Spokane Community College and Spokane Falls Community College
ASSOCIATE IN SCIENCE TRANSFER (TRACK 2)
BIOENGINEERING AND CHEMICAL ENGINEERING
DEGREE REQUIREMENTS

Requirements for completion of an Associate in Science Transfer (AS-T 2) degree in Bioengineering and Chemical Engineering:

- 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.** 2019-2020

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& 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, 204, 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, 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 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 four-year institution. Students should work with a counselor or academic advisor for further guidance specific to their goals.

ASSOCIATE IN SCIENCE TRANSFER (TRACK 2) DEGREE
BIOENGINEERING AND CHEMICAL ENGINEERING
WORKSHEET 2019-2020

Counselor Initials

Date

Student Identification Number

Name

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		
COMMUNICATION TOTAL		

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		
DRMA& 101		
English		
Film		
Foreign Language **OR** ASL		
Humanities		
JOURN 110		
Music		
Philosophy		

GROUP B: Social Sciences (minimum of 5cr)
A course in Economics is recommended.

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

III. MATHEMATICS—25 credits

- 25 credits from the list below

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

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		

GROUP B: Chemistry (25cr)

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

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		
ELECTIVES TOTAL		

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