. Natural Sciences: Fifteen credits from the distribution list, with one course from at least three of the subject areas listed; five additional credits that can be linked to one of the completed distribution courses. One distribution or linked course must be a laboratory course, designated by an “L” following the course number.
 - g. Electives: Additional credits numbered 100 or above to total 90 credits. A maximum of 15 of these credits may be professional and technical courses numbered 100 or above. A maximum of three credits may be private music instruction. A maximum of six credits may be physical education.

2. A cumulative grade point average of 3.25 or above in college-level courses.

Associate in Science Transfer Degree

The Associate in Science Transfer degree is designed to fulfill the requirements of baccalaureate institutions for transfer with junior standing. The requirement of the degree is completion of a minimum of 90 credits, with a specific number in each of English/Humanities distribution, Social Sciences distribution, Science, and Quantitative Skills courses.

Students completing this Associate in Science Transfer degree will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the direct transfer associate degree and will be eligible for junior status by the receiving institution.

Student Learning Outcomes

Upon completion of an Associate in Science Transfer degree, Peninsula College graduates will be able to:

- Demonstrate academic skills at the college level, e.g., literacy, quantitative and critical thinking, composition, and the acquisition of information.
- Employ modes of inquiry basic to philosophical, scientific, mathematical, social, historical, and literary studies.
- Demonstrate knowledge in the humanities and arts, natural and physical sciences, mathematics, and the social sciences.
- Integrate knowledge drawn from diverse areas of study.
- Demonstrate mastery of field-specific knowledge in preparation for successful transfer to an upper-division science program.

Advising is a critical element in implementation of the Associate in Science Transfer degree.

Sequences should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution).

Track 1 Degree requirements

Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, and Earth Science

1. Communications: Minimum five quarter credits in college-level composition course.
2. Mathematics: Two courses (10 quarter credits) required at or above introductory calculus level.
3. Humanities and Social Science: Minimum 15 quarter credits. Minimum of five quarter credits in Humanities, minimum of five quarter credits in Social Science, plus an additional five quarter credits in either Humanities or Social Science for a total of 15 quarter credits. Courses taken must come from the current Intercollege Relations Commission (ICRC) distribution list in order to count as General Education or General University Requirements (GER/GUR) at the receiving institution.
4. Additional credits in general education, cultural diversity, and foreign language may be required by the transfer institution, which must be met prior to the completion of a baccalaureate degree.

Premajor requirements:

In a premajor program for biological sciences, environmental/resource sciences, chemistry, geology, and earth sciences, students should take:

1. Chemistry (for science majors) sequence: 15 quarter credits.
2. Third-quarter calculus or approved statistics course: five quarter credits.
3. Biology or physics (calculus-based or noncalculus-based) sequence: 15 quarter credits. Some baccalaureate institutions require physics with calculus.

4. Additional requirements: Ten to 15 quarter credits in physics, geology, organic chemistry, biology, or mathematics, consisting of courses normally taken for science majors (not for general education), preferably in a two-or-three quarter sequence. Biology majors should select organic chemistry or physics.
5. A maximum of five quarter credits of “gray area” courses will be accepted in the remaining credits category. Precalculus cannot be used to satisfy the mathematics requirement. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.
6. Remaining Credits (10-15 quarter credits): Sufficient additional college-level credits so that total credits earned are at least 90 quarter credits. These remaining credits may include prerequisites for major courses (e.g., precalculus), additional major coursework, or specific general education or other university requirements, as approved by the advisor. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring. A maximum of five credits of nonacademic electives, a maximum of five credits of theater arts/music instruction, a maximum of three credits private music instruction, and a maximum six credits physical education will be accepted.

A cumulative grade point average of 2.00 or above in college-level courses. (This is a minimum requirement for the AS degree. A lower grade point average may affect a student’s chances of admission to a specific science program or bachelor-degree track.)

Track 2 Degree requirements

Engineering, Computer Science, Physics, and Atmospheric Science

1. Communications: Minimum five quarter credits in college-level composition course.

2. Mathematics: Two courses (10 quarter credits) required at or above introductory calculus level.
3. Humanities and Social Science: Minimum 15 quarter credits. Minimum of five quarter credits in Humanities, minimum of five quarter credits in Social Science, plus an additional five quarter credits in either Humanities or Social Science for a total of 15 quarter credits. CMST& 220 and PSYC& 100 required. Courses taken must come from the current ICRC distribution list in order to count as GER or GUR at the receiving institution. No more than 5 credits of performance classes are allowed.
4. Additional credits in general education, cultural diversity, and foreign language may be required by the transfer institution, which must be met prior to the completion of a baccalaureate degree.

Specific premajor requirements:

25 credits based on the requirements of the specific discipline at the baccalaureate institution the student plans to attend.

