

Spokane Community College and Spokane Falls Community College

ASSOCIATE OF SCIENCE TRANSFER (TRACK 1)

DEGREE REQUIREMENTS

BIOLOGICAL SCIENCES, ENVIRONMENTAL/RESOURCE SCIENCES, CHEMISTRY, GEOLOGY, AND EARTH SCIENCE

The Associate of Science Transfer (AS-T #1) degree is designed to prepare students for upper division study in the areas of biological sciences, environmental/resource sciences, chemistry, geology and earth science. A candidate for an Associate of Science Transfer degree must complete 90 credits in academic courses numbered 100 or above with a cumulative grade point average of at least 2.0. Courses must be chosen from the following specified distribution areas: communication – 5 credits, humanities/social sciences – 15 credits, mathematics – 10 credits, science – 45-50 credits, and 10-15 credits in approved academic electives. **At least 5 credits must be W-designated (writing-intensive).** At least 30 credits must be earned from Spokane Community College or Spokane Falls Community College. At SFCC, all prior college-level credits and grade points are transferred for calculating total credits and GPA. This degree does not fulfill all general education requirements of four-year institutions.

DISTRIBUTION Credits for a specific course may be used in only one distribution area requirement. **2009-2010**

COMMUNICATION 5 credits

Courses from this area do not satisfy the writing-intensive requirement.

ENGL& 101, 102, 235
JOURN 220

HUMANITIES/SOCIAL SCIENCES 15 credits

Minimum of 5 credits from Group A: Humanities.
Minimum of 5 credits from Group B: Social Sciences.
Additional 5 credits from Group A or Group B.
No more than 5 credits in a foreign language or ASL.

GROUP A: HUMANITIES

ART 108, 109, 110, 112; ART& 100
CMST 227
DRMA& 101
ENGL 208, 209, 241, 247, 248, 249, 251, 259, 261,
271, 272, 278; ENGL& 111, 112, 113, 114, 220
Foreign Language **OR** ASL – 5 credits only
HUM 107, 141, 201, 221, 222, 223, 224, 236;
HUM& 101
JOURN 110
MUSC 108, 109, 124, 191, 235, 236, 237;
MUSC& 105, 141, 142, 143, 241, 242, 243
PHIL 210, 215, 220, 231; PHIL& 101, 106

GROUP B: SOCIAL SCIENCES

ANTH& 100, 206, 210
ECON 100; ECON& 201, 202
GEOG 101, 230, 260
HIST 141, 142, 222, 230, 240; HIST& 116, 117, 118,
136, 137, 214, 219
POLS 102, 125, 201, 204, 205; POLS& 101, 202, 203
PSYC 204, 210, 250; PSYC& 100, 200, 220
SOC 204, 211, 221, 230, 261; SOC& 101, 201
WS 201

MATHEMATICS 10 credits

10 credits at or above introductory calculus.
MATH 220, 274; MATH& 151, 152, 153, 254

SCIENCE 45-50 credits

Each group must be satisfied.

GROUP A: Chemistry (15cr sequence)

CHEM& 161, 162, 163
OR
CHEM& 241/251, 242/252, 243/253

GROUP B: Third quarter calculus or approved statistics course (5cr)

MATH 221 **OR** MATH& 153

GROUP C: Biological Sciences or Physics (15cr)

15 credits from listed Biological Science courses
OR a 15 credit Physics sequence¹.

Biological Sciences (laboratory courses)

BIOL& 221, 222, 223

Physics Sequence¹

PHYS 101, 102, 103

OR

PHYS 201, 202, 203

GROUP D: Additional 10-15 science credits

Choose from listed courses, preferably in a 2 or 3
quarter sequence.

GROUP A

GROUP B

GROUP C

GEOG 201, 210; GEOL& 100

MATH 220, 274; MATH& 254

NOTE: Biology majors should select organic chemistry
or physics for this requirement.

ELECTIVES 10-15 credits

Additional college-level credits as needed to satisfy
the 90 quarter credits required for this degree. These
remaining credits may include prerequisites for
major courses (e.g. pre-calculus), additional major
coursework, or specific general education or other
four-year institution requirements, as approved by a
counselor or academic adviser.

¹Some four-year institutions require Physics with
calculus to meet this requirement.

