MEDICAL GEOGRAPHY CERTIFICATE

The world faces a pressing need for geographic theories, methods, and techniques to address global health issues. The Medical Geography certificate provides training in spatial disease ecology, global health, and essential geostatistical approaches to public health. Hands-on experiences of geospatial analysis are emphasized through lab-based applications.

About this Program

- **College:** Liberal Arts and Sciences (http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/)
- **Credits:** 12-13 | Completed with minimum grades of B-
- **More Info** (http://geog.ufl.edu/programs/certificates/undergraduate/)
- **Student Learning Outcomes (SLOs)** (https://public.tableau.com/app/profile/uf.oipr4918/viz/UFStudentLearningOutcomesCertificatesOnly/StudentLearningOutcomes/?publish=yes)

Department Information

The Geography Department offers a range of topics in contemporary geography and geospatial science, rich and lively cultural and learning environments, BA and BS undergraduate degrees, MA, M.S., and PhD degrees, as well as the largest Medical Geography program in the United States.

Website (https://geog.ufl.edu/)

CONTACT

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330 Newell Drive
3141 TURLINGTON HALL
GAINESVILLE FL 32611-7315
Map (http://campusmap.ufl.edu/#/index/0267)

Curriculum

- Combination Degrees
- Geographic Artificial Intelligence and Big Data Certificate
- Geography
- Geography Minor
- Geography Minor UF Online
- Geography UF Online
- Geospatial Information Analysis Certificate
- Medical Geography Certificate
- Medical Geography in Global Health Minor
- Meteorology and Climatology Certificate

Open to all UF undergraduate students of sophomore standing or higher.

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>GEO 3452</td>
<td>Introduction to Medical Geography</td>
<td>3</td>
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<tr>
<td>GEO 3454</td>
<td>Peoples and Plagues</td>
<td>3</td>
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Select one techniques course: 3-4

| GEO 3162C | Introduction to Quantitative Analysis for Geographers |
| GIS 3043  | Foundations of Geographic Information Systems       |
| GIS 4420C | GIS Models for Public Health                         |

Select one advanced course: 3

| GEO 4306C | Geography of Vector-borne Diseases                  |
| GEO 4612  | Shelter and Care Options for US Elderly             |
| GIS 4113  | Introduction to Spatial Networks                    |
| GIS 4424C | Applications in GIS for Zoonoses and Disease Ecology |

Total Credits | 12-13