

**D. Minor Checksheet**

**College of Agriculture and Life Sciences Minor in  
Ecosystems for Human Well-Being  
For students entering under UG Catalog 2023-2024**

The minor consists of 18 credit hours to include 9 required credits and 9 restricted elective credits.

**I. Required Courses (9 credits)**

<i>Pathways info<sup>1</sup></i>	<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
Introduction/Foundational Experience Required Course 4,11	ENSC 1015	Foundations of Environmental Science	3
Mid-level Experience Required Course 2, 3, 10	HIST 3144	American Environmental History	3
Capstone Experience Required Course 3,4,11	PHS 4054,	Concepts in One Health (Pre: Junior Standing)	3

**II. Electives (9 credits). Choose one course from each of the three areas Environment, Health, and Culture.**

**ENVIRONMENT:** Select a minimum of 1 course

<i>Pathways info</i>	<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
3,7,11	AAEC 3324	Environmental and Sustainable Development Economics (Pre: AAEC 1005 or AAEC 1006 or ECON 2005)	3
1a, 2, 10, 11	ENGL 3534	Literature and the Environment (ENGL 1106 or 1204H or COMM 1016)	3
4, 11	FREC 2004	Forest Ecosystems	3
3, 4, 11	FREC 2124	Forests, Society, and Climate	3
3, 10	GEOG 2004 (WATR 2004)	Water, Environment, and Society	3
3, 11	GEOG 3104	Environmental Problems, Population and Development	3
2, 3, 11	STS 3334	Energy and Society	3

**HEALTH:** Select a minimum of 1 course

<i>Pathways info</i>	<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
4, 10, 11	CSES 2244	Agriculture, Global Food Security, and Health	3
Not pathways	ENGL 3154	Literature, Medicine, and Culture (ENGL 1106 or 1204H or COMM 1016)	3
3, 11	GEOG 4074	Medical Geography (Pre: Jr. Standing)	3
3, 7, 10	HIST 3724	History of Disease, Medicine, and Health	3
3, 11	HNFE 2664	Behavioral Theory in Health Promotion	3
Not pathways	PHS 3014	Environmental Health	3
3, 7, 11	PSYC 3024	Human Behaviors and Natural Environments (Pre: 1004)	3

**CULTURE:** Select a minimum of 1 course

<i>Pathways info</i>	<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
3, 11	AINS 1104	Introduction to American Indian Studies	3
2, 7, 11	APS/HUM 1704	Introduction to Appalachian Studies	3
1a, 7, 10	ENGL 2634	Writing and Social Justice (Pre: ENGL 1106 or 1204H or COMM 1016)	3
4, 11	HORT/FREC 2134	Plants and Greenspaces in Urban Communities	3
3, 11	HORT 2184	Plants, Places, Culture Globally	3
2, 3, 11	HTM 3484	Socio-cultural Impacts of Tourism	3
2, 3, 11	STS 1504	Introduction to Science, Technology and Society	3

<sup>1</sup>Pathways Core Concepts: 1= Discourse, 2 = Critical thinking in the Humanities, 3 = Reasoning in the Social Sciences, 4 = Reasoning in the Natural Sciences, 5 = Quantitative and Computational Thinking, 6 Critique and Practice in Design and the Arts, 7 = Critical

Analysis of Identity and Equity in the United States. Pathways Integrative Concepts: 10 = Ethical Reasoning, 11 = Intercultural and Global Awareness.

**Minimum GPA requirements:** Must have a 2.0 or higher for all courses used to complete this minor.

**Prerequisites:** Some courses in the minor requirements have prerequisites. Please refer to Undergraduate Course Catalog or consult your advisor for information about prerequisites.

Steps for Completing the Minor

1. Print and complete the CALS Request to add minor form online at:  
[https://www.cals.vt.edu/content/dam/cals\\_vt\\_edu/current/files/change-major-minor.pdf](https://www.cals.vt.edu/content/dam/cals_vt_edu/current/files/change-major-minor.pdf)
2. Declare the minor in the School of Plant and Environmental Sciences 236 Smyth Hall and obtain departmental signature on the form.
3. Students cannot graduate until they have either (a) satisfied the requirements for the minor or (b) withdrawn from the minor.

From more information contact Dr. Matthew Eick (540)231-8943, [eick@vt.edu](mailto:eick@vt.edu) or Renee Eaton (540)231-5987, [rselberg@vt.edu](mailto:rselberg@vt.edu)