APPLIED GEOGRAPHY
Geographic Education Certificate: 183
Total Credits: 19
Catalog Edition: 2017-2018

Program Description

This certificate curriculum is designed primarily for the student who desires to pursue a profession in geographic education. Geographic education is a specialization in the field of geography. This facet of the curriculum is for students seeking to pursue a degree in teaching or to provide exposure to geographic concepts and methodology for teachers seeking to meet certification requirements in Montgomery County and Maryland. This curriculum provides students with an opportunity to test their interest prior to making a commitment for advanced study. Coursework in this curriculum will involve fieldwork, use of computer technology, mapping exercises, and extensive reading.

Program Outcomes

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

• Use various geographic concepts and methodologies that will condition them for advanced degrees in geography.

• Read, interpret, and analyze maps.

• Conduct research and present.

• Teach geography in the K-12 curriculum more effectively.

• Use basic geographic information systems (GIS) software designed for grades K-12.

Program Advising

Rockville
• **Prof. Allison**
  240-567-7614
  Tanya.allison@montgomerycollege.edu

Germantown
• **Prof. Allison**
  240-567-7614
  Tanya.allison@montgomerycollege.edu

Takoma Park/Silver Spring
• **Prof. Allison**
  240-567-7614
  Tanya.allison@montgomerycollege.edu

For more information please visit:
http://www.montgomerycollege.edu/appliedgeography

2017-2018
Program Advising Guide
An Academic Reference Tool for Students

APPLIED GEOGRAPHY
Geographic Education Certificate: 183

Program requirements:

- GEOG 101 - Introduction to Geography *3 semester hours*
- GEOG 105 - Cultural Geography *3 semester hours*
- GEOG 124 - Physical Geography *4 semester hours*
- GEOG 130 - Global Geography *3 semester hours*
- GEOG 235 - Preserving Our Natural Heritage: The Geography of Conservation and Natural Resources *3 semester hours*
- Elective *3 semester hours* (Select GEOG 113 , GEOG 211 , GEOG 222 , or GEOG 250)

Total Credit Hours: 19

Advising Notes

- EACH NEW STUDENT **MUST** SCHEDULE AN ADVISING APPOINTMENT WITH PROFESSOR TANYA ALLISON, THE PROGRAM COORDINATOR AND ADVISOR.

  Please email Tanya.allison@montgomerycollege.edu to schedule an appointment or call 240-567-7614.

- Link to program in catalog
  http://catalog.montgomerycollege.edu/preview_program.php?catoid=2&poid=220&returnto=112

Applied Geography

A.A.S. Degree (R)

First Semester
ENGL 101	Introduction to College Writing	3
GEOG 101	Introduction to Geography	3
GEOG 240	Introduction to Cartography	3
	Mathematics foundation	3
	General education elective	4

Second Semester
GEOG 113	Economic Geography	3
GEOG 130	Global Geography	3
	English foundation	3
	Natural Sciences distribution with lab	4
	Elective	3

Third Semester
GEOG 105	Cultural Geography	3
GEOG 124	Physical Geography	4
GEOG 250	Interpretation of Geographic Imagery	3
	Arts or humanities distribution	3
	Geography elective	3

Fourth Semester
GEOG 235	Preserving Our Natural Heritage	3
	OR	
GEOG 222	Geography of the United States	3
	Behavioral and social sciences distribution	3
	Geography elective	3
	Geography elective	3

Cartography and Geographic Information Systems certificate

GEOG 101	Introduction to Geography	3
GEOG 240	Introduction to Cartography	3
GEOG 250	Interpretation of Geographic Imagery	3
GEOG 251	Principles of Map Design	3
GEOG 255	Introduction to Computer Mapping	3
GEOG 260	Intro to Geographic Information Systems	3
GEOG 270	Advanced Geographic Information Systems	3

Geographic Education certificate

GEOG 101	Introduction to Geography	3
GEOG 105	Cultural Geography	3
GEOG 124	Physical Geography	4
GEOG 130	Global Geography	3
GEOG 235	Preserving our Natural Heritage	3
	Geography elective	3

Geography Electives

344

GEOG 211 Political Geography

GEOG 251 Principles of Map Design

GEOG 255 Introduction to Computer Mapping

GEOG 260 Introduction to GIS

GEOG 270 Advanced GIS

183

GEOG 113 Economic Geography

GEOG 211 Political Geography

GEOG 222 Geography of the United States

GEOG 265 Research Topics in Applied Geography

Graduation Date

Fall:

Spring:

Summer:

*ENGL 101 if needed for ENGL 102/103 or general elective

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/Transfer/ or http://artsys.usmd.edu/

Get Involved at MC!

Employers and Transfer Institutions are looking for experience outside the classroom. Internships, scholarships, seasonal work, and, on occasion, volunteer opportunities are available.

MC Student Clubs and Organizations

Gamma Theta Upsilon and the Geography Club

Related Careers

Bachelor's degree in Geography
Teacher K-12 with focus on cultural and physical geography
Geographic-related internships

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:

Please schedule an appointment with Professor Tanya Allison, Program Coordinator and Advisor, to discuss program requirements and plan your class schedule!

240-567-7614
Tanya.allison@montgomerycollege.edu

MC MONTGOMERY COLLEGE
MAKE YOUR MOVE