**Academic Planning Worksheet for Integrated Sciences**

This worksheet is designed to help you learn about and plan for admission to your intended major and University general education requirements. **As progress toward your intended major is a factor in transfer admission review,** this information is also a part of the transfer admission application. **More info:** [admit.washington.edu](http://admit.washington.edu)

1. The Major

**Major Profile**
In the admission decision for this and every major, a wide range of factors are taken into consideration. The profile should not be used to overstate the importance of grades in the admission decision for academic majors but it may offer some guidance as you plan for transfer.

Undergraduates in INTSCI of Autumn 2012 ............. 0

...from Washington community colleges:

<table>
<thead>
<tr>
<th>Entering Transfer GPA</th>
<th>From Washington community colleges</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.75-4.00</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3.50-3.74</td>
<td>0</td>
<td>0</td>
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<tr>
<td>3.25-3.49</td>
<td>0</td>
<td>0</td>
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<tr>
<td>3.00-3.24</td>
<td>0</td>
<td>0</td>
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<tr>
<td>2.75-2.99</td>
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<td>0</td>
</tr>
<tr>
<td>2.50-2.74</td>
<td>0</td>
<td>0</td>
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<tr>
<td>2.49 and below</td>
<td>0</td>
<td>0</td>
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</tbody>
</table>

Total from Washington community colleges ...... Total 0

**Department Admission Information**

Admission is competitive, based on cumulative GPA and grades in basic science and mathematics courses, basic science or mathematics instructor recommendation, personal statement, and demonstrated interest in science or science education.

- Minimum 2.50 cumulative GPA and minimum 2.0 grade in all basic science and mathematics applied to the major. Achieving grade minimums does not guarantee admission.
- Minimum 35-45 credits from basic science and mathematics courses (see below), including a minimum 15 credits in each of two fields and a minimum 15 credits combined from the remaining three fields.
- Applications, including all supporting materials, must be submitted by April 5 for autumn quarter and January 5 for spring quarter.

Visit the general catalog for more information on this major: [http://www.washington.edu/students/gencat/academic/intsci.html](http://www.washington.edu/students/gencat/academic/intsci.html)

**Eligible Courses for Admission to Major**

Minimum 35-45 credits from basic science and mathematics courses below, including a minimum 15* credits in each of two fields and a minimum 15 credits combined from the remaining three fields.

**Directions:** Record the courses you **have taken, are taking, or plan to take** prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

<table>
<thead>
<tr>
<th>UW Course</th>
<th>Dept. Prefix &amp; Number</th>
<th>Term/Year</th>
<th>Credits</th>
<th>Grade, In Progress (IP) or Projected (P)</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: MATH 124 – Calculus I</td>
<td>MATH&amp; 151</td>
<td>AUT 08</td>
<td>5</td>
<td>A-</td>
<td>BC</td>
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<tr>
<td>BIOL 180 NW – Introductory Biology</td>
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<tr>
<td>BIOL 200 NW – Introductory Biology</td>
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<tr>
<td>BIOL 220 NW – Introductory Biology</td>
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<tr>
<td>One of the following CHEM sequences:</td>
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<tr>
<td>CHEM 142 NW QSR - General Chemistry</td>
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<td>CHEM 152 NW - General Chemistry</td>
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<tr>
<td>CHEM 162 NW - General Chemistry</td>
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<td>Or...</td>
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<tr>
<td>CHEM 145 NW QSR - Advanced General Chemistry</td>
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<td>CHEM 155* NW QSR - Advanced General Chemistry</td>
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<tr>
<td>CHEM 165 NW QSR - Advanced General Chemistry</td>
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</tbody>
</table>
ESS 211 NW – Physical Processes of the Earth

ESS 212 NW – Earth Materials and Processes

ESS 213 NW – Evolution of the Earth

One of the following MATH sequences:

- MATH 124 NW QSR - Calc Analyt Geom I
- MATH 125 NW - Calc Analyt Geom II
- MATH 126 NW – Calc Analyt Geom III

Or:

- STAT 311 NW QSR – Elements of Statistical Methods

OR:

- MATH 134 NW QSR - Accelerated [Honors] Calculus
- MATH 135* NW - Accelerated [Honors] Calculus
- MATH 136 NW - Accelerated [Honors] Calculus

OR:

- Q SCI 291 NW QSR – Analysis for Biologists I
- Q SCI 292 NW QSR – Analysis for Biologists II
- Q SCI 381 NW QSR – Intro to Probability and Statistics

One of the following PHYS series:

- PHYS 114/117 NW QSR – General Physics
- PHYS 115/118 NW QSR – General Physics
- PHYS 116/119 NW QSR – General Physics

OR:

- PHYS 121 NW QSR – Mechanics
- PHYS 122 NW - Elmag & Oscil Motn
- PHYS 123 NW – Waves

OR:

- PHYS 210 NW – Physics by Inquiry I
- PHYS 211 NW – Physics by Inquiry I
- PHYS 212 NW – Physics by Inquiry I

Additional Information:

*Note: The 10-credit Honors general chemistry sequence (CHEM 145 and CHEM 155), and the Honors accelerated calculus sequence (MATH 134 and MATH 135), may be substituted for the 15-credit non-Honors sequences.

Q SCI 291, QSCI 292, and Q SCI 381 only for students pursuing Aquatic Fishery Sciences and Environmental Sciences and Terrestrial Forest Resources disciplinary tracks; recommended for those tracks.

Students choosing the Biology, Chemistry, or Earth and Space Sciences track must take 15 credits in that discipline as part of the Basic Science and Mathematics course requirements for the major.

Students choosing the Astronomy, Atmospheric Sciences, or Physics track must take MATH 126 and PHYS 121, PHYS 122, and PHYS 123 as part of the Basic Science and Mathematics course requirements for the major.

TIP: To find courses at your community college equivalent to the prerequisites listed, use the Equivalency Guide for Washington Community & Technical Colleges, admit.washington.edu/BeforeYouApply/Transfer/Plan/EquivalencyGuide. In order to compare course titles and descriptions from your current school to those offered at the UW, visit www.washington.edu/students/crs Cat.
2. General Education & Basic Skills Requirements for the College of Arts and Sciences

This major is in the College of Arts and Sciences, and these are requirements for graduation from that college. You’ll find that many of them overlap with prerequisites for the major and requirements for an associate degree. However, completion of the associate degree does not in itself guarantee completion of UW general education or basic skills requirements so it is in your best interest to work these into your schedule before you transfer.


Directions: Record the courses you have taken, are taking, or plan to take prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

General Education Requirements

<table>
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English Composition C, 5 credits

Additional Writing W, 10 credits

Quantitative & Symbolic Reasoning QSR, 5 credits

Foreign Language, first-year college level, third-year high school level, or equivalent

Areas of Knowledge AoK - To graduate, students complete 75 credits among the three areas listed below. It is not necessary or even recommended to complete the entire AoK before transferring. It is just as important to work on prerequisites for your major.

Natural World NW
(Natural Sciences)

Individuals & Societies I&S
(Social Sciences)

Visual, Literary & Performing Arts VLPA
(Humanities)