



## PHARMACY (at UW & WSU) ASSOCIATE IN SCIENCE - TRANSFER (AS-T) – TRACK 1

2009-2010

This handout combines the requirements for the AS-T degree and the requirements to enter the School of Pharmacy at UW and WSU. **Both UW and WSU Pharmacy schools have recently adjusted their general education requirements and also added upper division course prerequisites.** At WSU this is going into effect for a 2008 start date, at UW it is for the 2009 start date. For most students we recommend transfer into a Bachelor's Degree program at a university, and apply from there to the Pharmacy schools. Students with a Bachelor's Degree can take almost all their requirements at Shoreline CC.

The AS-T degree requires a minimum of 90 quarter credits in courses numbered 100 or above and a cumulative GPA of 2.0 or higher. It transfers as part of the AS-Transfer agreement to all WA State public universities as well as several private schools.

### I. GENERAL EDUCATION CORE REQUIREMENTS – (18-20) Cr

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

	Qtr	Gr	Cr
Communication: English 101			5
Additional Communication AS-T degree: ENGL& 102 or 230 or CMST& 101. WSU Pharm: either ENGL& 102 or CMST& 101 UW Pharm: ENGL& 102 or 10 W credits (W not used for Distribution Requirements)			5 (3)
Multicultural Understanding For WSU: IASTU 105 or CMST 203 For UW: use this toward either VLPa or I&S depending on which course you take.			5
Quantitative/Symbolic Reasoning: MATH& 151*			5

\*Pharmacy accepts MATH& 148 or &151, but AS-T degree only MATH& 151.

### II. DISTRIBUTION REQUIREMENTS -- 15 Cr

<b>Humanities--5 Cr</b> <i>See list of choices on reverse side.</i>			
	Qtr	Gr	Cr
CMST& 210 or 220 (for UW)			
<b>Social Sciences--5 Cr</b> <i>See list of choices on reverse side.</i>			
	Qtr	Gr	Cr
ECON& 201 (for UW and WSU)			
<b>Humanities or Social Sciences*--5 Cr</b> <i>See list of choices on reverse side.</i>			
	Qtr	Gr	Cr
PSYC& 100 and PHIL 102 (for WSU)			

\*UW: requires 10 credits each in VLPa (= SCC Humanities, must include CMST& 101 or 220) and Individuals & Societies (=SCC Social Science).

### IV. ELECTIVES – usually not needed to earn AS-T degree.

Additional Pharmacy Prerequisites	Qtr	Gr	Cr
<b>UW and WSU: BIOL&amp; 260</b>			5
WSU: requires 10 additional credits in World Civilizations. Take two of: HIST& 116, 117, 118. Not required if you already have a Bachelors. 10			
Upper division courses for WSU: take during junior year at a university, or at SCC: BIOL& 231, 232, 270+274, 277 21			
Biochemistry is required for WSU: MBIOS 303 from WSU (available online), or BIOC 405+406 at UW, or BC 3105 at Bastyr U. UW recommends biochemistry: prefers BIOC 405, 406 at UW, MBIOS 303 at WSU is also accepted.			

#### Shoreline Pre-Pharmacy 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

### III. PRE MAJOR PROGRAM 62.5 Cr

Chemistry – 19.5 Cr	Qtr	Gr	Cr
1. CHEM 171/181 Fall, Win, Spr Qtr			4/2.5
2. CHEM 172/182 Win, Spr, Sum Qtr			4/2.5
3. CHEM 173/183 Spr, Sum, Fall Qtr			4/2.5
Additional Math - 10 Cr	Qtr	Gr	Cr
MATH& 152 [required for AS degree, not for Pharmacy]			5
MATH 211			5
Biological Science - 15 Cr	Qtr	Gr	Cr
BIOL& 211 every qtr			5
BIOL& 212 Winter & Spring Qtr			5
BIOL& 213 Spring & Summer Qtr			5
Organic Chemistry - 18	Qtr	Gr	Cr
CHEM& 241/271 Fall & Winter Qtr			4/3
CHEM& 242/272 Winter & Spring Qtr			4/3
CHEM& 243 Spring & Summer Qtr			4

The University of Washington in Seattle, and at Washington State University in Pullman (Eastern Washington), each admit 80-94 students per year and admission is competitive. The programs do not require completion of a Bachelor's Degree before entrance, however more than half of applicants do have one. After entrance the Pharm D program takes four years of study.

*Other Associate degree options:* AA-Individualized Plan (AA-IP) allows students to design their own schedule and is also a good option. It is strongly recommended that students complete an entire sequence of science courses at one institution.

#### U of W Pharmacy:

-Application deadline: Jan 1 for both PharmCAS ([www.pharmacas.org](http://www.pharmacas.org)) and UW Supplemental Application (see web site).  
 -PCAT must be taken no later than November ([http://harcourtassessment.com/cgi-bin/MsmGo.exe?grab\\_id=0&page\\_id=301&query=PCAT&hiword=PCAT%20](http://harcourtassessment.com/cgi-bin/MsmGo.exe?grab_id=0&page_id=301&query=PCAT&hiword=PCAT%20))  
 -Applicants must be US citizens or permanent residents.  
 -All course prerequisites must be completed by Spring Quarter.  
 -Ph: 206/685-2715; Web: [www.pharmacy.washington.edu/students](http://www.pharmacy.washington.edu/students)

#### WSU Pharmacy:

- Application deadline: Jan 4 for PharmCAS ([www.pharmacas.org](http://www.pharmacas.org)) and additional WSU application.  
 - Web: <http://www.pharmacy.wsu.edu/>  
 - All course prerequisites must be completed by Spring Quarter.  
 - Contact: Marian Horton, 509-335-2016, [hortonm@wsu.edu](mailto:hortonm@wsu.edu)  
**American Association of Colleges of Pharmacy:** [www.aacp.org/](http://www.aacp.org/)  
 [AS-T Track 1 Pharmacy UW&WSU 2009-10.doc 6/22/09]

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.