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. Topics vary by offering; periodic offering at intervals that may exceed four years. 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. Topics vary by offering; periodic offering at intervals that may exceed four years. 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. Topics vary by offering; periodic offering at intervals that may exceed four years. 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. Topics vary by offering; periodic offering at intervals that may exceed four years. Prerequisites: Vary with course content; minimum Junior standing.

GEOG 281. Advanced Topics: Remote Sensing. 3 Credits.
Applied, capstone course; remote sensing techniques will be applied to atmospheric issues at varying temporal and spatial scales, as well as to quantifying the influence of topography, vegetation, and land-water boundaries. May be repeated for credit with different content. Topics vary by offering; periodic offering at intervals that may exceed four years. Prerequisites: GEOG 040, GEOG 143, GEOG 185, or NR 146 recommended.

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 391. Master's Thesis Research. 1-18 Credits.
Master's Thesis Research.