A vibrant, flexible, and innovative general education program that provides a coherent and meaningful learning experience and allows students to integrate the learning for use throughout their lifetimes.

Mission
As a central component of the undergraduate experience at Virginia Tech, the Pathways curriculum will guide students to examine the world from multiple perspectives and integrate their knowledge across disciplines and domains of learning through a hands-on, minds-on approach.

Structure

The Pathways Curriculum includes a total of 45 credits over 7 core concepts and 2 integrative concepts. Students choose courses from the different concept categories to fulfill the credit hour requirements. Many AP, IB, dual enrollment, and transfer courses may count for credit.

Some students might pursue a Pathways Minor or an Alternative Pathway as means of completing a portion of the requirements.

Pathways Minor
Some students might complete a Pathways Minor to experience the breadth of learning in general education as well as depth and integration through a cross-disciplinary minor program.
- Include at least 3 core concepts and both integrative concepts
- Include at least 18 credits with a minimum of 6 at the 3000-4000 level
- Include a foundational and capstone experience
- Students completing minor will earn 9 Pathways credits or more
- All students undertaking Pathways Minors must still complete the remainder of the Pathways credit hours and concepts not covered by the minor

Example: Pathways to Sustainability Minor

- Seeking Sustainability 1
- Seeking Sustainability 2
- 1 of 5 courses in Humanities
- 1 of 4 courses in Env. Science
- 1 of 5 courses in Art & Design
- Practicing Sustainability Capstone

Some students might participate in high impact learning experiences offered in order to meet portions of the Pathways concepts with more flexibility. This Pathway could include: Study Abroad, Co-Curricular experiences, Undergraduate Research, Presidential Global Scholars, and other opportunities.

- Meet 3 core concepts and both integrative concepts
- Must be overseen by a faculty advisor
- Must be submitted and approved by UCCGE prior to being offered
- All students undertaking Alternative Pathways must still complete the remainder of the Pathways credit hours and concepts not covered by the Alternative Pathway

www.pathways.prov.vt.edu
Pathways Curriculum requires a total of 45 credits to fulfill the 7 core concepts and both integrative concepts. Students might pursue a minor or an alternative Pathway as means of completing a portion of the requirements.

### Core Concepts

1. **Discourse**
   - 9 credits

2. **Critical Thinking in the Humanities**
   - 6 credits

3. **Reasoning in the Social Sciences**
   - 6 credits

4. **Reasoning in the Natural Sciences**
   - 6 credits

5. **Quantitative and Computational Thinking**
   - 9 credits

6. **Critique and Practice in Design and the Arts**
   - 6 credits

7. **Critical Analysis of Identity and Equity in the United States**
   - 3 credits (may be double-counted with another core concept)

### Integrative Concepts

- **Ethical Reasoning**
  - Throughout

- **Intercultural and Global Awareness**
  - Throughout

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Pathways Minor

- 18 credits (out of 45)

Pathways Requirements for All Students

- 45 credits

Alternative Pathway

- min 9 credits (out of 45)