



## Associate in Science (AST) Transfer Degree Requirements

### Biological Sciences/Chemistry/Environmental/Geology/Earth Sciences

#### 2012-2013 Degree Worksheet

Department	Course Number	Course Credits	Quarter Completed	Notes (see reverse side for list of appropriate classes)
<b>Communication</b>		5 Credits		
English				◆ Choose either: ENGL& 101 <i>or</i> 102 (5 credits required).
<b>Math</b>		10 Credits		
				◆ Two course at or above calculus.
				◆ Choose from: MATH& 151, 152, 153, 254, MATH 243, 255
<b>Humanities &amp; Social/ Behavioral Sciences</b>		15 Credits		
				◆ Complete at least one course from each of the two groups listed on the reverse side.
				◆ Courses must be selected from three different subject areas with a total of 15 credits required.
				◆ No more than 5 credits in any World Languages.
<b>Pre Major Courses 1. Chemistry</b>		15 Credits		
CHEM&	161			
CHEM&	162			
CHEM&	163			
<b>Pre Major Courses 2. Math</b>		5 Credits		
				◆ Choose either: MATH& 146 <i>or</i> 153 (5 credits required).
<b>Pre Major Courses 3. Science</b>		15 Credits		
				◆ BIOL& 211, 212, 213, <i>or</i>
				◆ PHYS& 134/124, 135/125, 136/126, <i>or</i>
				◆ PHYS& 241/231, 242/232, 243/233
<b>Pre Major Courses 4. Additional Science</b>		10 Credits		
				◆ 10-15 credits in Physics, Geology, Organic Chemistry, Biology, <i>or</i> Mathematics, consisting of courses normally taken for science majors, (not for general education), preferably in a 2- or 3-quarter sequence. Refer to list on reverse side.
<b>Electives</b> (Program Specific Under Advisement)		10-15 Credits		
				Sufficient additional college-level credits so that total credits earned are at least 90 credits. 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 the advisor.
				**Some baccalaureate programs require physics with calculus.
				*** A single course cannot count in two areas.
				Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend.

**NOTICE:** For transferring students, 75 of the 90 credits must be fully transferable as defined by the Intercollegiate Relations Commission (ICRC) guidelines for the Direct Transfer Agreement to be honored by four-year institutions in Washington. A maximum of 15 elective credits may be professional/technical courses numbered 100 or above. Due to the specialized nature of many of the listed courses, students should consult their advisor and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

**DISCLAIMER:** 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 advisor for 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.

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## Biological Sciences/Chemistry/Environmental/Geology/Earth Sciences

### 2012-2013 Degree Worksheet

#### Communication (5 credits)

- ◆ ENGL& 101 or 102

#### Math (10 credits)

- ◆ MATH& 151, 152, 153, 254, MATH 243, 255

#### Humanities / Social & Behavioral Science (15 credits)

**Complete at least one course from each of the following groups. Courses must be selected from three different subjects.**

##### Group 1:

- ◆ ART& 100, ART 116, 117, 118, 119, 120, 121
- ◆ CMST 221, 246
- ◆ DRMA& 101, DRMA 215
- ◆ ENGL& 111, 220, 236, 237, 244, 245, 246, 254, 255, 256, ENGL 140, 160, 180, 195, 203, 210, 257, 264, 265, 266, 280
- ◆ HIST& 126, 127, 128
- ◆ ICS 120, 125, 130, 135, 222
- ◆ MUSC& 105, MUSC 116
- ◆ PHIL& 101, 106, PHIL 131, 150
- ◆ WS 155, 160
- ◆ World Languages 121 & above (excluding conversational classes) All World Languages courses count as a single subject.
- ◆ EFL 101, 111

##### Group 2:

- ◆ PSYC& 100, 200, 220, PSYC 103, 201, 205
- ◆ SOC& 101, 201, SOC 110, 150, 269
- ◆ ANTH& 100, 204, 206, 234
- ◆ ECON& 201, 202, ECON 110, 291
- ◆ GEO 150
- ◆ HIST& 146, 147, 148, HIST 107, 108, 110, 111, 112, 113, 115, 116, 117, 233
- ◆ ICS 255
- ◆ POLS& 201, 202, 203, 204, POLS 104, 205
- ◆ SSCI 290/2901

#### Pre Major Courses (45-50 credits)

##### Pre major 1 (15 credits)

- ◆ CHEM& 161, 162, 163

##### Pre major 2 (5 credits)

- ◆ MATH& 146 or MATH& 153

##### Pre major 3 (15 credits)

- ◆ BIOL& 211, 212, 213 or
- ◆ PHYS& 134/124, 135/125, 136/126 or
- ◆ PHYS& 241/231, 242/232, 243/233

##### Pre major 4 (10-15 credits)

10-15 quarter credits in Physics, Geology, Organic Chemistry, Biology, or Mathematics, consisting of courses normally taken for Science majors (not for general education), preferably in a 2-3 quarter sequence.

#### Electives (Program Specific Under Advisement)

Sufficient additional college-level credits so that total credits earned are at least 90 credits. 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 the advisor.

\*\*Some baccalaureate programs require physics with calculus.

\*\*\* A single course cannot count in two areas.

Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend.

The Associate of Science degree does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

#### NOTE:

- ◆ Required minimum credits 90.
- ◆ Required minimum cumulative GPA 2.0.
- ◆ A minimum of 30 credits from CBC courses.
- ◆ Depending on your major, some course choices may be more appropriate than others.
- ◆ Consult with your counselor or faculty advisor.

