BS 4242 URBAN PLANNING AND SUSTAINABILITY

The Urban Planning and Sustainability major provides students with the knowledge and skills necessary to envision and craft urban environments that embrace the three key components of sustainability - environment, economy, and equity. Students completing this interdisciplinary, forward-looking program will develop sophisticated understandings of cities and their role in the social, economic, and environmental challenges of the 21st century. The curriculum emphasizes urban, sustainability, and planning theory and process, in addition to a strong foundation in geography and its major analytical techniques.

Complete a minimum of 44 hours of approved geography courses, including

Five Geography Foundation courses
- GEOG 1100 Physical Geography (4)
- GEOG 1200 Human Geography (3)
- GEOG 2680 Introduction to GIS and Mapping Sciences (4)
- GEOG 2710 Introduction to Statistics in Geography (3)
- GEOG 4800 Senior Seminar in Geography (3)

One Regional Course from the following
- GEOG 3300 Geography of Europe (3)
- GEOG 3310 Geography of Africa (3)
- GEOG 3330 Appalachia: Land and People (3)
- GEOG 3340 Historical Geography of the United States (3)
- GEOG 3350 Geography of Latin America (3)
- GEOG 3380 Geography of Asia (3)

Two Technique/Method Courses from the following
- GEOG 3600 Cartography I (4)
- GEOG 3610 Cartography II (4)
- GEOG 3650 Air Photo Interpretation (3)
- GEOG 4660 Principles of Remote Sensing (4)
- GEOG 4670 Advanced Remote Sensing (4)
- GEOG 4712 Field Methods in Geography (3)
- GEOG 4730 Principles of GIS (4)
- GEOG 4740 GIS Design and Application Development (4)
- GEOG 4750 GIS Modeling and Computation Methods (4)
- GEOG 4760 Geographic Information Analysis (4)

Program Requirements
Core Courses
- GEOG 3260 Urban Geography (3)
- GEOG 3500 Land Use Planning (3)
- GEOG 4560 The City and the Environment (3)
- GEOG 4520 Environmental and Sustainability Planning (3) (formerly GEOG 3530: Environmental Planning and Assessment)
Core Electives
Two courses from the following
- GEOG 3210 Population Geography (3)
- GEOG 3250 Political Geography (3)
- GEOG 3270 Social Geographies (3)
- GEOG 3290 World Economic Geography (3)
- GEOG 3580 Environmental Hazards (3)
- GEOG 4550 History of Planning (3)

Recommended Non-Geography Courses
Students may take these courses to satisfy the University General Education Requirements and/or the College of Arts and Sciences requirements. Please note that some of these have prerequisites.
- ECON 3200 Labor Economics (3)
- ECON 4250 Government and Economic Policy (3)
- POLS 3200 Urban Politics (3)
- POLS 4840 The Politics of sustainability (3)
- HIST 3112 United States in Urban History (3)
- SOC 4240 Urban Sociology (3)
- SW 2601 Social Welfare Overview and Trends (3)
- SW 3602 Social Welfare Policy (3)