

# LANGUAGE AND CULTURE FOR THE PRACTICE OF SCIENCE

## What is it?

The Language and Culture for the Practice of Science minor allows students to develop the linguistic tools needed to read, write, and speak about scientific issues in Spanish or French. Through a combination of language, science, and humanities courses, students build on the foreign language skills they developed in high school while integrating scientific reasoning, communication, and culture.



## Why do it?

The Language and Culture for the Practice of Science minor allows students in the life sciences to develop meaningful and useful language skills and cross-cultural competencies in one of two global languages. Students completing this minor will leave Virginia Tech with the ability to communicate and interact effectively across cultures, positioning them well to succeed in their future educational and/or career goals.



## Who is it for?

This minor is targeted towards students in the College of Science, the College of Agriculture and Life Sciences, and the College of Natural Resources and Environments, and will be especially beneficial to those seeking a functional working ability in the sciences in a language other than English.

## Pathways Core Concepts

- 1f - Foundational Discourse
- 1a - Applied/Advanced Discourse
- 2 - Critical Thinking in the Humanities
- 3 - Reasoning in the Social Sciences
- 4 - Reasoning in the Natural Sciences

## Pathways Integrative Concepts

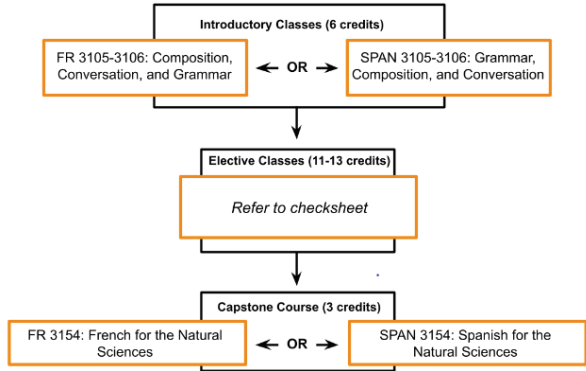
- Ethical Reasoning
- Intercultural and Global Awareness

*\*Students are guaranteed to meet at least three of the core concepts listed*

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## Requirements

The 20-22-hour minor in Language and Culture for the Practice of Science includes 6 hours of foundational required courses, 11-13 hours of electives, and a required 3-hour capstone course.



## Required courses

FR 3105-3106: Composition, Conversation, and Grammar

- or -

SPAN 3105-3106: Grammar, Composition, and Conversation

FR 3154: French for the Natural Sciences

- or -

SPAN 3154: Spanish for the Natural Sciences

## Elective courses

Students select 11-13 credits hours of elective courses. For a complete list of elective courses, consult the checksheet (follow this link, click on 'checksheets', scroll down to Minors, and find the Language and Culture for the Practice of Science checksheet).



- Develop meaningful proficiency in one of two world languages (French or Spanish)
- Acquire cultural competence to work in international professional environments.
- Increase graduate school and employment prospects.
- Develop linguistic, cultural, and scientific skills relevant to a career in the life sciences.

[www.pathways.prov.vt.edu/minors](http://www.pathways.prov.vt.edu/minors)

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