

PATHWAYS TO SUSTAINABILITY

What is it?

Set in a student-centered learning community, the Pathways to Sustainability minor begins with an introductory two-course series focused on **systems thinking across natural, social, and economic contexts**. This is followed by elective courses in the domains of **humanities, environmental science, and art and design**. In addition to an integrative capstone course.



Why do it?

Students need an **expansive, multi-college conceptualization of sustainability and complementary set of tools and strategies** to empower them to lead in a diverse, interconnected and dynamic world. This minor integrates perspectives and tools from natural and social sciences with those from art, design, and humanities.

Who is it for?

The primary audience for this minor includes **STEM and professional majors**. However, majors outside STEM fields will also benefit from the **broad interdisciplinarity** of this minor.

Pathways Core Concepts*

- 1a - Advanced/Applied Discourse
- 2 - Critical Thinking in the Humanities
- 3 - Reasoning in the Social Sciences
- 4 - Reasoning in the Natural Sciences
- 5a - Advanced Quantitative & Computational Thinking
- 6d - Critique and Practice in Design
- 6a - Critique and Practice in the Arts
- 7 - Critical Analysis of Identity and Equity in the U.S.

Pathways Integrative Concepts

- Ethical Reasoning
- Intercultural and Global Awareness

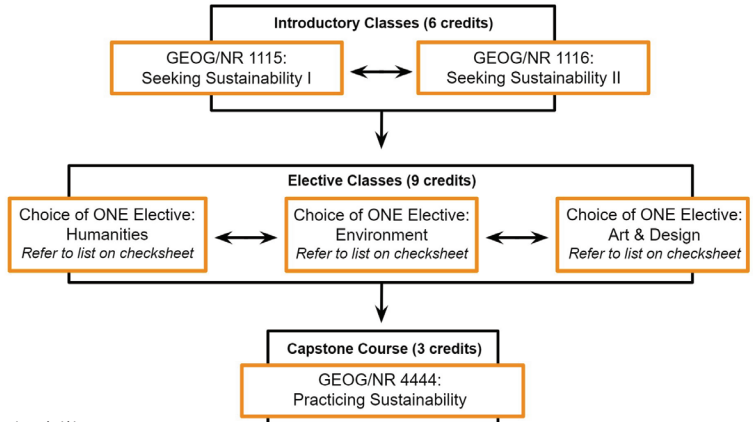
*At least three of these core concepts will be completed, but concepts will vary depending on elective choices.

PATHWAYS MINORS

PATHWAYS TO SUSTAINABILITY

Requirements

The 18-credit hour minor in Pathways to Sustainability includes 9 hours of required courses as well as 9 hours of elective Pathways courses selected from a list.



Required courses

GEOG/NR 1115: Seeking Sustainability I
GEOG/NR 1116: Seeking Sustainability II
GEOG/NR 4444: Practicing Sustainability*

*prerequisite: GEOG/NR 1116

Elective courses

Students select 9 credit hours of elective Pathways courses in 3 categories (humanities, environment, and art & design). For a complete list of elective courses, consult the checksheet at <https://registrar.vt.edu/graduation-multi-brief/index1.html>.



- Identify interconnections and dynamics between social institutions, environmental systems, and economic processes.
- Discover, comprehend, and analyze information from diverse sources within multiple historical, intellectual, and cultural contexts.
- Analyze the ways in which values and beliefs affect human behavior.
- Synthesize complex sources to create a cohesive narrative argument.
- Apply interpretative strategies or methodologies in design and/or the arts.
- Develop content appropriate to specific audiences and purposes.

www.pathways.prov.vt.edu/minors

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PATHWAYS GENERAL EDUCATION