

# 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 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.

**2018-2019**

#### 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 226, 227  
DRMA& 101  
ENGL 208, 209, 241, 247, 248, 249, 259, 261, 271,  
272, 278; ENGL& 111, 112, 113, 114, 220  
FILM 141, 221, 222, 224, 225, 236  
Foreign Language **OR** ASL – 5 credits only  
HUM 107, 201; HUM& 101  
JOURN 110

MUSC 106, 108, 109, 124

MUSC& 105, 141, 142, 143, 241, 242, 243

PHIL 110, 209, 215, 220, 231; PHIL& 101, 115, 120

##### GROUP B: SOCIAL SCIENCES

ANTH& 100, 206, 210

ECON 100; ECON& 201, 202

GEOG 101, 230, 260

HIST 105, 106, 107, 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, 180, 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: Physics (15cr sequence)

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

PHYS 101, 102, 103

**OR**

PHYS 201, 202, 203 (SFCC only)

##### GROUP B: Chemistry (5cr)

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

##### GROUP C: Computer Programming (5cr)

CS 142 (SFCC only)

**OR**

CS& 141 (SFCC only)

##### GROUP D: Third quarter calculus or

approved statistics course (5cr)

MATH& 146

**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.

#### 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. PE activity courses are limited to a maximum of three credits for the entire degree.

##### 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 2018-2019

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 IV are counted as electives.)

## I. COMMUNICATION—5 credits

Course	Date	Cr
ENGL& 101, 102, 235		
JOURN 220		
<b>COMMUNICATION TOTAL</b>		

## 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 226, 227		
DRMA& 101		
English		
Film		
Foreign Language <b>OR</b> ASL		
Humanities		
JOURN 110		
Music		
Philosophy		
<b>HUMANITIES/SOCIAL SCIENCES TOTAL</b>		

### GROUP B: Social Sciences (minimum of 5cr)

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

## III. MATHEMATICS/SCIENCES

—10 credits

10 credits are required at or above introductory calculus.

Course	Date	Cr
Mathematics		
<b>MATHEMATICS/SCIENCES TOTAL</b>		

## IV. SCIENCE—30 credits

Each group must be satisfied.

### GROUP A: Physics (15cr sequence)

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

Course	Date	Cr
PHYS 101 <b>AND</b>		
PHYS 102 <b>AND</b>		
PHYS 103		
<b>OR</b>		
PHYS 201 <b>AND</b> (SFCC only)		
PHYS 202 <b>AND</b> (SFCC only)		
PHYS 203 (SFCC only)		
<b>SCIENCE TOTAL</b>		

### GROUP B: Chemistry (5cr)

Laboratory course

Course	Date	Cr
Chemistry		

### GROUP C: Computer Programming (5cr)

Course	Date	Cr
CS 142 <b>OR</b> CS& 141 (SFCC only)		

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

Course	Date	Cr
MATH& 146 <b>OR</b> MATH& 153		
<b>SCIENCE TOTAL</b>		

## 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. PE activity courses are limited to a maximum of three credits for the entire degree.

Course	Date	Cr
<b>ELECTIVES TOTAL</b>		

**W COURSE** \_\_\_\_\_  
course title/number

Counselor Initials

Date

Student Identification Number

Name