RWFM - RANG WILD & FISH MGMT

RWFM 605/RPTS 605 Community Organization and Natural Resources Management
Credits 3. 3 Lecture Hours.
Understand ways communities manage natural resources; understand the roles of collaboration, participation, agency, power, and resilience in solving local resource management problems.
Prerequisites: Graduate classification.
Cross Listing: RPTS 605/RWFM 605.

RWFM 651 Geographic Information System for Resource Management
Credits 3. 2 Lecture Hours. 2 Lab Hours.
Geographic Information System (GIS) approach to the integration of spatial and attribute data to study the capture, analysis, manipulation and portrayal of natural resource data; examination of data types/formats, as well as the integration of GIS with remote sensing and Global Positioning System; laboratory includes extensive use of GIS applications to conduct analyses of topics in natural resources.
Prerequisites: Graduate classification.
Cross Listing: BAEN 651, ECCB 651, and RWFM 651.

RWFM 658 Human-Wildlife Conflict and Coexistence
Credits 3. 3 Lecture Hours.
Ecological, cultural, and historical dimensions of human-wildlife interactions; root causes of conflict; multidisciplinary frameworks of analysis; lessons learned from practitioners; examples of coexistence; case studies across taxa and continents.
Prerequisites: Graduate classification.
Cross Listing: ECCB 658 and RPTS 658.

RWFM 678 Latent Variable Model Applications
Credits 3. 3 Lecture Hours.
Introduction to structural equation modeling (SEM); background on conceptual issues, application of the method, and insight on SEM software; measurement theory, missing data analysis, non-normal data, confirmatory factor analysis, path analysis, multi-group models.
Prerequisites: STAT 636, STAT 652, or approval of instructor.
Cross Listing: RENR 678 and RPTS 678.