- a. PHYS& 121L, 122L, 123L.
- b. CHEM& 121L required for Engineering majors. Other majors should select 5 credits of science based on advising.
- d. MATH& 163 or MATH& 146.

35 remaining credits

The remaining 35 credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend.

For engineering disciplines, these remaining 35 credits should include a design component consistent with ABET accreditation standards.

A maximum of five credits of nonacademic electives may be accepted.

Associate in Biology Education

Degree Requirements

The Associate in Biology Education is designed as a Major Related Program (MRP) for transfer with junior standing to baccalaureate institutions; it was created to aid students interested in becoming secondary biology teachers. Future high school teachers must pursue a major in their field as well as entrance into a school of education. Students should check specific requirements of their intended transfer school.

To qualify for an Associate in Biology Education Degree you must complete a minimum of 90 credits in courses numbered 100 or above, with a cumulative grade point average (GPA) of 2.0 or better.

Basic Requirements

Communication Skills: 5 credits

ENGL& 101 5 credits

Mathematics Skills: 10 credits

MATH& 151 5 credits

MATH& 152 5 credits

Distribution Requirements

Humanities/Social Science: 15 credits. Three different subject areas required with at least 5 credits taken from each. No more than 5 credits of performance classes are allowed.

CMST& 220 5 credits (required)

PSYC& 100 5 credits (required)

Additional 5 credits from the following disciplines:

Humanities

ART 100&; ART 101, 102, 103, 104, 105, 106, 112, 126, 127, 128

CHIN& 123

CMST& 102; CMST 207, 208, 209
 DRMA& 101; DRMA 124P
 ENGL& 112, 113, 114, 220, 226, 227, 244,
 245, 254, 255; ENGL 240, 250
 FILM 100, 101, 102, 110, 120
 FRCH& 123
 GERM& 123, 223
 IS 100 Series (Distribution area may vary.
 Some courses may be elective only. Check
 with Instructional Services or Registrar.)
 MUSC& 105, 141; MUSC 110, 115, 116,
 117, 130P, 131P, 132P, 184P, 185P, 186P,
 230P, 231P, 232P, 284P, 285P, 286P
 PHIL& 101; PHIL 105, 130
 SPAN& 123, 223; SPAN 240

Social Sciences:

ANTH& 100, 104, 206
 ECON& 201, 202; ECON 101
 HIST& 126, 127, 128, 146, 147, 148; HIST
 220
 POLS& 101, 202, 203; POLS 125
 SOC SC 101
 SOC& 101; SOC 115

Specific Premajor Requirements (35 cr.)

Note: Sequenced courses should not be broken
 up between institutions.

- A. CHEM& 161L, 162L, 163L
- B. MATH& 163 or MATH& 146
- C. BIOL& 221L, 222L, 223L
- D. Additional requirements: (10-15 credits)
 PHYS& 121L, 122L, 123L recommended;
 geology, organic chemistry, biology or
 mathematics, consisting of courses normally
 taken for science majors (not general
 education), preferably in a 2-or-3 quarter
 sequence.

Electives: 10-15 credits

ENGL& 102 5 credits (required)

EDUC& 205 5 credits (required)

Additional college-level credits so total credits
 earned are at least 90 credits. May include
 prerequisite for major courses (e.g., precalculus),
 additional major coursework, or specific general
 education or other university requirements, as
 approved by the advisor.

Associate in Business

The Associate in Business degree is designed
 as a Direct Transfer Agreement (DTA)/Major
 Related Program (MRP) for transfer with junior
 standing to baccalaureate institutions. It is
 generally pursued by students who plan to transfer
 to a four-year university as a business major after
 completing their first two years at Peninsula
 College. The degree indicates that a student has
 completed a two-year business program, which
 may be of value in career or lifetime goals.
 Students should check specific requirements of
 their intended transfer institution.

To qualify for an Associate in Business Degree
 you must complete a minimum of 90 credits
 in courses numbered 100 or above, with a
 cumulative grade point average (GPA) of 2.0 or
 better.

Basic Requirements

Communication Skills – 10 credits

ENGL& 101 5 credits

ENGL& 102 5 credits

Mathematics Skills – 10 credits

MATH 111 5 credits

MATH& 148 5 credits

Distribution Requirements

Humanities – 15 credits

CMST& 220 5 credits (required)

PHIL 130 5 credits (required)

Additional five credits selected from the following disciplines:

ART& 100; ART 101, 102, 103, 104, 105, 106, 112, 126, 127, 128

CHIN& 123

CMST& 102; CMST 207, 208, 209

DRMA& 101; DRMA 124P

ENGL& 112, 113, 114, 220, 226, 227, 244, 245, 254, 255; ENGL 240, 250

FRCH& 123

FILM 100, 101, 102, 110, 120

GERM& 123, 223

IS 100 series (Distribution may vary—some courses may be elective only. Check with Instructional Services or Registrar.)

