SCIENTIFIC LEADERSHIP AND PRACTICE MINOR

Banner Code: SCLP

Academic Advising
Phone: 703-993-4594
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This minor has been designed to build scientific communication, engagement, and leadership practices so that students are (i) equipped to communicate effectively about the science they undertake and the challenges they face in ways that are meaningful in relation to their field of study, and (ii) equipped with the skills to participate and lead others in scientific ventures.

Admissions & Policies

Policies
Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4).

Requirements

Minor Requirements
Total credits: 16-20
Students should refer to the Admissions & Policies tab for specific policies related to this program.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COS 300</td>
<td>Professional Preparation for STEM Disciplines</td>
<td>3</td>
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<tr>
<td>COS 400</td>
<td>Problem Solving and Leadership in STEAM</td>
<td>3</td>
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Leadership or Communication
Choose one course from the following: 3-4

- EVPP 429      Environmental Science Communication
- COMM 302     Media Theory
- COMM 304    Foundations of Health Communication
- COMM 320    Business and Professional Communication
- CONF 300    Conflict Resolution Techniques and Practice
- ENGH 376    Rhetoric and New Media
- ENGH 388    Professional and Technical Writing
- ENGH 489    Proposal Writing and Development
- INTS 204    Leadership Theory and Practice
- INTS 406    Global Leadership (Mason Core) (http://catalog.gmu.edu/mason-core/)
- INTS 435    Leadership in a Changing Environment

Quantitative Reasoning
Choose one course from the following: 3-4

- MATH 111    Linear Mathematical Modeling (Mason Core) (http://catalog.gmu.edu/mason-core/)
- MATH 113    Analytic Geometry and Calculus I (Mason Core) (http://catalog.gmu.edu/mason-core/)
- MATH 125    Discrete Mathematics I (Mason Core) (http://catalog.gmu.edu/mason-core/)

Computational Thinking
Choose one course from the following: 3

- CDS 301      Scientific Information and Data Visualization
- CDS 302      Scientific Data and Databases
- GGS 110      Introduction to Geoinformation Technologies
- GGS 311      Geographic Information Systems
- PHYS 251     Introduction to Computer Techniques in Physics

Internship
Choose one course from the following: 1-3

- ASTR 409      Astronomy Internship
- CLIM 409      Research Internship
- GEOL 480      Internship
- CDS 491      Internship
- EVPP 494      Internship
- FRSC 406      Forensic Internship
- GGS 480      GGS Internship
- PHYS 409      Physics Internship

Total Credits 16-20

1 Or any other internship course as approved by the minor advisor.