GEOGRAPHY AND ENVIRONMENTAL PLANNING M.A.

Degree: Master of Arts
https://www.towson.edu/cla/departments/geography/gradgeography/

Program Director: Jeremy Tasch
Phone: 410-704-4270
Email: jtasch@towson.edu

Students will graduate ready to be successful working for an International NGO, think-tank, US Department of State, USAID; or as a geospatial analyst, regional, community, or urban planner; or to pursue a doctoral degree.

Blending the sciences with the liberal arts, the Geography and Environmental Planning M.A. program offers a comprehensive approach to sustainability, area studies, critical geopolitics, political ecology, and the human dimensions of climate change with an emphasis on interdisciplinary skills and geographic techniques.

The Master of Arts in Geography and Environmental Planning has two options: Thesis and Non-Thesis.

Accelerated Bachelor's-Master's Program

Students may also earn an M.A. in Geography and Environmental Planning through the Department of Geography and Environmental Planning's accelerated bachelor's to master's program. This program allows students to complete their undergraduate and graduate degrees in a shorter time frame.

All students enrolled in the graduate program must demonstrate proficiency in research using qualitative, quantitative, and/or technical methods. Students may choose a thesis or non-thesis option. All non-thesis students must complete a final research project.

Please see the Undergraduate Catalog for information on the accelerated bachelor's-master's program.

Requirements

Admission Requirements

Application deadlines and a full listing of materials required for admission can be found on the website.

Degree Requirements

- All degree candidates must meet with their academic advisers to file intended programs of study. This should be done prior to, or during, the first term of course work. The program director is the initial adviser for all incoming students. The program can be amended in consultation with the adviser.
- Successful completion of statistics or qualitative methods, or an approved equivalent.

Thesis Option (minimum 36 units)

Code	Title	Units
Required Courses		
All graduate students must complete the following core courses:		
GEOG 601	SEMINAR ON GEOGRAPHICAL PERSPECTIVES	3
GEOG 621	RESEARCH DESIGN	3
Thesis		
Select 6 units of the following course:		6
GEOG 898	GEOGRAPHY THESIS	
Electives		
Select a minimum of 24 units of GEOG electives; a maximum of 6 units may be non-GEOG electives. See elective options below.		24
Total Units		**36**

Non-Thesis Option (minimum 36 units)

Code	Title	Units
Required Courses		
All graduate students must complete the following core courses:		
GEOG 601	SEMINAR ON GEOGRAPHICAL PERSPECTIVES	3
GEOG 621	RESEARCH DESIGN	3
GEOG 797	RESEARCH	3
Electives		
Select a minimum of 27 units of GEOG electives; a maximum of 6 units may be non-GEOG electives. See elective options below.		27
Total Units		**36**

- For GEOG 797, students should work closely with a member of the graduate faculty on independent research and then present the paper to the graduate faculty. If the paper is judged unacceptable, the student may re-present the paper at a later date set by the faculty. Students not completing their research paper in a single term should enroll in GEOG 799 until the research paper is complete.

Code	Title	Units
Electives		
GEOG 502	ENERGY RESOURCE	3
GEOG 503	SOILS AND VEGETATION	3
GEOG 504	INTRODUCTION TO REMOTE SENSING AND PHOTOGRAMMETRY	3
GEOG 505	CARTOGRAPHY AND GRAPHICS I	3
GEOG 510	HISTORICAL GEOGRAPHY OF URBANIZATION	3
GEOG 511	CULTURAL GEOGRAPHY	3
GEOG 512	ECONOMIC GEOGRAPHY	3
GEOG 515	CLIMATOLOGY	3
GEOG 516	QUANTITATIVE METHODS IN GEOGRAPHY	3
GEOG 517	METEOROLOGY	3
GEOG 518	GEOGRAPHIC INFORMATION SYSTEMS	3
GEOG 519	POLITICAL GEOGRAPHY	3
GEOG 520	POPULATION GEOGRAPHY	3
GEOG 522	URBAN SYSTEMS I	3
GEOG 523	GIS APPLICATIONS	3
GEOG 526	FEMINIST GEOGRAPHIES	3

