

**ENVIRONMENTAL SCIENCE AND POLICY
ASSOCIATE OF SCIENCE: 412E**

**Total Credits: 60
Catalog Edition: 2016-2017**

Program Description

The environmental science and policy track 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 adviser, 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 Advising

Rockville

- **Prof. Victoria (Tori) Schneider**
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Germantown

- **Dr. James Smith**
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Takoma Park/Silver Spring

- **Dr. Alessandra Sagasti**
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For more information please visit:

www.montgomerycollege.edu/advising

or

GT STEP Advising

(<http://cms.montgomerycollege.edu/EDU/Department4.aspx?id=67267>)

2016-2017

Program Advising Guide

An Academic Reference Tool for Students

412E

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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 or general elective
3 semester hours
- CHEM 131 - Principles of Chemistry I
4 semester hours (NSLD)
- MATH 150 - Elementary Applied Calculus I
4 semester hours (MATF) †
- OR
MATH 165 - Precalculus
4 semester hours (MATF) †
- OR
MATH 181 - Calculus I
4 semester hours (MATF) †
- Arts distribution
3 semester hours (ARTD)

Second Semester

- BIOL 150 - Principles of Biology I
4 semester hours (NSLD)
- OR
BIOL 151 - Principles of Biology II
4 semester hours (NSLD)
- Program elective
3 semester hours † †
- English foundation
3 semester hours (ENGF)
- Behavioral and social sciences
3 semester (BSSD) **
- Humanities distribution
3 semester hours (HUMD)

Third Semester

- Program elective
4 semester hours † †
- Program elective
4 semester hours † †
- Program elective
4 semester hours † †
- Behavioral and social sciences distribution
3 semester hours (BSSD) **

Fourth Semester

- COMM 108 - Introduction to Human Communication
3 semester hours (GEEL)
- OR
COMM 112 - Business and Professional Speech Communication
3 semester hours (GEEL)
- Program elective
3 semester hours † †
- Program elective
3 semester hours † †
- Program elective
3 semester hours † †
- Program elective
3 semester hours † †

Total Credit Hours: 60

Advising Notes

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or a program elective or general 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, BIOL 105, BIOL 106, BIOL 150, BIOL 151, BIOL 210, BIOL 217, BIOL 220 or BIOL 222, BIOL 230, CHEM 132, CHEM 150, CHEM 203, CHEM 204, ECON 201, ECON 202, GEOG 101, GEOG 105, GEOG 124, GEOL 101, MATH 151, MATH 181, MATH 182, PHYS 161, PHYS 262 or PHYS 203, PHYS 204, POLI 101, POLI 203, POLI 211, POLI 242.

Please note: A minimum of 12 course credits numbered at the 200-level must be completed to receive a degree.

ENVIRONMENTAL SCIENCE & POLICY A.S.: 412E

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Name: Date: ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (EN 102/ENGL 102 or EN 109/ENGL 103)		3	
Math Foundation †		4	

GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts Distribution (ARTD)			
Humanities Distribution (HUMD)			
Behavioral & Social Sciences Distribution (BSSD) **		3	
Behavioral & Social Sciences Distribution (BSSD) **		3	
Natural Sciences Distribution with Lab (NSLD)	CH 101/CHEM 131	4	
Natural Sciences Distribution with Lab (NSLD)		4	
General Education Elective (GEEL)		3	

PROGRAM REQUIREMENTS	Course	Hours	Grade
EN 101/ENGL 101 (if needed for ENGL102/103 or general/program elective)*			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ††			
PROGRAM ELECTIVE ** (if needed to complete 60 credits)			

Has student completed the Global Perspectives requirement?
 Yes
 No

Overall GPA of 2.0 is required to graduate

Total Credits:

Global Perspectives Course:

Has student completed a minimum of 12 credits at the 200 level for completion of the program?
 Yes
 No

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

Last Modified: June 2016

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

Advising Worksheet Contact: [Anthony Solano](#)

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

Transfer Opportunities

Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer.

To learn more please visit:

<http://cms.montgomerycollege.edu/EDU/Plain.aspx?id=62341> or <http://www.artsys.usmd.edu/>

Get Involved at MC!

Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations

<http://cms.montgomerycollege.edu/edu/plain.aspx?id=2439>

Related Careers

Most require a Bachelor's degree or beyond.
Soil and Water Conservationist, Compliance Manager, Environmental Science Teacher, Forestry and Conservation Science Teacher, Forester, Water Resource Specialist, Environmental Economist, Forest and Conservation Technician, Forest Fire Inspector and Prevention Specialist, Fish and Game Warden, Range Manager, Regulatory Affairs Specialist, Park Naturalist, Environmental Compliance Inspector, Sustainability Specialist & Industrial Ecologist

Career Services

<http://www.montgomerycollege.edu/career>

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. Visit the website listed below:

<https://montgomerycollege.emsicareercoach.com>

Notes: