PATHWAYS TO GENERAL EDUCATION

What is Pathways?
Pathways is the general education curriculum at Virginia Tech. As a central component of the undergraduate experience, the Pathways curriculum will allow you to examine the world from multiple perspectives and integrate your knowledge across various disciplines. Along with the coursework required for your major, you will complete credits from nine Pathways concepts (seven core concepts and two integrative concepts).

Core Concepts
You will complete a total of 45 credits across seven Pathways core concepts. The number of credits required per concept is listed below.

1. Discourse
   - 9 credits
   - 6 Foundational (1f) + 3 Advanced (1a)

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 Foundational (5f) + 3 Advanced (5a)

6. Critique and Practice in Design and the Arts
   - 6 credits
   - 3 Design (6d) + 3 Arts (6a)

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

Integrative Concepts
Each Pathways course also meets at least one integrative concept, ensuring that you complete your general education with competency in both ethical reasoning and intercultural and global awareness.

- Ethical Reasoning
  - Throughout

- Intercultural and Global Awareness
  - Throughout

How do you fulfill your Pathways requirements?
There are a number of options for satisfying your Pathways requirements. You may have already fulfilled credits through high school AP/IB courses or transfer credits. Some of the required coursework for your major will likely also fulfill Pathways credits. For the remainder, you may choose individual courses or complete a compatible Pathways minor (see the following pages).

Visit the Pathways website to search for classes by concept or to view an alphabetical list of Pathways courses: https://www.pathways.prov.vt.edu/about/pathways-guides.html.

Lean more about Pathways at https://www.pathways.prov.vt.edu.
### PATHWAYS MINORS FOR THE CRIMINOLOGY MAJOR

Fulfill your General Education requirements while earning a minor!

#### Which general education requirements are satisfied by your major?*

- Foundational Discourse

#### But what about your other requirements?

- Advanced Discourse (1a)
- Critical Thinking in the Humanities (2)
- Reasoning in the Social Sciences (3)
- Reasoning in the Natural Sciences (4)
- Quantitative and Computational Thinking (5f & 5a)
- Critique and Practice in Design & the Arts (6d & 6a)
- Critical Analysis of Identity & Equity in the US (7)

#### A Pathways minor can help you fulfill the requirements that are not met within your major!*

*Table lists all possible concepts that could be met within the minor; students are guaranteed to fulfill at least three concepts, and potentially more depending upon electives.

<table>
<thead>
<tr>
<th>Minor</th>
<th>Pathways Concepts in Minor*</th>
<th># of Credits in Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Brain &amp; Behavior</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Appalachian Cultures &amp; Environments</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Biodiversity Conservation</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
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<tr>
<td>Blue Planet</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Civic Agriculture &amp; Food Systems</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Climate &amp; Society</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Data &amp; Decisions</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Disabilities Studies</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Ecological Cities</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
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<tr>
<td>Ecosystems for Human Well-Being</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Event &amp; Experience Management</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Global Business Practices to Improve</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
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<tr>
<td>the Human Condition</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Global Food Security &amp; Health</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Health Communication</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Housing and Society</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Innovation</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Integrated Security</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Language Sciences</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Materials in Society</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Organizational Leadership</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Pathways to Sustainability</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Peace Studies &amp; Social Justice</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Philosophy, Politics, and Economics</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
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<tr>
<td>Science, Technology, &amp; Law</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
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<tr>
<td>Strategic Communication</td>
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<tr>
<td>Technology, Humans, and Environment</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
<tr>
<td>Visual Arts &amp; Society</td>
<td>1a 2 3 4 5f 6d 6a 7</td>
<td>18</td>
</tr>
</tbody>
</table>

*Note: Any courses in your core degree requirements can count towards your minor requirements, but cannot count towards your Pathways requirements.
CRIMINOLOGY MAJOR +
SCIENCE, TECHNOLOGY, AND LAW PATHWAYS MINOR

Wondering how a Pathways minor can complement your Criminology major? Using the Science, Technology, and Law (STL) minor as an example, the diagram below illustrates how your major and a minor can work together to meet your gen ed needs. Use the table on page 2 to identify other minors that interest you!

