GEOGRAPHY

Program Information

The Department of Geography offers the Master of Arts, Master of Science, and Doctor of Philosophy degrees. Complete descriptions of the minimum requirements for these degrees are provided in the Graduate Degrees Section (http://gradcatalog.ufl.edu/graduate/degrees/) of this catalog.

Degrees Offered

Degrees Offered with a Major in Geography

- Doctor of Philosophy
  - without a concentration
  - concentration in Geographic Information Systems
  - concentration in Hydrologic Sciences
  - concentration in Tropical Conservation and Development
  - concentration in Wetland Sciences
- Master of Arts
  - without a concentration
  - concentration in Applications of Geographic Technologies
  - concentration in Geographic Information Systems
  - concentration in Tropical Conservation and Development
  - concentration in Wetland Sciences
- Master of Arts in Teaching
  - without a concentration
  - concentration in Geographic Information Systems
  - concentration in Tropical Conservation and Development
  - concentration in Wetland Sciences
- Master of Science
  - without a concentration
  - concentration in Applications of Geographic Technologies
  - concentration in Geographic Information Systems
  - concentration in Hydrologic Sciences
  - concentration in Tropical Conservation and Development
  - concentration in Wetland Sciences

Requirements for these degrees are given in the Graduate Degrees (http://gradcatalog.ufl.edu/graduate/degrees/) section of this catalog.

Courses

Geography Courses

Code	Title	Credits
GEA 6419	Seminar: South America	3
GEA 6466	Seminar on Geography of Amazonia	3
GEO 5305	Environmental Biogeography	3
GEO 5920	Geography Colloquium	1
GEO 6118	Contemporary Geographic Thought and Research	3
GEO 6119	Proposal Writing in Geography	3
GEO 6160	Introduction to Quantitative Methods for Geographers	3
GEO 6161	Intermediate Quantitative Methods for Geographers	3
GEO 6166	Advanced Quantitative Methods for Spatial Analysis	3
GEO 6255	Climatology	3
GEO 6282	Fluvial Morphology	3
GEO 6348	Floods Seminar	3
GEO 6375	Land Change Science Seminar	3
GEO 6451	Medical Geography	3
GEO 6455	Advanced Study Design in Medical Geography	3
GEO 6905	Individual Work	1-5
GEO 6921	How to Survive and Thrive in Academia	1
GEO 6931	Seminar in Cultural and Political Ecology	3
GEO 6938	Selected Topics in Geography	1-5
GEO 6971	Research for Master's Thesis	1-15
GEO 7979	Advanced Research	1-12
GEO 7980	Research for Doctoral Dissertation	1-15
GEY 6341	Shelter and Care Options for U.S. Elderly	3
GIS 5008C	Maps and Graphs	4
GIS 5028C	Advanced Aerial Photo Interpretation	3
GIS 5038C	Remote Sensing	4
GIS 5107C	Geographic Information Systems in Research	4
GIS 6104	Spatial Networks	3
GIS 6117	Appplied Geostats	3
GIS 6425C	GIS Models for Public Health	3
MET 5504	Weather and Forecasting	3
MET 6530	Hurricanes	3
MET 6565	Seminar in Atmospheric Teleconnections	3
MET 6752	Spatial Analysis of Atmospheric Data using GIS	3

Geography Departmental Courses

Code	Title	Credits
GEA 6419	Seminar: South America	3
GEA 6466	Seminar on Geography of Amazonia	3
GEO 5305	Environmental Biogeography	3
GEO 5349	Weather, Climate, and Society	3
GEO 5920	Geography Colloquium	1
GEO 6118	Contemporary Geographic Thought and Research	3
GEO 6119	Proposal Writing in Geography	3
GEO 6160	Introduction to Quantitative Methods for Geographers	3
GEO 6161	Intermediate Quantitative Methods for Geographers	3
GEO 6166	Advanced Quantitative Methods for Spatial Analysis	3
GEO 6168	Spatial Econometrics and Modeling	3
GEO 6255	Climatology	3
GEO 6282	Fluvial Morphology	3
GEO 6335	Managing for a Changing Climate	3
GEO 6346	Climate Change and Health	3
GEO 6348	Floods Seminar	3
GEO 6375	Land Change Science Seminar	3
GEO 6408	Parks and People	3
GEO 6451	Medical Geography	3
GEO 6455	Advanced Study Design in Medical Geography	3
GEO 6706	Transportation and Urban Accessibility	3
GEO 6905	Individual Work	1-5
GEO 6921	How to Survive and Thrive in Academia	1
GEO 6931	Seminar in Cultural and Political Ecology	3

GEO 6938	Selected Topics in Geography	1-5
GEO 6971	Research for Master's Thesis	1-15
GEO 7979	Advanced Research	1-12
GEO 7980	Research for Doctoral Dissertation	1-15
GEY 6341	Shelter and Care Options for U.S. Elderly	3
GIS 5008C	Maps and Graphs	4
GIS 5028C	Advanced Aerial Photo Interpretation	3
GIS 5038C	Remote Sensing	4
GIS 5107C	Geographic Information Systems in Research	4
GIS 5505	Population GIS	3
GIS 6104	Spatial Networks	3
GIS 6106C	GeoAI - Geographic Artificial Intelligence	3
GIS 6117	Appplied Geostats	3
GIS 6125C	Geocomputation using R Programming	3
GIS 6325	GIS Analysis of Hazard Vulnerability	3
GIS 6425C	GIS Models for Public Health	3
GIS 6456C	Applications in GIS for Zoonoses and Disease Ecology	3
MET 5504	Weather and Forecasting	3
MET 6530	Hurricanes	3
MET 6565	Seminar in Atmospheric Teleconnections	3
MET 6752	Spatial Analysis of Atmospheric Data using GIS	3

Student Learning Outcomes

Geography (PHD)

SLO 1 Knowledge
Students will describe, identify, and discuss both orally and in writing the subject matter related to their discipline.

SLO 2 Skills
Students will identify, examine and explain the emerging science in their discipline.

SLO 3 Professional Behavior
Students will exhibit professional behavior and ethical practice during the conduct of their research

Geography (MA)

SLO 1 Knowledge
Students will describe, identify, and discuss both orally and in writing the subject matter related to their discipline

SLO 2 Skills
Students will identify, examine and explain the emerging science in their discipline

SLO 3 Professional Behavior
Students will exhibit professional behavior and ethical practice during the conduct of their research

Geography (MS)

SLO 1 Knowledge
Students will describe, identify, and discuss both orally and in writing the subject matter related to their discipline

SLO 2 Skills
Students will identify, examine and explain the emerging science in their discipline

SLO 3 Professional Behavior
Students will exhibit professional behavior and ethical practice during the conduct of their research