

Earth System Science, B.S (ESS)



UNIVERSITY of WASHINGTON | BOTHELL
SCHOOL OF INTERDISCIPLINARY ARTS AND SCIENCES

[Website](#)

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- This is a suggested schedule of courses based on degree requirements. The actual degree plan may differ depending on the course of study selected, the number of starting credits, or the starting admission point.
- This guide is not a substitute for academic advising. Contact your academic advisor with questions about scheduling, unique interests, or degree requirements.
- UW Bothell students in good standing can declare a major in Earth System Science once all prerequisites are completed. If you are ready to submit a declaration form follow this link to the [IAS Major Declaration Form](#)

Y E A R 1	Autumn	Winter	Spring
	✓ ♦ B WRIT 134 Composition (C)	B MATH 123 Precalculus 2 (NSc)	✓ ♦ ST MATH 124 Calculus 1 (NSc)
	B MATH 122 Precalculus 1	✓ ♦ Intro Earth Systems Science Course	✓ Intro Earth Systems Science Course
	❖ A&H	❖ A&H	✓ B WRIT 135 Research Writing (C)
Y E A R 2	Autumn	Winter	Spring
	✓ B CHEM 143/144 (NSc) Gen Chem 1 & Lab	✓ B PHYS 114 & 117 OR B PHYS 121 (NSc) Physics 1 & Lab	✓ BIS 215 Statistics (RSN)
	✓ B BIO 180 (NSc) Biology 1	★ Additional Foundational Science	★ Additional Foundational Science
	✓ Intro Earth Systems Science Course	✓ BIS 245 Environment & Humanities (A&H)	SSc
Y E A R 3	Autumn	Winter	Spring
	✓ BIS 342 Geographic Information Systems (SSc)	★ Computer Methods & Quantitative Analysis	✓ BES 301: Science Research Methods OR BST 301 Science Writing (W)
	★ Earth System Science Focus	★ Earth System Science Focus	★ Earth System Science Focus
	SSc	Elective	★ Computer Methods & Quantitative Analysis
Y E A R 4	Autumn	Winter	Spring
	✓ BES 492 Capstone 1	✓ BES 493 Capstone 2	★ Earth System Science Focus
	★ Human Dimensions of the Earth System	★ Human Dimensions of the Earth System	Elective
	Elective	Elective	Elective

♦ Prerequisite: Must be completed prior to applying for a major

✓ = Major Coursework: Courses that are necessary to timely progress through and complete a major.

❖ May be fulfilled with Discovery Core

★ = See list of choices on major webpage; One ESS Focus must also be a (F) Field Course

Refer to the time schedule for up to date course offerings; including quarters, days and times. This Map is a suggested sequence of the current curriculum which may be altered to carry out the academic objectives of the University. The University specifically reserves the right to change the student's current map at any time within the student's period of study. Last updated: 6/21/24 WB