MUSC& 105, 141; MUSC 110, 115, 116, 117, 130P, 131P, 132P, 184P, 185P, 186P, 230P, 231P, 232P, 284P, 285P, 286P

SPAN& 123, 223; SPAN 240

Social Sciences – 15 credits

A. ECON& 201 5 credits (required)

B. ECON& 202 5 credits (required)

C. PSYC& 100 5 credits (required)

Natural Sciences – 15 credits

A. MATH& 146 5 credits (required)

B. Additional 10 credits selected from at least two disciplines, including one laboratory (“L”) course:

BIOL& 100L, 221L-223L, 241L, 260L; BIOL 150L, 161L, 162L, 282L

BOT 101L

CHEM& 110L, 121L, 122L, 123L, 131L, 161L

ENVS& 100, 101L; ENVS 201L, 230L

GEOG 120

GEOL 124L; GEOL& 101L

PHYS& 121L; ASTR& 100

ZOOL 101L

Accounting/Business – 20 credits (required)

ACCT& 201, 202, 203; BUS& 201

Electives – 5 credits

Suggested courses: BUS 270 – 5 credits

Associate in Elementary Education

The Associate in Elementary Education degree is designed as a Direct Transfer Agreement (DTA)/Major Related Program (MRP) for transfer with junior standing to baccalaureate institutions with elementary education teacher certification programs. The requirements of the degree are completion of a minimum of 90 credits in courses numbered 100 or above, with a specific number of courses in English, Humanities, Social Sciences, Natural Science, and Quantitative Skills. Only course work in which an individual received a grade of 2.0 (C) or higher shall be counted toward the course work required for the approved endorsement program (WAC 180-82A-204).

Basic Requirements

Communication Skills- 10 credits

ENGL& 101 5 credits

ENGL& 102 5 credits

Mathematics Education Skills- 10 credits

MATH 106, MATH 108 5 credits each (required)

Humanities – 15 credits

CMST& 220 5 credits (required)

Additional 10 credits selected from the following:

ART& 100; ART 101, 102, 103, 104, 105, 106, 112, 126, 127, 128

ENGL& 112, 113, 114, 220, 226, 227, 244,
245, 254, 255; ENGL 240, 250

DRMA& 101; DRMA 124P

FILM 100, 101, 102, 110, 120

MUSC& 105, 141; MUSC 110, 115, 116,
117

Social Sciences – 25 credits

Five credits (required) from one of the following:

HIST& 126, 127, 128

Five credits (required) from one of the following:

HIST& 146, 147, 148 (applies in many transfer schools as a Humanities credit)

PSYC& 100 five credits (required)

Additional 10 credits from the following:

ECON 101; ECON& 201, 202

POLS& 101, 202, 203; POLS 125 or additional History

Natural Sciences – 15 credits

Five credits in Biological Sciences:

BIOL& 100L, 221L-223L, 241L, 260L; BIOL 150L; ZOO 101L

Five credits in Geology/Earth Sciences:

GEOL 124L; GEOL& 101L; GEOG 120

Five credits in Physical Sciences (Chemistry or Physics):

CHEM& 110L, 121L, 122L, 123L, 131L, 161L;

PHYS& 121L; ASTR& 100

Two of the above must have a lab component.

Additional electives recommended

EDUC& 205, 295A

SOC 115

PSYC& 200

Computer Literacy: Software programs, including word processing, PowerPoint, spreadsheets, and internet proficiency.

Minimum grade point average requirements for acceptance in an Elementary Education Program are established at each institution. (Meeting the minimum requirements does not guarantee admission.)

A minimum of 30 hours of K-8 classroom experience must be included during the degree program.

Although not required for this degree, students must take the WEST-B test in order to apply to any Washington State teacher preparation program.

Associate in General Science Education

The Associate in General Science Education degree is designed as a Major Related Program (MRP) for transfer with junior standing to baccalaureate institutions and is intended for students interested in becoming secondary science teachers. Future high school teachers must pursue a major in their field as well as entrance into a school of education. Students should check specific requirements of their intended transfer institution.

To qualify for an Associate in General Science Education you must complete a minimum of 90 credits in courses numbered 100 or above, with a cumulative grade point average (GPA) of 2.0 or better.

Basic Requirements

Communication Skills: 5 credits

ENGL& 101 5 credits

Mathematics Skills: 10 credits

MATH& 151 5 credits

MATH& 152 5 credits

Distribution Requirements

Humanities/Social Science: 15 credits of humanities and social science with at least 5 credits taken from each. Three different disciplines required. No more than 5 credits of performance classes are allowed.

