GEOGRAPHY (GEOG)

Courses

GEOG 245. Adv Top: Human Env Interactions. 3 Credits.
Advanced offerings on various manifestations of social-environmental relationships. Possible topics include sustainable development, environmental justice, and urban ecology. Prerequisites: Vary with course content; Minimum Junior standing.

GEOG 246. Adv Top: Climate & Water Resource. 3 Credits.
Analysis of regional climatology, paleoclimatology, hydroclimatological hazards, or fluvial geomorphology. Topics include droughts, severe weather, climate change, floods and floodplain management, mountain and lowland rivers. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 272. Adv Top: Space, Power, Identity. 3 Credits.
Advanced offerings on topics related to the spatial regulation and geographic construction of social identity, paying particular attention to race, gender, and sexuality. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 273. Adv Top: Political Econ & Ecology. 3 Credits.
Advanced offerings in political ecology and political economy, particularly at global and regional scales. Possible topics include Third World economic restructuring, globalization, international environmental movements. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 274. Adv Top: Critical Urban & Soc Geo. 3 Credits.
Advanced offerings in urban and critical social geography. Possible topics include social justice and the city, human rights, geographies of social control. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 281. Adv Topic: GIS & Remote Sensing. 3 Credits.
Advanced offerings in GIS or remote sensing focusing on landscape interpretation for decision-making practices. Incorporation of applications from Vermont public and private sectors. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 287. Spatial Analysis. 3 Credits.
Analysis of spatial pattern and interaction through quantitative statistical models; application of GIS to statistical modeling. Prerequisite: GEOG 081 or GEOG 184 or NR 143 or ENSC 130 or GEOL 185.

GEOG 297. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

GEOG 298. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

GEOG 391. Master’s Thesis Research. 1-18 Credits.