

Spokane Community College and Spokane Falls Community College  
**ASSOCIATE IN SCIENCE – TRANSFER TRACK 2 (AS-T 2/MRP)**  
**Bioengineering and Chemical Engineering Pathway**

Requirements for completion of an AS-T 2/MRP degree following the Bioengineering and Chemical Engineering pathway:

- Cumulative grade point average (GPA) of 2.0 or higher
- Complete 95 quarter credits in courses numbered 100 or above as follows:

Communication (5 credits)  
Humanities/Social Sciences (15 credits)  
Mathematics (25 credits)

Science/Engineering (40 credits)  
Engineering Electives (10 credits)

- **5 credits must be W (writing-intensive)**
- Earn at least 30 credits at SCC/SFCC (at least 15 credits earned at the degree-awarding college)

*\*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.)

**2022-2023**

**COMMUNICATION 5 credits**

- 5 credits composition (these courses do not satisfy the writing-intensive requirement)

ENGL& 101, 102

**HUMANITIES/SOCIAL SCIENCES  
15 credits**

- 5 credits from Group A
- 5 credits from Group B
- 5 additional credits from Group A or Group B
- No more than 5 credits in foreign language or ASL
- A course in Economics is recommended

**GROUP A: HUMANITIES**

ART 108, 109, 110, 112; ART& 100  
CMST 226, 227  
DRMA 140; DRMA& 101  
ENGL 209, 241, 247, 248, 249, 259, 261, 271, 272, 278; ENGL& 111, 112, 113, 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, 204, 206, 210  
ECON 100; ECON& 201, 202  
GEOG 260; GEOG& 100, 102  
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, 250; PSYC& 100, 180, 200, 220  
SOC 204, 211, 221, 230, 261; SOC& 101, 201

**MATHEMATICS 25 credits**

- 25 credits from the list below

MATH 274; MATH& 151, 152, 153, 254

**SCIENCE/ENGINEERING  
40 credits**

- 15 credits from Group A
- 25 credits from Group B

**GROUP A: Physics (calculus based)  
(15cr sequence)**

PHYS 201, 202, 203

**GROUP B: Chemistry (25cr)**

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

**ENGINEERING ELECTIVES  
10 credits**

- 10 additional credits
- Plan electives as appropriate for intended major and intended transfer university in consultation with the engineering advisor.

BIOL& 222  
CS& 141 or CS 255 (SFCC only)  
ENGL& 235  
ENGR 110 and 111, 201, 210, 240 (SFCC only)  
MATH 220

**ALL STUDENTS – Meet regularly with your SCC/SFCC advisor or counselor.**

**TRANSFER STUDENTS – Contact an advisor at your transfer university for additional requirements.**

**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 associates 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 four-year institution. Students should work with a counselor or academic advisor for further guidance specific to their goals.

**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 advisor 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.

# 2022-2023 Worksheet

## ASSOCIATE IN SCIENCE – TRANSFER TRACK 2 (AS-T 2/MRP)

### Bioengineering and Chemical Engineering Pathway

See reverse side for the complete statement of degree requirements and listing of available courses.  
Credits for a specific course may be used in only one distribution area.

#### I. COMMUNICATION—5 credits

- 5 credits composition (these courses do not satisfy the writing-intensive requirement)

Course	Date	Cr
ENGL& 101		
ENGL& 102		
<b>COMMUNICATION TOTAL</b>		

#### II. HUMANITIES/SOCIAL SCIENCES—15 credits

- 5 credits from Group A: Humanities
- 5 credits from Group B: Social Sciences.
- 5 additional credits from Group A or Group B
- No more than 5 credits in foreign language or ASL
- A course in Economics is recommended

##### GROUP A: Humanities (minimum of 5cr)

Course	Date	Cr
Art		
CMST 226, 227		
Drama		
English		
Film		
Foreign Language OR ASL		
Humanities		
JOURN 110		
Music		
Philosophy		
<b>HUMANITIES/SOCIAL SCIENCES TOTAL</b>		

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

A course in Economics is recommended.

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

#### III. MATHEMATICS—25 credits

- 25 credits from the list below

Course	Date	Cr
MATH& 151		
MATH& 152		
MATH& 153		
MATH& 254		
MATH 274		
<b>MATHEMATICS TOTAL</b>		

#### IV. SCIENCE/ENGINEERING—40 credits

- 15 credits from Group A
- 25 credits from Group B

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

Course	Date	Cr
PHYS 201		
PHYS 202		
PHYS 203		
<b>SCIENCE TOTAL</b>		

##### GROUP B: Chemistry (25cr)

Course	Date	Cr
CHEM& 161		
CHEM& 162		
CHEM& 163		
CHEM& 241/251		
CHEM& 242/252		
<b>SCIENCE TOTAL</b>		

#### V. ENGINEERING ELECTIVES—10 credits

- 10 additional credits
- Plan electives as appropriate for intended major and intended transfer university in consultation with the engineering advisor.

Course	Date	Cr
BIOL& 222		
CS& 141 or CS 255 (SFCC only)		
ENGL& 235		
ENGR 110 and ENGR 111 (SFCC only)		
ENGR 201 (SFCC only)		
ENGR 210 (SFCC only)		
ENGR 240 (SFCC only)		
MATH 220		
<b>ELECTIVES TOTAL</b>		

**ALL STUDENTS – Meet regularly with your SCC/SFCC advisor or counselor.**

**TRANSFER STUDENTS – Contact an advisor at your transfer university for additional requirements.**

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

Counselor Initials

Date

Student Identification Number

Name