



2009-2010

**CHEMISTRY EDUCATION**  
**ASSOCIATE IN SCIENCE – TRANSFER (AS-T) - TRACK 1**  
**Major Related Program**

This degree is part of the WA State Associate in Science – Transfer Agreement. It requires a minimum from **97.5** to **99\*** quarter credits in specific course requirements as described below, and a cumulative GPA of 2.0 or higher. Students granted the degree are normally awarded junior status and in most cases will be able to complete their Bachelors in two additional years of full-time study. Students will be required to take additional General Education courses to fulfill requirements of their Baccalaureate college/university.

**SEE REVERSE SIDE FOR A LIST OF GENERAL EDUCATION AND DISTRIBUTION COURSES.**

**I. GENERAL EDUCATION CORE REQUIREMENTS -- 20 Cr**

Courses used in Gen Ed core may not be used for Distribution.

	Qtr	Gr	Cr
Communication: English& 101			5
Additional Communication: ENGL& 102 or 230& or CMST& 101			3-5
Multicultural Understanding			5
Quantitative/Symbolic Reasoning: MATH& 151			5

**II. DISTRIBUTION REQUIREMENTS -- 10 Cr**

<i>Humanities</i> --5 Cr	Qtr	Gr	Cr
1. CMST& 101			5
<i>Social Sciences</i> --5 Cr	Qtr	Gr	Cr
1. PSYC& 100			5

**III. PRE MAJOR PROGRAM – 67.5 - 69\* Cr**

<i>General Chemistry</i> -19.5* Cr	Qtr	Gr	Cr
1. CHEM 171/181 Fall, Win, Spr			6.5
2. CHEM 172/182 Win, Spr, Sum			6.5
3. CHEM 173/183 Spr, Sum, Fall			6.5
<i>Additional Math</i> —10 Cr	Qtr	Gr	Cr
MATH& 152 every qtr			5
MATH 211 every qtr			5
<i>Organic Chemistry</i> – 18* Cr	Qtr	Gr	Cr
CHEM& 241/271 Fall, Win			7
CHEM& 242/272 Win, Spr			7
CHEM& 243 Spr, Sum			4
<i>Physics</i> - 15-16.5 Cr	Qtr	Gr	Cr
<i>Check with intended transfer institution which sequence is required</i>			
Algebra-based sequence:			
PHYS& 121/131 Fall			5

PHYS& 122/132 Win			5
<i>Physics, Continued</i>	Qtr	Gr	Cr
PHYS& 123/133 Spr			5
OR Calculus-based sequence:			
PHYS& 221/231 Fall, Win			5.5
PHYS& 223/233 Win, Spr			5.5
PHYS& 222/232 Spr, Sum			5.5
<i>Intro to Education</i> – 5 Cr	Qtr	Gr	Cr
EDUC& 202, Fall, Win, Spr			5

\*Courses transferred in from other schools may carry fewer credits per course.

If those courses are evaluated as equivalent to SCC courses, these requirements may be met with fewer credits. A student must have a minimum of 90 college credits to earn an Associates degree.

Students transferring to U of W must meet high school core admissions requirements, including two years of the same world language in high school or two quarters in college. The third year/quarter of a language is a graduation requirement for students in the College of Arts & Sciences at UW.

It is strongly recommended that students complete an entire sequence of science courses at one institution.

Students should consult with their advisor and the institutions to which they plan to transfer to make sure university admissions requirements will be met.

