EN ENVIRONMENTAL SCIENCE AND POLICY
AREA OF CONCENTRATION, SCIENCE AS: 412E

Total Credits: 60
Catalog Edition: 2020-2021

Program Description
The environmental science and policy area of concentration is a transfer program that provides the first two years of courses necessary for a four-year baccalaureate degree in environmental science or policy. Working closely with a counselor or advisor, students will be able to tailor their program of study to fit the needs of most, if not all, colleges and universities offering a degree in environmental science or environmental policy.

Program Outcomes
Upon completion of this program a student will be able to:

• Make observations, collect data, and analyze data.
• Apply basic biological and chemical principles to explain experimental results.
• Describe connections between the environment and human societies, including how humans affect the environment and how the environment in turn affects human welfare.

Program Advisors
Germantown
• Prof. Kiersten Newtoff, 240-567-1852, Kiersten.Newtoff@montgomerycollege.edu

Rockville
• Prof. Victoria (Tori) Schneider, 240-567-5479, Victoria.Schneider@montgomerycollege.edu

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• Dr. Alessandra Sagasti, 240-567-6964, Alessandra.Sagasti@montgomerycollege.edu

For more information, please visit https://www.montgomerycollege.edu/academics/programs/science/environmental-science-and-policy-as-degree.html or GT STEP Advising https://www.montgomerycollege.edu/gtstep

To view the Advising Worksheet, please visit https://www.montgomerycollege.edu/_documents/counseling-and-advising/advising-worksheets/current-catalog/412e.pdf
### Suggested Course Sequence

A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

**First Semester**
- ENGL 101 - Introduction to College Writing *(3 semester hours)*
  - OR
  - Program elective or elective *(3 semester hours)*
  - MATH 150 - Elementary Applied Calculus I *(4 semester hours)* (MATF) †
    - OR
    - MATH 165 *(4 semester hours)* (MATF) †
    - OR
    - MATH 181 *(4 semester hours)* (MATF) †
  - Arts distribution *(3 semester hours)* (ARTD)
  - CHEM 131 - Principles of Chemistry I *(4 semester hours)* (NSLD)

**Second Semester**
- BIOI 150 - Principles of Biology I *(4 semester hours)* (NSLD)
  - Program elective *(3 semester hours)* † †
  - Behavioral and social sciences *(3 semester hours)* (BSSD) **
  - Humanities distribution *(3 semester hours)* (HUMD)

**Third Semester**
- BIOI 151 - Principles of Biology II *(4 semester hours)*
  - Program elective *(4 semester hours)* † †
  - Behavioral and social sciences distribution *(3 semester hours)* (BSSD) **

**Fourth Semester**
- COMM 108 - Foundations of Human Communication *(3 semester hours)* (GEEL)
  - OR
  - COMM 112 *(3 semester hours)* (GEEL)
  - Program elective *(3 semester hours)* † †Program elective *(3 semester hours)* † †Program elective *(3 semester hours)* † †

**Total Credit Hours: 60**

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or a program elective or elective.

** The two BSSD courses must come from two different disciplines. Select from any BSSD on the College's general education list and/or BSSD courses noted in the following program electives: ECON, GEOG and POLI, depending on transfer institution.

† Choose a MATH course based on requirement of transfer institution(s).

† †Program Elective courses include: BSAD 210 or MATH 117, BIOI 105, BIOI 106, BIOI 210, BIOI 217, BIOI 222, BIOI 230, CHEM 132, CHEM 150, CHEM 203, CHEM 204, ECON 201, ECON 202, GEOI 101, GEOI 105, GEOI 124, GEOI 235, GEOI 240, GEOI 250, GEOI 260, GEOI 270, GEOI 101, MATH 181, MATH 182, PHYS 161, PHYS 262 or PHYS 203, PHYS 204, POLI 101, POLI 203, POLI 211, POLI 242, POLI 270.

Please note: A minimum of 12 course credits numbered at the 200-level must be completed to receive a degree.
Transfer Opportunities
Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit https://www.montgomerycollege.edu/transfer or http://artsys.usmd.edu.

Get Involved at MC!
Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations: https://www.montgomerycollege.edu/life-at-mc/student-life/

Related Careers
Most require a Bachelor’s degree or beyond.

Career Services
Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit

Career Coach
A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit https://montgomerycollege.emsicareercoach.com

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