Pathways Requirements
Pathways requires you to complete credit hours across seven core concepts. If you’re a CRI major, you will fulfill concept 1 (foundational) in your program.

<table>
<thead>
<tr>
<th>Courses that satisfy major requirements</th>
<th>Courses that satisfy minor requirements</th>
<th>Electives outside of major and minor requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1105</td>
<td>Critical Thinking in the Humanities</td>
<td>Elective of your choice</td>
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<tr>
<td>ENGL 1106</td>
<td>Reasoning in the Social Sciences</td>
<td>Elective of your choice</td>
</tr>
<tr>
<td>Reasoning in the Natural Sciences</td>
<td>Elective of your choice</td>
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</tr>
<tr>
<td>Elective of your choice</td>
<td>Qualitative &amp; Computational Thinking</td>
<td>Elective of your choice</td>
</tr>
<tr>
<td>Elective of your choice</td>
<td>Design</td>
<td>Elective of your choice</td>
</tr>
<tr>
<td>Critical Analysis of Identity &amp; Equity in the US</td>
<td>Advanced</td>
<td>Elective of your choice</td>
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</tbody>
</table>

STL Minor Requirements
The Science, Technology, and Law minor includes 6 hours of required core courses, a 3-credit hour elective ethics course, a 3-credit hour elective civic course, one additional 3-credit hour elective, and a 3-credit hour capstone course, for a total of 18 credit hours. Together, these required and elective courses offer numerous possible combinations for completing Pathways concepts 1a, 2, 3, and 7. The diagram to the left illustrates just one possible path for completing the
Wondering how a Pathways minor can complement your Criminology major? Using the Peace Studies and Social Justice (PSSJ) minor as an example, the diagram below illustrates how your major and a minor can work together to meet your gen ed needs. Use the table on page 2 to identify other minors that interest you!

Pathways Requirements
Pathways requires you to complete credit hours across seven core concepts. If you’re a CRI major, you will fulfill concept 1 (foundational) in your program.

<table>
<thead>
<tr>
<th>Concept</th>
<th>Courses that satisfy major requirements</th>
<th>Courses that satisfy minor requirements</th>
<th>Electives outside of major and minor requirements</th>
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<tbody>
<tr>
<td>1</td>
<td>ENGL 1105</td>
<td>ENGL 1106</td>
<td>Discourse</td>
</tr>
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<td></td>
<td>Elective of your choice</td>
<td>Elective of your choice</td>
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<td>2</td>
<td>Critical Thinking in the Humanities</td>
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<tr>
<td></td>
<td>Elective of your choice</td>
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<td></td>
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<tr>
<td>3</td>
<td>Reasoning in the Social Sciences</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Elective of your choice</td>
<td></td>
<td></td>
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<tr>
<td>4</td>
<td>Reasoning in the Natural Sciences</td>
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<tr>
<td></td>
<td>Elective of your choice</td>
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<tr>
<td>5</td>
<td>Quantitative &amp; Computational Thinking</td>
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<td></td>
<td>Elective of your choice</td>
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<td></td>
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<tr>
<td>6</td>
<td>Critique &amp; Practice in Design &amp; the Arts</td>
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<td></td>
<td>Elective of your choice</td>
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<td>7</td>
<td>Critical Analysis of Identity &amp; Equity in the US</td>
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<tr>
<td></td>
<td>Elective of your choice</td>
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PSSJ Minor Requirements
The Peace Studies and Social Justice minor includes a 3-credit hour required introductory course, 12 credit hours of elective courses from across 4 categories, and a 3-credit hour required integrative capstone course, for a total of 18 credit hours. Together, these required and elective courses offer numerous possible avenues for completing Pathways concepts 1, 2, 3, 4, 5, and 7, as illustrated in the diagram to the left.