**Shoreline CC Advisors:**

- Karen Kreutzer, Chemistry, Rm 2817, Ph: 546-4576
- Linda Kuehnert, Chemistry, Rm 2821, Ph: 546-4575
- Dave Phippen, Chemistry, Rm 2822, Ph: 546-4572
- Amar Yahiaoui, Chemistry, Rm 2820, Ph: 546-4738
- Joyce Fagel, Science Advisor, Rm 2814, Ph: 546-6984

**Advising Recommendations:**

---



---

STUDENT:	
ADVISOR:	DATE:

The following is a list of classes which satisfy Shoreline's 2009-2010 AS-T General Education and Distribution requirements. Credits for a specific course may be used only once, i.e. may not be applied toward more than one distribution. **To graduate from SCC, complete a graduation application and return it to the Credential Evaluator or the Information Desk, which are both located in the FOSS Bldg – (5000 Bldg 2<sup>nd</sup> Floor) no later than the quarter before you plan to graduate.**

**GENERAL EDUCATION  
CORE REQUIREMENTS**

**18-20 credits**

**Communication - 5 credits**

English& 101

**Additional Communication – 3-5 credits**

English& 102, 230

Communication Studies& 101

**Multicultural Understanding- 5 credits**

Communication Studies 203

History 245

Intra-American Studies 105, 245, 284

Women Studies 284

**Quantitative/Symbolic Reasoning – 5 credits**

Math& 151

Course numbers for many courses at SCC have changed effective Summer 2008. Courses with an "&" are Common Course Numbers and will be consistent across WA State Community Colleges.

Courses listed as meeting Humanities and Social Science distribution areas can only be used to satisfy one distribution area, not both.

**DISTRIBUTION REQUIREMENTS**

**HUMANITIES**

**5-10 credits**

*No more than 5 credits in foreign language at the 100 level.*

**General:**

American Sign Language& 121-123, 221, 222

Art& 100

Art History 204, 210, 224, 225, 226

Chinese& 121, 122, 123

Cinema 201

Communication Studies& 101, 102, 210, 220

Communication Studies 203, 215, 235

Drama& 101

English& 111, 112, 114, 220, 226-228, 244-246

English 113, 154, 190, 200, 229, 236, 247, 248, 257, 265, 271, 272, 281, 282, 287- 289

French& 121, 122, 123, 221-223

Humanities 111-113, 160, 275

Intra-American Studies 109, 206, 215, 220, 234

Japanese& 121, 122, 123, 221-223

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

Music 100, 106, 108, 109, 150, 200, 206, 224

Philosophy& 101

Philosophy 102, 115, 210, 230, 240, 248, 267

Spanish& 121, 122, 123, 221, 222, 223

**Performance/Skills Applied Theory,  
Lecture/Studies:**

*If chosen, a maximum*

*of five credits from list below.*

Art 109, 110, 121-123, 130-133, 144-146, 247, 250-256, 260, 265, 271-273

Communication Studies& 230

Communication Studies 140, 244, 247, 249

Drama 144-146, 164-169, 207-209, 225, 226, 234, 235, 236, 255

Humanities 164, 165

Music 114, 115, 117-120, 124, 135, 136, 140, 144, 146, 147, 150-156, 161-167, 170, 175, 180, 184, 196, 204, 205, 207, 211, 212, 225, 226, 251-253, 264, 268, 270, 280, 284, 296

**SOCIAL SCIENCES**

**5-10 credits**

Anthropology& 100, 204, 206, 207

Business& 101

Communication Studies& 102

Criminal Justice& 112

East Asia 215, 216, 217, 218

Economics& 201, 202

Economics 100, 215, 260, 272, 273, 291-295

Geography& 100, 200

Geography 250, 277, 295

History& 116, 117, 118, 136, 137, 214, 215

History 218, 234-238, 245-247, 256, 260, 274, 295

International Studies 101, 200, 201, 205, 295

Philosophy& 101

Philosophy 102, 115, 167, 210, 230, 240, 248, 267, 295

Political Science& 101, 202, 203

Political Science 221, 276, 291, 292, 293

Psychology& 100, 200, 220

Psychology 206-210, 236, 245, 295

Social Science 100

Sociology& 101, 201

Sociology 112, 250, 288, 295

Women's Studies 205, 215, 284, 285, 286, 295

**NOTICE:** Planning guides are intended to guide students toward completing degree requirements. They are not intended to communicate admissions requirements of 4-year institutions. Students are strongly advised to consult with an advisor and the catalog of the 4-year institution to which they plan to transfer. Other conditions & restrictions may also apply.