



20000 68th Ave W  
Lynnwood, WA 98036-5999  
www.edcc.edu

# Associate of Science Degree Track 1 Chemistry, Environmental Science, Geology, and Earth Sciences Program Requirements 2011-2012

Student Name \_\_\_\_\_  
Student ID \_\_\_\_\_

**Program Description** The Associate of Science (AS) Transfer degree is designed to prepare science majors for transfer to a four-year institution with junior standing. The AS degree will generally provide the transferring student with at least ninety quarter (60 semester) credits upon entry to a four-year institution. This degree will satisfy some, but not all, of the general education requirements at the receiving institution.

**Degree Outcomes** Outcomes for Edmonds Community College degrees and certificates can be found in the online college catalog at the bottom of each degree or certificate. To find specific outcomes, click on the degree or certificate from the program list in the online catalog at <http://catalog.edcc.edu>.

**Common Course Numbering Changes** Please refer to [www.edcc.edu/ccn](http://www.edcc.edu/ccn) for more information.

Students who enter Edmonds Community College with clear intentions of majoring in a science are strongly advised to plan their course of study by meeting with an appropriate adviser to review the specific degree requirements for their academic program at their intended transfer institution. For more information about the AS Degree and transferring to a 4-year college visit: <http://transferdegrees.edcc.edu>

**Credit/Grade Requirements** This AS degree is awarded upon completion of a minimum of **90 credits of General Requirements, Distribution Requirements, Specific Requirements, Additional Math/Science Courses, and General Electives** as outlined with a minimum cumulative GPA of 2.0 in all college-level courses. At least 30 credits must be earned at Edmonds Community College.

**Cultural Diversity** Students pursuing an AS degree must meet the 5-credit Cultural Diversity requirement by completing a course marked as “:CD” on the requirement sheet and/or “Meets Cultural Diversity Requirement” in the quarterly class schedule. Those courses may also be used to fulfill other requirements of the degree.

## Students Are Advised To

- Consult with a science faculty adviser and the appropriate department at your four-year transfer institution about course selection and completion of degree requirements
- Plan your schedule, in consultation with a science faculty adviser, several quarters in advance to accommodate courses that are offered only once or twice per year
- Review the college catalog for required course prerequisites and include these in schedule planning
- At least three quarters before you plan to graduate, contact any college(s) where you have earned credits and have your official transcript(s) sent to Edmonds Community College
- Submit an “Evaluation Request-Transfer Credits” form (available in Enrollment Services) to activate the process of transferring credits to Edmonds Community College

**Graduation Application** A completed Graduation Application form must be submitted to Enrollment Services by the 10<sup>th</sup> day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall, or online at [www.edcc.edu/credentials/](http://www.edcc.edu/credentials/)

## College Resources

EdCC Home Page	<a href="http://www.edcc.edu">http://www.edcc.edu</a>
How to Enroll	<a href="http://getstarted.edcc.edu">http://getstarted.edcc.edu</a>
Transfer Center	<a href="http://transfer.edcc.edu">http://transfer.edcc.edu</a>
College Bookstore	<a href="http://bookstore.edcc.edu">http://bookstore.edcc.edu</a>
Advising appointments	425-640-1458

## PLANNING NOTES

1. A maximum of 5 credits in performance/skills courses may be applied to the Humanities distribution requirement. (See the Distribution Requirements list)
2. A maximum of 5 credits in foreign language at the 100 level may be applied to the Humanities distribution requirement