CMST& 220 (5 credits) required

PSYC& 100 (5 credits) required

Suggested disciplines include:

Humanities

ART& 100; ART 101, 102, 103, 104, 105, 106, 112, 126, 127, 128

CHIN& 123

CMST& 102; CMST 207, 208, 209

DRMA& 101; DRMA 124P

ENGL& 112, 113, 114, 220, 226, 227, 244, 245, 254, 255; ENGL 240, 250

FILM 100, 101, 102, 110, 120

FRCH& 123

GERM& 123, 223

IS 100 Series (Distribution area may vary.
Some courses may be elective only. Check with Instructional Services or Registrar.)

MUSC& 105, 141; MUSC 110, 115, 116, 117, 130P, 131P, 132P, 184P, 185P, 186P, 230P, 231P, 232P, 284P, 285P, 286P

PHIL& 101; PHIL 105, 130

SPAN& 123, 223; SPAN 240

Social Sciences

ANTH& 100, 104, 206

ECON& 201, 202; ECON 101

HIST& 126, 127, 128, 146, 147, 148; HIST 220

POLS& 101, 202, 203; POLS 125

SOC SC 101

SOC& 101; SOC 115

Specific Premajor Requirements

Note: Sequenced courses should not be broken up between institutions.

A. CHEM& 161L, 162L, 163L

B. BIOL& 221L, 222L, 223L

C. PHYS& 121L, 122L, 123L

D. MATH& 146

Elective Credits: 10 credits

ENGL& 102 (5 credits required), EDUC& 205 (5 credits required), and sufficient additional college-level credits so that total credits earned are at least 90 credits. These remaining credits may include prerequisite for major courses and additional major coursework.

Associate in Math Education

Degree Requirements

The Associate in Math Education degree is designed as a Major Related Program (MRP) for transfer with junior standing to baccalaureate institutions. It was created to aid students interested in careers as secondary math teachers. Successful completion of this degree satisfies lower-division general education and math and science requirements at Washington's teacher certification institutions. Future high school teachers must pursue a major in mathematics and qualify for admission to a school of education when they transfer to their chosen teacher certification institution. Students should check specific requirements of their intended transfer school.

To qualify for an Associate in Math Education Degree you must complete a minimum of 90 credits in courses numbered 100 or above, with a cumulative grade point average (GPA) of 2.0 or better.

Basic Requirements

A. Communication Skills: 10 credits

ENGL& 101 5 credits

ENGL& 102 5 credits

B. Mathematics Skills: 5 credits

MATH& 151

Humanities – 15 credits

A. CMST& 220 5 credits (required)

B. No more than 5 credits allowed from any one discipline. (No more than 5 credits in foreign languages at the 100 level.) No more than 5 credits in performance/skills courses (“P”) are allowed.

C. A minimum of 10 credits from the following disciplines:

ART& 100; ART 101, 102, 103, 104, 105, 106, 112, 126, 127, 128

CHIN& 123

CMST& 102; CMST 207, 208, 209

DRMA& 101; DRMA 124P

ENGL& 112, 113, 114, 220, 226, 227, 244, 245, 246, 254, 255; ENGL 240, 250

FILM 100, 101, 102, 110, 120

FRCH& 123

GERM& 123, 223

IS 100 Series (Distribution may vary. Some courses may be elective only. Check with Instructional Services or Registrar.)

MUSC& 105, 141; MUSC 110, 115, 116, 117, 130P, 131P, 132P, 184P, 185P, 186P, 230P, 231P, 232P, 284P, 285P, 286P

PHIL& 101; PHIL 105, 130

SPAN& 123, 223; SPAN 240

Social Sciences – 15 credits

A. PSYC& 100 5 credits (required)

B. No more than 5 credits allowed from any one discipline. A minimum of 10 credits from the following disciplines:

ANTH& 100, 104, 206

ECON 101; ECON& 201, 202

HIST& 126, 127, 128, 146, 147, 148; HIST 220

POLS& 101, 202, 203; POLS 125

SOC SC 101

SOC& 101; SOC 115

Natural Sciences – 15 credits

A. MATH& 152

B. A minimum of 10 credits selected from at least two disciplines from the following list, including one laboratory “L” science course.

BIOL& 100L, 221L-223L, 241L, 260L; BIOL 150L, 161L, 162L, 282L

BOT 101L

CHEM& 110L, 121L, 122L, 123L, 131L, 161L

ENVS& 100, 101L; ENVS 201L, 230L

GEOL 124L; GEOL& 101L

PHYS& 121L, 221L; ASTR& 100

ZOOL 101L

Additional Courses – 30 credits

A. MATH& 163 5 credits

B. MATH 210 5 credits

C. MATH 224 5 credits

D. MATH 238 5 credits

E. EDUC& 205 5 credits

F. Additional 5 credits from the distribution area where appropriate preparation courses for the major, minor, or professional certification should ideally be included in this course work.