Associate of Science Degree, Track 1 Worksheet
(Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, & Earth Sciences)

Note to Advisors: This worksheet is intended for students with an interest in transferring to a baccalaureate institution in the State of Washington in one of the targeted disciplines (note that this worksheet does NOT apply to Associate of Applied Science (AAS) degrees). For many students, the Associate of Arts (AA) degree may be better suited for transfer to certain baccalaureate institutions. Students should meet early in their matriculation at Olympic College with an academic faculty advisor (see reverse side) to determine the degree suitable for them. The Associate of Science (A.S) degree student, in consultation with an academic faculty advisor, will maintain this checklist while the student matriculates at Olympic College. This checklist, signed by the student and the academic faculty advisor, should be submitted with a graduation application to the Registrar's office one quarter before expected degree completion. Note: Courses in a foreign language are not required for the AS degree, but some baccalaureate institutions may require 2 or 3 quarters of foreign language for admission or for graduation.

Student: ___________________________ Academic Faculty Advisor: ___________________________
Signature: ___________________________ Signature: ___________________________

Major: ___________________________
Transfer to: ___________________________

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Quarter Completed</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
<td>Composition</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Composition</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 235</td>
<td>Technical Writing</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BASIC COMMUNICATIONS SKILLS** (10 credits)

**BASIC QUANTITATIVE SKILLS** (15 credits)

**DISTRIBUTION REQUIREMENTS** (15 credits selected from both the Distribution Requirements list. At least 5 credits from Humanities and 5 credits from Social Sciences, and an additional 5 credits from either—see catalog for Distribution Requirements list)

**PRIMARY REQUIRED SCIENCES**

CHEM 141/151 General Chemistry I and Lab 6.5
CHEM 142/152 General Chemistry II and Lab 6.5
CHEM 143/153 General Chemistry III and Lab 6

(In consultation with an advisor, choose at least one of the following complete sequences) **See Note 1**

PHYS 114, 115, 116 General Physics I, II, III with Lab 18
PHYS 254, 255, 256 Engineering Physics I, II, III with Lab 18
BIOL 211, 212, 213 Majors Biology I, II, III with Lab 15

**ADDITIONAL SCIENCE AND MATHEMATICS REQUIREMENTS** (10 credits minimum from this list. After completion of the Primary Science Requirement, other courses from the Primary Science may be used as Additional Science Requirements) **See Note 1**

BIOL 241 Human A & P 1 6
BIOL 242 Human A & P 2 6
BIOL 260 Microbiology 5
CHEM 241/251 Organic Chemistry I and Lab 5.5
CHEM 242/252 Organic Chemistry II and Lab 6
CHEM 243/253 Organic Chemistry III and Lab 7
GEOL 101 Intro to Physical Geology 5
GEOL 110 Environmental Geology 5
GEOL 103 Historical Geology 5
CS& 141 Computer Science 1 Java 5
MATH 264 Calculus 4 5
MATH 221 Differential Equations 5
MATH 250 Linear Algebra 5

**REMAINING CREDITS** (10 credits minimum, with a limit of 5 Restricted Elective credits – see catalog for Restricted Electives list)

| | | | | |
| | | | | |

(Updated 7/2017– C. Geyer, Chemistry Faculty) Total: minimum 90 credits required **See Note 2** and minimum 2.0 GPA **See Note 3**

**Note 1:** Science and Mathematics Requirements should be chosen to meet the requirements of the desired major at the baccalaureate institution.

**Note 2:** Most scientific disciplines require more than 90 credits to achieve junior standing.

**Note 3:** The required GPA for transfer to a Washington baccalaureate institution is 2.75 minimum, per the Direct Transfer Agreement. (The University of Washington is governed by a separate agreement). Specific departments may require higher than 2.75; contact advisors at the baccalaureate institution for details.
## Associate of Science Degree, Track 1 Worksheet
(Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, & Earth Sciences)

### ACADEMIC FACULTY ADVISORS

<table>
<thead>
<tr>
<th>Major Discipline</th>
<th>Advisor</th>
<th>Office</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Baldwin, Ted</td>
<td>ST-205</td>
<td>475-7733</td>
<td><a href="mailto:tbaldwin@olympic.edu">tbaldwin@olympic.edu</a></td>
</tr>
<tr>
<td>Biology</td>
<td>Dodge, Dr. Matt</td>
<td>OCP-208</td>
<td>394-2747</td>
<td><a href="mailto:mdodge2@olympic.edu">mdodge2@olympic.edu</a></td>
</tr>
<tr>
<td>Biology</td>
<td>Elauria, Dr. Angela</td>
<td>ST-206</td>
<td>475-7734</td>
<td><a href="mailto:aelauria@olympic.edu">aelauria@olympic.edu</a></td>
</tr>
<tr>
<td>Biology</td>
<td>Ferguson, Deanna</td>
<td>ST-208</td>
<td>475-7274</td>
<td><a href="mailto:dferguson@olympic.edu">dferguson@olympic.edu</a></td>
</tr>
<tr>
<td>Chemistry</td>
<td>Flowers, Dr. Billy</td>
<td>ST-209</td>
<td>475-7707</td>
<td><a href="mailto:bflowers@olympic.edu">bflowers@olympic.edu</a></td>
</tr>
<tr>
<td>Chemistry</td>
<td>Geyer, Cameon</td>
<td>ST-213</td>
<td>475-7728</td>
<td><a href="mailto:cgeyer@olympic.edu">cgeyer@olympic.edu</a></td>
</tr>
<tr>
<td>Biology</td>
<td>Lawrence, Amy</td>
<td>ST-216</td>
<td>475-7732</td>
<td><a href="mailto:alawrence@olympic.edu">alawrence@olympic.edu</a></td>
</tr>
<tr>
<td>Geology</td>
<td>Macias, Steve</td>
<td>ST-119</td>
<td>475-7711</td>
<td><a href="mailto:smacias@olympic.edu">smacias@olympic.edu</a></td>
</tr>
<tr>
<td>Chemistry</td>
<td>Pellock, John</td>
<td>OCP 213</td>
<td>394-2771</td>
<td><a href="mailto:jpelllock@olympic.edu">jpelllock@olympic.edu</a></td>
</tr>
</tbody>
</table>

### Core Abilities
- **Communication**: Oral or Non-verbal
- **Thinking**: Critical Analysis or Problem Solving
- **Lifelong Learning**: 
- **Global Perspectives**: 
- **Information Literacy & Technology**:

Page 2 of 2