

# Spokane Community College and Spokane Falls Community College

## ASSOCIATE OF SCIENCE TRANSFER (A.S.T.) DEGREE REQUIREMENTS

### BIOLOGICAL SCIENCES, ENVIRONMENTAL/RESOURCE SCIENCES, CHEMISTRY, GEOLOGY, AND EARTH SCIENCE

A candidate for an associate of science transfer degree must complete 90 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—5 credits, humanities/social sciences—15 credits, mathematics—10 credits, science—45-50 credits, and 10-15 credits in approved academic electives. **At least 5 credits must be W-designated (writing-intensive).** 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.

## 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 15 credits required in each of humanities/social sciences, mathematics and science.

### COMMUNICATION SKILLS—5 credits

5 credits in a college-level composition course  
 ENG 101, 201, 205  
 JOURN 220

### SCIENCES—45-50 credits

Group A, B, C and D requirements must all be met.

**GROUP A: Chemistry**  
 15 credit sequence  
 CHEM 141-143, 201/211, 202/212, 203/213

**GROUP B: Third quarter calculus or approved statistics course**

5 credits  
 MATH 126, 221

**GROUP C: Biological Sciences or Physics**  
 15 credits\*  
 BIOLOGICAL SCIENCES (laboratory courses)  
 BIOL 101  
 BOT 111, 112, 113  
 ECOL 101  
 MBIOL 231  
 ZOOL 121, 122

**PHYSICS SEQUENCE**  
 PHYS 101, 102, 103, 201, 202, 203\*

**GROUP D: Additional 10-15 science credits**  
**Choose from:**  
 Group A  
 Group B  
 Group C  
 GEOL 101, 201, 210\*

**Note: Biology majors should select organic chemistry or physics for this requirement.**

*\*Transfer requirements vary for related majors. Students should consult with their academic adviser and the appropriate department at the transfer university.*

### WRITING-INTENSIVE "W" COURSE 5 credits

Students must complete 5 credits in a writing-intensive course: i.e., courses with a "W" designation. These 5 credits may be selected from other *required* courses to enable counting the credits in both the distribution area and the "W" requirement simultaneously.

#### 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.
4. It is recommended that sequential science classes be completed at one institution.
5. Students completing this associate of science transfer (AST) degree will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the direct transfer associate's degree and will be given junior status by the receiving institution.
6. Additional general educational 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.

#### 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 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.

### 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.

**GROUP A: HUMANITIES**  
 ART 107, 108, 109, 110, 112  
 DRAMA 115  
 ENG 131, 208-210, 241, 245-247, 251, 261, 271, 272, 275-278  
 Foreign Language or ASL—5 credits only  
 HUMAN 101, 141, 201, 221-224, 236  
 JOURN 110  
 MUSIC 101-104, 107, 109, 191, 201-203, 221-223  
 PHIL 101, 201, 210, 215, 220, 231  
 SPCH 220

**GROUP B: SOCIAL SCIENCES**  
 ANTHR 101, 201, 204  
 ECON 100, 201, 202  
 GEOG 101, 230, 260  
 HIST 101-103, 121, 122, 141, 142, 222, 230, 240, 260  
 POLSC 101, 102, 111, 125, 201-203, 270  
 PSYCH 101, 201, 210, 250  
 SOC 101, 175, 211, 221, 240, 261

### MATHEMATICS—10 credits

10 credits at or above Introductory Calculus  
 MATH 124-126, 220, 224, 274

### GENERAL ELECTIVES 10-15 credits

Additional college-level credits as needed to satisfy the 90 quarter credits required for this degree. These remaining credits may include prerequisites for major courses (e.g., pre-calculus), additional major coursework, or specific general education or other university requirements, as approved by adviser.

# ASSOCIATE OF SCIENCE TRANSFER (A.S.T.) DEGREE WORKSHEET 2007-2008

A total of 90 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. (Credits beyond required amounts in categories I through V are counted as electives.)

Counselor's Initials

Date

Student Identification Number

Name

## I. COMMUNICATION SKILLS—5 cr.

| Course                            | Date | Cr. |
|-----------------------------------|------|-----|
| ENG 101, 201, 205                 |      |     |
| JOURN 220                         |      |     |
|                                   |      |     |
|                                   |      |     |
|                                   |      |     |
| <b>COMMUNICATION SKILLS TOTAL</b> |      |     |

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

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.

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

| Course           | Date | Cr. |
|------------------|------|-----|
| Art              |      |     |
| DRAMA 115        |      |     |
| English          |      |     |
| Foreign Language |      |     |
| Humanities       |      |     |
| JOURN 110        |      |     |
| Music            |      |     |
| Philosophy       |      |     |
| SPCH 220         |      |     |
|                  |      |     |
|                  |      |     |

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

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

## III. MATHEMATICS—10 cr.

10 credits are required at or above introductory calculus.

| Course                            | Date | Cr. |
|-----------------------------------|------|-----|
| MATH 124, 125, 126, 220, 224, 274 |      |     |
|                                   |      |     |
| <b>MATHEMATICS TOTAL</b>          |      |     |

## IV. SCIENCES—45-50 cr.

Each group must be satisfied.

### GROUP A: Chemistry (15 cr. sequence)

| Course    | Date | Cr. |
|-----------|------|-----|
| Chemistry |      |     |
|           |      |     |
|           |      |     |

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

| Course        | Date | Cr. |
|---------------|------|-----|
| MATH 126, 221 |      |     |
|               |      |     |
|               |      |     |

### GROUP C: Biological Sciences or Physics sequence (5 cr.)

| Course                                   | Date | Cr. |
|--|------|-----|
| BIOLOGICAL SCIENCES (laboratory courses) |      |     |
| Biology                                  |      |     |
| Botany                                   |      |     |
| ECOL 101                                 |      |     |
| MBIOL 231                                |      |     |
| Zoology                                  |      |     |
| PHYSICS SEQUENCE                         |      |     |
| Physics                                  |      |     |

### GROUP D: Additional requirements (10-15 cr.)

**NOTE:** Biology majors should select organic chemistry or physics for this requirement.

| Course                | Date | Cr. |
|-----------------------|------|-----|
| Group A               |      |     |
| Group B               |      |     |
| Group C               |      |     |
| Geology               |      |     |
| <b>SCIENCES TOTAL</b> |      |     |

## V. ELECTIVES—10-15 cr.

| Course                 | Date | Cr. |
|------------------------|------|-----|
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
|                        |      |     |
| <b>ELECTIVES TOTAL</b> |      |     |

## CREDIT SUMMATION credits

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

**I. COMMUNICATION SKILLS (5)** \_\_\_\_\_

**II. HUMANITIES/  
SOCIAL SCIENCES (15)** \_\_\_\_\_

Group A (1) \_\_\_\_\_

Group B (1) \_\_\_\_\_

**III. MATHEMATICS (10)** \_\_\_\_\_

**IV. SCIENCES (45-50)** \_\_\_\_\_

Group A (3) \_\_\_\_\_

Group B (1) \_\_\_\_\_

Group C (3) \_\_\_\_\_

Group D (2-3) \_\_\_\_\_

**V. ELECTIVES (10-15)** \_\_\_\_\_

**TOTAL (90)** \_\_\_\_\_