

Scientific Foundations



WASHINGTON
& JEFFERSON
COLLEGE

The Scientific Foundations minor focuses on the **processes and outcomes of scientific inquiry**, including specific content knowledge of **multiple scientific fields**. This is an **interdisciplinary program** particularly appropriate for those beginning or completing **pre-health studies** who are majoring in a field outside of specific science disciplines.

Minor Requirements

Philosophy of Science (PHL 225)

Introductory Statistics (MTH 125), Calculus I (MTH 151), or Calculus II (MTH 152)

Four courses* from the following:

- Foundations in Biology- Evolution and Biological Diversity (BIO 111)
- Foundations in Biology- Cell and Molecular Biology (BIO 121)
- Foundations in Biology: Organismal Biology (BIO 131)
- Organic Chemistry: Structure and Fundamentals (CHM 160)
- Organic Chemistry: Reactions and Synthesis (CHM 170)
- Chemical Principles (CHM 260)
- Introduction to Environmental Studies (EVS 101)
- Introductory Physics (PHY 101) or General Physics (PHY 107)
- Introductory Physics (PHY 102) or General Physics (PHY 108)
- Elementary Psychology I (PSY 101)

*No more than two from the same department

[At least three courses in the minor must be unique to the minor and not be used to satisfy the requirements of any other major or minor. This minor is not available to students majoring in Biochemistry, Biology, Chemistry, Environmental Science, Neuroscience, or Physics.]

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Program Website

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