

# Spokane Community College and Spokane Falls Community College ASSOCIATE IN SCIENCE TRANSFER (AS-T) DEGREE REQUIREMENTS CHEMISTRY EDUCATION

## (AS-T degree for future secondary Chemistry teachers)

The AS-T is not a Direct Transfer Agreement. A candidate for an associate in science transfer degree must complete 90-96 credits in academic courses numbered 100 and above with a cumulative grade point average of at least 2.0 including the following distribution. Courses numbered 100 or above must be chosen from the following specified categories: communication skills—15 credits, humanities/social sciences—10 credits, mathematics—15 credits, science—45 credits, 5-6 credits in additional required course, and 5 credits in recommended general education course. At least 30 credits must be earned from Spokane Community College/Spokane Falls Community College. All prior college-level credits and grade points are transferred for calculating total credits and GPA. See designated adviser prior to registration.

### DISTRIBUTION

**2007-2008**

Credits for a specific course may be used in only one distribution area requirement. If courses transferred from other institutions are used to meet the distribution requirement, no more than 10 credits from any one subject area may be used as part of the credits required in each of humanities/social sciences, mathematics and science.

#### COMMUNICATION SKILLS 15 credits

ENG 101 .....	5 cr
ENG 201 .....	5 cr
SPCH 101 and ENG 109.....	5 cr

#### ADDITIONAL REQUIRED COURSE 5-6 credits

ED 202 or ED 201/267.....	5-6 cr
<i>Includes field experience/meets "W" requirement</i>	

#### HUMANITIES/SOCIAL SCIENCES 10 credits

Must have 5 credits from Group A and 5 credits from Group B

**GROUP A**

SPCH 220* or ANTHR 204*.....	5 cr
and	

**GROUP B**

PSYCH 101 .....	5 cr
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\* Meets "D" requirement. Check with receiving institution for diversity course choices. Substitutions may be granted upon request.

#### RECOMMENDED GENERAL EDUCATION COURSE 5 credits

ED 204.....	5 cr
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#### MATHEMATICS 15 credits

10 credits are required at or above introductory calculus for majors

MATH 124 and 125.....	10 cr
MATH 126** or MATH 221** .....	5 cr

\*\* Third quarter calculus or approved statistics

#### SCIENCE \*\*\* 45 credits

Select 3 out of 4 of the following for science majors not general education.

**Chemistry**

CHEM 141, 142 and 143.....	15 cr (general chemistry***)
CHEM 201/211, 202/212 and 203/213 .....	15 cr (organic chemistry***)

**Biology**

BIOL 101, BOT 111 or 112, and ZOOL 121 or 122.....	15 cr (biology for majors**)
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**Physics**

PHYS 101, 102 and 103 or PHYS 201, 202 and 203.....	15 cr (algebra or calc-based***)
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\*\*\* Students must check with transfer institution for specific local requirements.

#### NOTES

1. A minimum of ninety (90) quarter credits is required for the degree.
2. An overall grade point average of 2.0 is required.
3. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.

#### DISCLAIMER

This transfer degree is designed to allow the student to fulfill basic science requirements that are required during the first two years in some specific programs at four-year institutions. However, this degree may not fulfill all general education requirements of a particular baccalaureate institution. Students should work with a counselor or adviser for further guidance specific to their goals.

During the period this guide is in circulation, there may be curriculum revisions and program changes.

Students must check with transfer institution for specific local requirements. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring

# ASSOCIATE IN SCIENCE TRANSFER (AS-T) DEGREE WORKSHEET 2007-2008

## CHEMISTRY EDUCATION

A total of 90-96 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 SKILLS—15 cr.

Course	Date	Cr.
ENG 101		
ENG 201		
SPCH 101 and ENG 109		
<b>COMMUNICATION SKILLS TOTAL</b>		

### II. HUMANITIES/ SOCIAL SCIENCES—10 cr.

Must have 5 credits from Group A and 5 credits from Group B

#### GROUP A

Course	Date	Cr.
SPCH 220* or ANTHR 204*		

and

#### GROUP B

Course	Date	Cr.
PSYCH 101		

**HUMANITIES/SOCIAL  
SCIENCE TOTAL**

\* Meets "D" requirement. Check with receiving institution for diversity course choices. Substitutions may be granted upon request.

### III. MATHEMATICS—15 cr.

10 credits are required at or above introductory calculus.

Course	Date	Cr.
MATH 124		
MATH 125		
MATH 126** or MATH 221**		
<b>MATHEMATICS TOTAL</b>		

\*\* Third quarter calculus or approved statistics

### IV. SCIENCE—45 cr.

Select 3 out of the 4 of the following for science majors not general education.

#### Chemistry

Course	Date	Cr.
(general chemistry***)—15 cr.		
CHEM 141		
CHEM 142		
CHEM143		

(organic chemistry\*\*\*)—15 cr.

CHEM 201/211		
CHEM 202/212		
CHEM 203/213		

#### Biology—15 cr.

(biology for majors\*\*\*)

Course	Date	Cr.
BIOL 101		
BOT 111 or 112 and		
ZOOL 121 or 122		

#### Physics—15 cr.

(algebra or calc-based\*\*\*)

Course	Date	Cr.
PHYS 101		
PHYS 102		
PHYS 103		

or

PHYS 201		
PHYS 202		
PHYS 203		

**SCIENCE TOTAL**

\*\*\* Students must check with transfer institution for specific local requirements.

### V. ADDITIONAL REQUIRED COURSE—5-6 cr.

Course	Date	Cr.
ED 202 or		
ED 201/267		
<b>ADDITIONAL REQUIRED COURSE TOTAL</b>		

Includes field experience/meets "W" requirement

### VI. RECOMMENDED GENERAL EDUCATION COURSE—5 cr.

Course	Date	Cr.
ED 204		
<b>RECOMMENDED GENERAL EDUCATION COURSE TOTAL</b>		

### CREDIT SUMMATION credits

"W" COURSE: ED 201 or ED 202

"D" COURSE \_\_\_\_\_  
course title/number

I. COMMUNICATION SKILLS (15) \_\_\_\_\_

II. HUMANITIES/  
SOCIAL SCIENCES (10) \_\_\_\_\_

Group A \_\_\_\_\_

Group B \_\_\_\_\_

III. MATHEMATICS (15) \_\_\_\_\_

IV. SCIENCE (45) \_\_\_\_\_

Group A \_\_\_\_\_

Group B \_\_\_\_\_

Group C \_\_\_\_\_

V. ADDITIONAL  
REQUIRED COURSE (5-6) \_\_\_\_\_

VI. RECOMMENDED  
GENERAL EDUCATION  
COURSE (5) \_\_\_\_\_

**TOTAL (90-96) \_\_\_\_\_**

Counselor's Initials

Date

Student Identification Number

Name