<u>Course</u>	<u>Qtr</u>	<u>Cr</u>	<u>Gr</u>
<b>I. General Requirements (23 Credits)</b>			
<b>Written Skills (10 Credits)</b>			
ENGL& 101 English Composition I	_____	5	_____
ENGL& 102 Composition II <b>OR</b>	_____		_____
ENGR 231 Intro to Tech Writing	_____	5	_____
<b>Quantitative Skills (10 Credits)</b>			
MATH& 151 Calculus I	_____	5	_____
MATH& 152 Calculus II	_____	5	_____
<b>HLTH/PE (3 Credits)</b>			
HLTH 100 <b>OR</b>	_____	3	_____
HLTH 105 <b>OR</b>	_____	4	_____
HLTH 150 <b>OR</b>	_____	3	_____
PE _____	_____	3	_____
<input type="checkbox"/> <b>Cultural Diversity requirement met (See pg. 1)</b>			
<b>II. Distribution Requirements (15 Credits)</b>			
A. Humanities (Minimum 5 Credits) (Planning Notes 1 and 2)			
_____	_____	_____	_____
_____	_____	_____	_____
B. Social Sciences (Minimum 5 Credits)			
_____	_____	_____	_____
_____	_____	_____	_____
<b>III. Specific Requirements (38-42 credits)</b>			
CHEM& 141, 151 General Chemistry I	_____	6	_____
CHEM& 142, 152 General Chemistry II	_____	6	_____
CHEM& 143, 153 General Chemistry III	_____	6	_____
<i>Choose carefully in consultation with an adviser:</i>			
MATH& 153 Calculus III <b>OR</b>	_____		_____
MATH& 146 Intro to Statistics	_____	5	_____
<i>Choose at least one of the following sequences carefully in consultation with your adviser:</i>			
BIOL& 211 Majors Cellular	_____	5.5	_____
BIOL& 212 Majors Animal	_____	6	_____
BIOL& 213 Majors Plant	_____	6	_____
<b>OR</b>			
CHEM& 241, 251 Organic Chemistry I	_____	6	_____
CHEM& 242, 252 Organic Chemistry II	_____	6	_____
CHEM& 243, 253 Organic Chemistry III	_____	6	_____
<b>OR</b>			
PHYS& 121, 131 General Physics I	_____	5	_____
PHYS& 122, 132 General Physics II	_____	5	_____
PHYS& 123, 133 General Physics III	_____	5	_____
<b>OR</b>			
PHYS& 221, 231 Engineering Physics I	_____	5	_____
PHYS& 222, 232 Engineering Physics II	_____	5	_____
PHYS& 223, 233 Engineering Physics III	_____	5	_____
<b>IV. Additional Math/Science Courses (10 - 15 credits)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>Total Credits (minimum 90)</b>	_____	_____	_____

## Distribution Requirements

### A. Humanities

American Sign Language	&121, &122, &123, &221, &222, &223
Arabic	121, 122, 123, 221, 222, 223
Art	&100, 111, 112, 113, 126, 127, 128, 129, 130, 155, 225, 255
Chinese	&121, &122, &123
Communications	101
Communication Studies	&101, &210, 215, &220, 225, &230, 235,
Diversity Studies	157, 215, 257
Drama	&101
English	110, &111, 120, 125, 140, 141, 142, 151, 152, 155, 160, 161, 162, 165, 170, 171, 185, &220, &244, &245, &246, 255, 275, 276
French	&121, &122, &123, 210, &221, &222, &223,
German	&121, &122, &123, 220
Humanities	101, 105, 106, 108, 109, 120, 201, 202, 210, 220, 230, 235
Japanese	&121, &122, &123, &221, &222, &223
Journalism	125, 126, 135, 225
Music	101, 102, 103, &105, 106, 107, 126, &141, &142, &143, &241, &242, &243
Philosophy	&101
Spanish	&121, &122, &123, &221, &222, &223, 230

### Performance/Skills Courses

Art	101, 102, 103, 150, 151, 152, 153, 170, 171, 172, 173, 175, 176, 177, 180, 181, 226
Drama	151, 152, 153, 251, 252, 253
Music	111, 112, 113, 114, 115, 116, 117, 118, 119, 133, 134, 135, 147, 148, 149, 160, 161, 162, 170, 171, 172, 173, 185, 186, 187, 211, 212, 213, 214, 215, 216, 217, 218, 219, 247, 248, 249, 260, 261, 262, 270, 271, 272, 273, 285, 286, 287
Photography	101, 102, 103

### B. Social Sciences

Anthropology	&100, &104, 130, 155, 201, 202, 203, &206, &210, &215, &216, 255, 271
Business	&101
Diversity Studies	100, 117, 118, 119, 125, 130, 150, 151, 156, 200, 256
Economics	130, 140, 150, 155, &201, &202, 255
Geography	&100, 130, 140, 150, 207
History	104, 105, 106, 111, 112, &116, &117, &118, &146, &147, &148, 155, &214, 215, 230, 246, 248, 255
International Studies	200, 201, 202
Philosophy	&101, &106, 110, 155, 198, 255, 267, 298
Political Science	&101, 155, &200, &201, &202, &203, &204, 206, 210, 220, 224, 255
Psychology	&100, &200, 208, &220, 290
Social Science	155, 255
Sociology	&101, 115, 118, 125, 130, 150, 200, &201, 214
Women's Studies	200

### Additional Math/Science Courses

Biology	155, &175, &211, &212, &213, &241, &242, &260
Chemistry	&139, &241, &242, &243
Computer Science	115, &131, 132, 133, &141, 142, 143, 218
Mathematics	&141, &142, &146, &153, &254, 271, 272
Physics	&121, &122, &123, &221, &222, &223