

Spokane Community College and Spokane Falls Community College

ASSOCIATE IN SCIENCE TRANSFER (TRACK 2)

COMPUTER SCIENCE, PHYSICS, AND ATMOSPHERIC SCIENCE

DEGREE REQUIREMENTS

The Associate in Science Transfer (AS-T #2) degree is designed to prepare students for upper division study in the areas of computer science, physics, and atmospheric science. A candidate for the Associate in Science Transfer degree must complete a minimum of 90 quarter credits in academic courses numbered 100 or above with a cumulative grade point average of at least 2.0 and meet specific distribution requirements. Courses must be chosen from the following distribution areas: communication – 5 credits, humanities/social sciences – 15 credits, mathematics – 10 credits, science – 30 credits, and 30 credits in approved academic electives. **At least 5 credits must be W-designated (writing-intensive).** PE activity courses are limited to a maximum of three credits for the entire degree. At least 30 credits must be earned in residence from Spokane Community College or Spokane Falls Community College with at least 15 credits earned in the required distribution areas at the college awarding the degree. 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.

2014-2015

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, 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

MUSC& 105, 141, 142, 143, 241, 242, 243
PHIL 209, 210, 215, 220, 231; PHIL& 101, 120

GROUP B: SOCIAL SCIENCES

ANTH& 100, 206, 210
ECON 100; ECON& 201, 202
GEOG 101, 230, 260
HIST 106, 107, 141, 142, 230, 240
HIST& 116, 117, 118, 136, 137, 214, 219
POLS 102, 125, 204, 205; POLS& 101, 202, 203
PSYC 204, 210, 250; PSYC& 100, 200, 220
SOC 204, 211, 221, 230, 261; SOC& 101, 201

MATHEMATICS 10 credits

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

SCIENCE 30 credits

Each group must be satisfied.

GROUP A: Physics¹ (15cr sequence)

PHYS 101, 102, 103 **OR** PHYS 201², 202², 203²

GROUP B: Chemistry (5cr)

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

GROUP C: Computer Programming² (5cr)

CS 142 **OR** CS& 141

GROUP D: Third quarter calculus or

approved statistics course (5cr)

MATH 221 **OR** MATH& 153

Note: Transfer requirements vary based on major. Students should consult with their counselor or academic adviser and the appropriate department at the transfer university.

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

² Courses offered at SFCC only

ELECTIVES 30 credits

An additional 30 quarter credits, as needed, to satisfy the 90 quarter credits required for this degree. These courses should be planned with the help of a counselor or academic adviser based on the requirements of the specific discipline at the four-year institution the student plans to attend.

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 in 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 IN SCIENCE TRANSFER (TRACK 2) DEGREE COMPUTER SCIENCE, PHYSICS AND ATMOSPHERIC SCIENCE WORKSHEET 2014-2015

A minimum of 90 quarter credits are required. **At least 5 credits must be W-designated (writing-intensive).** PE activity courses are limited to a maximum of three credits for the entire degree. See reverse side for the complete statement of degree requirements and listing of available courses. (Credits beyond required amounts in categories I through V are counted as electives.)

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		
Foreign Language OR ASL		
Humanities		
JOURN 110		
Music		
Philosophy		
HUMANITIES/SOCIAL SCIENCES TOTAL		

GROUP B: Social Sciences (minimum of 5cr)

Course	Date	Cr
Anthropology		
Economics		
Geography		
History		
Political Science		
Psychology		
Sociology		
HUMANITIES/SOCIAL SCIENCES TOTAL		

III. MATHEMATICS/SCIENCES—10 credits

10 credits are required at or above introductory calculus.

Course	Date	Cr
Mathematics		
MATHEMATICS/SCIENCES TOTAL		

IV. SCIENCE—30 credits

Each group must be satisfied.

GROUP A: Physics¹ (15cr sequence)

Course	Date	Cr
PHYS 101 AND		
PHYS 102 AND		
PHYS 103		
OR		
PHYS 201 ² AND		
PHYS 202 ² AND		
PHYS 203 ²		
SCIENCE TOTAL		

GROUP B: Chemistry (5cr)

Laboratory course

Course	Date	Cr
Chemistry		

GROUP C: Computer Programming² (5cr)

Course	Date	Cr
CS 142 OR CS& 141		

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

Course	Date	Cr
MATH 221 OR MATH& 153		
SCIENCE TOTAL		

V. ELECTIVES—30 credits

An additional 30 quarter credits, as needed, to satisfy the 90 quarter credits required for this degree. These courses should be planned with the help of a counselor or academic adviser based on the requirements of the specific discipline at the four-year institution the student plans to attend.

Course	Date	Cr
ELECTIVES TOTAL		

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

² Courses offered at SFCC only

^W COURSE _____
course title/number

Counselor's Initials

Date

Student Identification Number

Name