

GEOGRAPHIC EDUCATION CERTIFICATE

Total Credits: 19

Catalog Edition: 2025-2026

Program Description

(R): 183

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.

To view the Advising Worksheet, please visit <https://www.montgomerycollege.edu/documents/counseling-and-advising/advising-worksheets/current-catalog/183.pdf>

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 Advisors

Rockville

- Prof. Tanya Allison, 240-567-7614, Tanya.Allison@montgomerycollege.edu
- Prof. Chantal Vilmar, 240-567-1718, Chantal.Vilmar@montgomerycollege.edu

For more information, please visit <https://www.montgomerycollege.edu/academics/programs/applied-geography/geographic-education-certificate.html>

2025-2026

Program Advising Guide

An Academic Reference Tool for Students

GEOGRAPHIC EDUCATION CERTIFICATE

Program Requirements

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

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*

Program Elective *3 semester hours*‡

Total Credit Hours: 19

‡ Select GEOG 113, GEOG 211, GEOG 222, or GEOG 250.

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

Some require a Bachelor's degree.

Map Making, Charting, Geographic Information Systems, Remote Sensing, Interpretation and Analysis, Statistical and Spatial Analysis, Research and Analysis, Field Work, Resource Management and Conservation, Land and Water Resource Planning, Space Exploration, Market Site Research, Teaching, Computer Graphics and Multi-media Graphics, City Planning and Urban Land Use, Consulting.

Career Services

Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit <https://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. For more information, please visit <https://montgomerycollege.emsicc.com>

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