GEOG 527	OUTDOOR REC PLAN/MNGT	3
GEOG 544	GEOGRAPHY OF SOUTH ASIA	3
GEOG 551	GROWTH OF GEOGRAPHIC THOUGHT	3
GEOG 552	SEVERE AND HAZARDOUS WEATHER	3
GEOG 553	COMPREHENSIVE PLANNING	3
GEOG 554	RETHINKING BRAZIL	3
GEOG 557	STUDIES IN NATURAL HAZARDS	3
GEOG 560	GEOGRAPHY OF THE UNITED STATES AND CANADA	3
GEOG 562	GEOGRAPHY OF AFRICA	3
GEOG 563	THE SILK ROAD: THE GEOGRAPHIES OF CENTRAL EURASIA	3
GEOG 564	GEOGRAPHY OF EAST ASIA	3
GEOG 565	GEOGRAPHY OF THE MIDDLE EAST	3
GEOG 566	GEOGRAPHY OF EUROPE	3
GEOG 567	GEOGRAPHY OF RUSSIA	3
GEOG 568	GEOGRAPHY OF LATIN AMERICA	3
GEOG 569	THE TWO DOWN-UNDERS: GEOGRAPHIES OF AUSTRALIA AND AOTEAROA-NEW ZEALAND	3
GEOG 582	GEOGRAPHY/ENVIRONMENTAL PLANNING INTERNSHIP	1-6
GEOG 584	TRAVEL AND STUDY	3-6
GEOG 586	INDEPENDENT STUDY IN GEOGRAPHY	1-6
GEOG 587	ENVIRONMENTAL IMPACT ANALYSIS	3
GEOG 602	NATURE-POLITICS-POWER: ECOLOGICAL POLITICS AND POLITICAL ECOLOGIES	3
GEOG 603	URBAN HOUSING JUSTICE	3
GEOG 604	PLANNING FOR URBAN CLIMATE CHANGE	3
GEOG 605	SECURITIZING THE CITY	3
GEOG 608	APPLICATION OF GIS IN EMERGENCY MANAGEMENT	3
GEOG 620	QUALITATIVE METHODS	3
GEOG 622	PROBLEMS AND ANALYSIS IN GEOGRAPHY	3
GEOG 623	CONSTRUCTING THE ARCTIC: GEOGRAPHIES OF THE CIRCUMPOLAR NORTH	3
GEOG 624	GEOGRAPHIES OF CONSUMPTION AND WASTE	3
GEOG 625	PLANNING FOR A SUSTAINABLE REGION	3
GEOG 626	GIS DATABASE DESIGN	3
GEOG 631	ADVANCED REMOTE SENSING: DIGITAL IMAGE PROCESSING AND ANALYSIS	3
GEOG 652	GEOGRAPHIES OF HEALTH	3
GEOG 654	CLIMATE CHANGE: SCIENCE TO POLICY	3
GEOG 664	PYTHON SCRIPTING FOR ARCGIS	3
GEOG 665	ADVANCED TECHNIQUES IN GIS	3
GEOG 671	SPECIAL TOPICS IN PHYSICAL GEOGRAPHY	3
GEOG 672	SPECIAL TOPICS IN HUMAN GEOGRAPHY	3
GEOG 673	HUMAN-ENVIRONMENTAL INTERACTIONS SPECIAL TOPICS	3
GEOG 685	DIRECTED READING IN GEOGRAPHY	1-3
GEOG 696	INDEPENDENT STUDY IN GEOGRAPHY	1-6

Learning Outcomes

1. Demonstrate capability in geography, with a critical understanding of how specific areas of theoretical, methodological, and practical expertise relate to scholarship in other areas of the discipline;
2. Express the ability to analyze critically geographic problems and challenges; ask research questions; understand and apply methods; and conduct original research;
3. Use effective written, verbal, and graphic communication skills.