

# EARTH and SPACE SCIENCES



NAME \_\_\_\_\_ INTENDED QUARTER OF ENTRY \_\_\_\_\_

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 ESS, as of Autumn 2017.....213  
 ...from Washington community colleges:

<i>Entering Transfer GPA</i>	
3.75-4.00 .....	4
3.50-3.74 .....	7
3.25-3.49 .....	4
3.00-3.24 .....	10
2.75-2.99 .....	4
2.50-2.74 .....	0
2.49 and below .....	1

Total from Washington community colleges ..... Total 30

### Department Admission Information

Admission to this major is open. Students in good academic standing can declare this major at any time. Although admission is open, students are strongly encouraged to prepare for the major before transfer. ESS offers several major options, for specific advice about which courses are best suited to which options, please contact ESS Student Services.

To become a major, contact [essadv@uw.edu](mailto:essadv@uw.edu) for an advising appointment. Also, take a look at the undergraduate program section of the department website at [www.ess.washington.edu](http://www.ess.washington.edu).

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

### Courses Recommended for Admission to Bachelor of Arts

**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.

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
<i>Example: MATH 124 – Calculus I</i>	<i>MATH&amp; 151</i>	<i>AUT 08</i>	<i>5</i>	<i>A-</i>	<i>BC</i>

One of the following sequences:

Q SCI 291 NW QSR - Analysis for Biologists I

Q SCI 292 NW QSR - Analysis for Biologists II

OR

MATH 124 NW QSR - Calc Analyt Geom I

MATH 125 NW - Calc Analyt Geom II

One of the following courses:

PHYS 121 NW QSR – Mechanics<sup>1</sup>

OR

PHYS 114 NW QSR – General Physics

PHYS 117 NW – General Physics Lab

CHEM 142 NW QSR – General Chemistry

ESS 101 NW –Intro to Geological Sciences

<sup>1</sup>PHYS 114/PHYS 117 can substitute for PHYS 121

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# ACADEMIC PLANNING WORKSHEET /APW for EARTH AND SPACE SCIENCES / 2018

## Additional Information:

15 Credits of supporting science courses to be selected from the following:

- ASTR 101 or ASTR 201; ASTR 150, ASTR 301
- ATMS 101, ATMS 211, ATMS 301, ATMS 321
- BIOL 161, BIOL 162, BIOL 180, BIOL 200, BIOL 220
- CHEM 152, CHEM 162
- CSE 142
- GEOG 360, GEOG 460
- MATH 126
- OCEAN 101 or 200
- PHYS 115/118 or PHYS 122; PHYS 116/119 or PHYS 123
- QSCI 381, QSCI 392, QSCI 393
- STAT 311

Note to two-year transfers: It is recommended that these courses be taken at the community college.

## Courses Recommended for Admission to Bachelor of Science

**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.

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
<i>Example: MATH 124 – Calculus I</i>	<i>MATH&amp; 151</i>	<i>AUT 08</i>	<i>5</i>	<i>A-</i>	<i>BC</i>
MATH 124 NW QSR - Calc Analyt Geom I					
MATH 125 NW - Calc Analyt Geom II					
MATH 126 NW - Calc Analyt Geom III					
PHYS 121 NW QSR – Mechanics <sup>2</sup>					
PHYS 122 NW – Elmag & Oscil Motn					
PHYS 123 NW – Waves					
CHEM 142 NW QSR – General Chemistry					
CHEM 152 NW QSR – General Chemistry					
ESS 101 NW – Intro to Geological Sciences					
<u>One of the following courses:</u>					
MATH 307 NW – Intro to Differential Equations					
OR					
MATH 308 NW – Matrix Algebra with Applications					
OR					
STAT 311 NW QSR - Elements of Statistical Methods					

<sup>2</sup> PHYS 114/PHYS 117, PHYS 115/PHYS 118, PHYS 116/PHYS 119 can substitute for PHYS 121, PHYS 122, and PHYS 123 for non-Physics Option students.

**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](http://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/crscat](http://www.washington.edu/students/crscat).



## 2. General Education & Basic Skills Requirements for the College of the Environment

This major is in the College of the Environment, 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. *More info:*

<http://www.washington.edu/uaa/advising/degreeplanning/gereqs.php>

**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

UW Course	Dept. Prefix & Number	Term/Year	Credits	Grade, In Progress (IP) or Projected (P)	College
<i>Example: MATH 124 – Calculus I</i>	<i>MATH&amp; 151</i>	<i>AUT 08</i>	<i>5</i>	<i>A-</i>	<i>BC</i>
<i>English Composition C, 5 credits</i>					
<i>Additional Writing W, 10 credits</i>					
<i>Quantitative &amp; Symbolic Reasoning QSR, 10 credits</i>					

**Areas of Knowledge AoK** - To graduate, students complete 60 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. Students entering the University of Washington must also meet a Diversity requirement. These credits simultaneously satisfy other Area of Knowledge requirements and do not add to the total number of credits you need to graduate. For more information, go to: <http://www.washington.edu/uaa/advising/academic-planning/general-education-requirements/diversity/>

*Natural World NW*  
(Natural Sciences) 20 credits minimum\*

*Individuals & Societies I&S*  
(Social Sciences) 20 credits minimum\*

*Visual, Literary & Performing Arts VLPA*  
(Humanities) 10 credits minimum

\* 10 credits of I&S and 10 credits of NW must be outside the major (i.e., not a major prefix and no overlap with major)