NOTES:

1. Students are responsible for checking specific
major requirements of four-year institutions in the
year prior to transferring.
2. It is recommended that sequential science classes
be completed at one institution.
3. Students completing this Associate of Science
Transfer (AS-T) degree will receive the same
priority consideration for admission to the four-year
institution as they would for completing the direct
transfer associate's degree and will be given junior
status by the receiving institution; this degree does
not guarantee student's admission to the major.
4. Additional general education requirements,
cultural diversity requirements, and foreign
language requirements, as required by the transfer
institution, must be met prior to the completion of
a baccalaureate degree.
5. This degree may not fulfill all general education
requirements of a particular baccalaureate
institution. Students should work with a counselor
or academic adviser for further guidance specific
to their goals.

NOTE: Some institutions have requirements for admission to the major that go beyond those specified above. Students can meet these requirements by careful selection of additional elective courses. Students should work with a counselor or academic adviser for further guidance specific to their goals.

NOTICE: Due to the specialized nature of many of the listed courses, students should consult a counselor or academic adviser and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

DISCLAIMER: During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.

ASSOCIATE OF SCIENCE TRANSFER (TRACK 1) DEGREE BIOLOGICAL SCIENCES, ENVIRONMENTAL/RESOURCE SCIENCES, CHEMISTRY, GEOLOGY AND EARTH SCIENCE WORKSHEET 2009-2010

A total of 90 credits is required. **At least 5 credits must be W-designated (writing-intensive).** See reverse side for the complete statement of degree requirements and listing of available courses.

I. COMMUNICATION—5 credits

Course	Date	Cr
ENGL& 101, 102, 235		
JOURN 220		
COMMUNICATION TOTAL		

II. HUMANITIES/SOCIAL SCIENCES—15 credits

Minimum of 5 credits from Group A: Humanities.
Minimum of 5 credits from Group B: Social Sciences.
Additional 5 credits from Group A **OR** Group B.
No more than 5 credits in a foreign language or ASL.

GROUP A: Humanities (minimum of 5cr)

Course	Date	Cr
ART		
CMST 227		
DRMA& 101		
English (literature)		
Foreign Language OR ASL		
Humanities		
JOURN 110		
Music		
Philosophy		

GROUP B: Social Sciences (minimum of 5cr)

Course	Date	Cr
Anthropology		
Economics		
GEOG 101, 230, 260		
History		
Political Science		
Psychology		
Sociology		
Women's Studies (WS 201)		

HUMANITIES/SOCIAL SCIENCES TOTAL

III. MATHEMATICS—10 credits

10 credits at **OR** above introductory calculus.

Course	Date	Cr
MATH 220, 274		
MATH& 151, 152, 153, 254		
MATHEMATICS TOTAL		

IV. SCIENCE—45-50 credits

Each group must be satisfied.

GROUP A: Chemistry (15cr sequence)

Course	Date	Cr
CHEM& 161 AND		
CHEM& 162 AND		
CHEM& 163		
OR		
CHEM& 241/251 AND		
CHEM& 242/252 AND		
CHEM& 243/253		

GROUP B: Third quarter calculus or approved statistics course (5cr)

Course	Date	Cr
MATH 221 OR MATH& 153		

GROUP C: Biological Sciences or Physics Sequence (15cr)

15 credits from listed Biological Science courses **OR** a 15 credit Physics sequence¹.

Course	Date	Cr
BIOLOGICAL SCIENCES		
(Laboratory courses)		
BIOL& 222		
BIOL& 221		
BIOL& 223		
PHYSICS SEQUENCE¹		
PHYS 101 AND		
PHYS 102 AND		
PHYS 103		
OR		
PHYS 201 AND		
PHYS 202 AND		
PHYS 203		

GROUP D: Additional requirements (10-15cr)

Choose from listed courses, preferably in a 2 or 3 quarter sequence.

Course	Date	Cr
Group A		
Group B		
Group C		
GEOL 201, 210; GEOL& 101		
MATH 220, 274; MATH& 254		
SCIENCE TOTAL		

V. ELECTIVES—10-15 credits

Additional college-level credits as needed to satisfy the 90 quarter credits required for this degree. These remaining credits may include prerequisites for major courses (e.g. pre-calculus), additional major coursework, or specific general education or other university requirements, as approved by counselor or academic adviser.

Course	Date	Cr
ELECTIVES TOTAL		

¹ Some four-year institutions require physics with calculus to meet this requirement.

^W COURSE _____

course title/number

Counselor's Initials

Date

Student Identification Number

Name