



MATHEMATICS

ASSOCIATE IN ARTS – DIRECT TRANSFER AGREEMENT (AA-DTA)

2009-2010

The AA-DTA, known as the direct transfer degree, is an agreement between Washington State community colleges and baccalaureate institutions. The AA-DTA transfers as a package to most baccalaureate colleges and universities in Washington, satisfying most, if not all, of the lower division general education requirements and granting junior standing; it does not guarantee admissions. The AA-DTA requires 90 quarter credits in college-level courses numbered 100 or above with a cumulative GPA of 2.0 or higher. Students transferring in Science, Computer Science, or Engineering are usually better served by completing an Associate in Science degree. **See the reverse side for a complete listing of courses that fulfill general education and distribution requirements.**

I. GENERAL EDUCATION CORE REQUIREMENTS--20 Cr

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

	Qtr	Gr	Cr
English & 101			5
English & 102			5
Multicultural Understanding			5
Quantitative/Symbolic Reasoning: MATH& 151			5
Intermediate Algebra Proficiency This is automatically completed by advanced math courses.			

II. DISTRIBUTION REQUIREMENTS

Humanities--15 Cr

Select from at least 2 different disciplines.
Maximum 5 credits in Performance/Skills
No more than 5 credits in world language at the 100 level.
See list of choices on reverse side.

	Qtr	Gr	Cr
1.			
2.			
3.			

Math-Science--15 Cr

Select from at least 2 different disciplines.
Must include at least one lab science.
10 credits required in physical, earth and/or biological sciences.
See list of choices on reverse side

	Qtr	Gr	Cr
1. MATH& 152			5
2. PHYS& 221/231 is recommended			
3.			

Social Sciences--15 Cr

Select from at least 2 different disciplines.
See list of choices on reverse side.

	Qtr	Gr	Cr
1.			
2.			
3.			

Each year, the SCC Math Department offers the Joseph Wood Rogers Memorial Scholarship to a student who plans to pursue a degree in Mathematics.

III. ELECTIVES--At least 25 Cr

Maximum 15 credits allowed for restricted/vocational course work.

	Qtr	Gr	Cr
MATH& 141 and 142 (if needed)			5,5
MATH& 163 (available every qtr)			5
*Take as many as you have time for from MATH 207 (Fall, Spr), MATH 208 (Win), MATH& 264 (Spr)			

*Requirements vary by university, by degree (BA, BS) and also by emphasis area. Students are encouraged to gather information from the universities and to talk with SCC advisors about their interest areas, course and transfer planning.

U of Washington note:

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 U of W.

For information about Applied Mathematics, please see the **Associate in Sciences – Track 2 for Applied Mathematics, Astronomy, Atmospheric Sciences, and Physics.**

Shoreline CC Advisors and Math Professors:

- Juliet Anderson	Rm 5380	Ph: 546-4574
- Steve Bogart	Rm 5333	Ph: 546-6986
- Shana Calaway	Rm 5308	Ph: 546-4628
- Shannon Flynn	Rm 5346	Ph: 546-4705
- Helen Hancock	Rm 5370	Ph: 546-4735
- Fred Kuczmariski	Rm 5348	Ph: 546-6993
- Sarah Leyden	Rm 5357	Ph: 546-5819
- Lauren Sandven	Rm 2811	Ph: 533-6795
- Nirmala Savage	Rm 2819	Ph: 533-6610

RECOMMENDATIONS:

STUDENT:	
ADVISOR:	DATE:

The following is a list of classes that satisfy Shoreline's 2009-2010 AA-DTA degree requirements. Credits for a specific course may be used only once and may not be applied toward more than one distribution area. **To graduate from SCC, complete a graduation application and return it to the Credential Evaluator or the Information Desk located on the 2nd floor of the FOSS-5000 Bldg. no later than the quarter before you plan to graduate.**

I. GENERAL EDUCATION CORE REQUIREMENTS—20 Credits

English& 101 - 5 credits
English& 102 - 5 credits

Multicultural Understanding – 5 credits:
 Communication Studies 203
 History 245
 Intra-American Studies 105, 245, 284
 Women Studies 284

Quantitative/Symbolic Reasoning - 5 credits:
Must complete Intermediate Algebra with a 2.0 or a qualifying test score to enroll in a Q/SR
 Chem& 121
 Chem 171/181, 172/182, 173/183
 Econ& 201
 Math& 107, 141, 142, 146, 148, 151, 152, 163, 264
 Math 111, 171, 207, 208, 211
 Philosophy& 106
 Physics& 121/131, 122/132, 123/133, 221/231, 223/233, 222/232
 Physics 110

II. DISTRIBUTION AREA REQUIREMENTS—45 Credits Total

HUMANITIES
15 credits

Select from at least **2** different disciplines.
 Select at least 2 courses from the **General** list.
 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

Humanities - 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

MATHEMATICS/SCIENCES
15 credits

Select from at least **2** different disciplines.
 10 credits required in Physical, Earth and/or Biological Sciences
 Must include at least one laboratory science

Physical, Earth, Biological Sciences – 10 cr.

Laboratory Sciences: 5 cr. minimum

Astronomy& 101
 Biology& 100, 211, 212, 213, 231, 232, 260
 Biology 102, 107, 124, 126, 144, 244, 249, 274, 275, 277
 Chemistry& 110, 121, 131, 241/271, 242/272
 Chemistry 171/181, 172/182, 173/183
 Environmental Science& 101
 Environmental Science 202
 Geography& 203, 204
 Geology& 101, 103, 115, 208
 Geology 201
 Oceanography& 101
 Physics& 121-123, 221-223
 Physics 110

Non Laboratory Sciences:

Anthropology& 205
 Biology& 170
 Biology 110, 150, 270
 Chemistry& 139, 243
 Environmental Science& 100
 Geology 107
 Psychology 202

Other Math/Science Courses:

If chosen, a maximum of 5 credits from the list below.

Math& 107, 141, 142, 146, 148, 151, 152, 163, 264
 Math 111, 145, 171, 172, 207- 209, 211
 Nutrition& 101
 Philosophy& 106
 Philosophy 115

SOCIAL SCIENCES
15 credits

Select from at least **2** different disciplines.

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
 Geography& 100, 200
 Geography 250, 277
 History& 116, 117, 118, 136, 137, 214, 215
 History 218, 234-238, 245-247, 256
 International Studies 101, 200, 201, 205
 Intra-American Studies 105, 115, 119, 210, 215, 218, 219, 245-247, 256, 270, 277, 284-286, 288, 289
 Philosophy& 101
 Philosophy 102, 115, 210, 230, 240, 248, 267
 Political Science& 101, 202, 203
 Political Science 221, 276
 Psychology& 100, 200, 220
 Psychology 206-210, 236, 245
 Social Science 100
 Sociology& 101, 201
 Sociology 112, 250, 288
 Women's Studies 205, 215, 284, 285, 286

III. GENERAL ELECTIVES—25 Credits

A minimum of 25 additional college-level credits numbered 100 or above is required for electives. Developmental courses and courses numbered below 100 may not be used. Electives may include any course listed in the distribution areas or in the Elective Courses section of the 2009-10 catalog. A maximum of 15 credits from the Restricted Electives course list of the catalog may be included.

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.

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.