3902 Silviculture (3) F Prereq.: RNR 2101. Basic knowledge of computer programs and e-mail is assumed. 2 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. A general approach to forest stand establishment and culture based on ecological principles of regeneration and the identification of stand conditions that will satisfy specific goals and objectives for the forest.

3904 Photogrammetry, GPS and GIS (3) F Prereq.: permission of department. 2 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. Identification and analysis, and use of aerial photos, Global Positioning Systems (GPS), and Geographical Information Systems (GIS) in stand measurements and management applications.

3905 Field Studies in Wildlife Habitat (2) Intersession only. Prereq.: RNR 2001. Class meets 8 hrs. per day for 2 weeks at off-campus sites. Students are responsible for paying for travel expenses associated with this course. Identification of woody and herbaceous plants important to wildlife species and techniques used to quantify wildlife habitat; emphasis on collecting field data and plant identification in field setting to assess habitat quality for wildlife.

3918 Ecology of Louisiana Wildlife (4) Prereq.: RNR 2031, 2 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. Habitat selection, food habits, and reproductive biology of selected species of birds, mammals, reptiles, and fishes; emphasis on the diversity of niche exploitation strategies among groups (may be offered as an independent study).

3924 Field Studies in Botany (1) Prereq.: RNR 2001. One week of field practice. Students are responsible for paying for travel expenses associated with this course. Provides students with an opportunity to review a variety of species in the United States, including 70 more species of trees, shrubs, and woody vines indigenous to the southeastern U.S.; studied; herbarium collection required. 3 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. Exercises in designing and conducting timber and multipurpose coves; boundary location and other types of land surveying associated with forest resources management.

3927 Field Studies in Silviculture (1) Prereq.: RNR 2001, 3002, and 3103. One week of field practice. Students are responsible for paying for travel expenses associated with this course. Course includes tours of several forest ecosystems, including the U.S. national forests, U.S. Forest Service, state agencies, and private companies. 3 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. A practical project on development of a forest management plan for a specific forest ecosystem.

3938 Field Studies in Timber Harvesting (1) Prereq.: RNR 3002 and 3103. One week of field practice. Students are responsible for paying for travel expenses associated with this course. On-site study of harvesting systems used in the South; participation in timber harvesting; exercises in time and production.

3939 Field Studies in Wood Utilization (1) Prereq.: RNR 2041, 3002, and 3103. One week of field practice. Students are responsible for paying for travel expenses associated with this course. On-site study of harvesting systems used in the South; participation in timber harvesting; exercises in time and production.

3940 Field Studies in Agriculture (1) Prereq.: 8 sem. hrs. of introductory chemistry and 8 sem. hrs. of introductory zoology and/or biology; or equivalent. 3 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. Principles underlying aquaculture of fish, crustaceans, and mollusks.

3953 Marine Fisheries Resources (3) Survey of the biology, harvest, and management of commercially important marine organisms throughout the world; emphasis on stock trends and the effects of biological and environmental factors on development of management programs.

4025 Limnology (3) Prereq.: BIOL 1201, 1208 and CHEM 1201, 1202 or equivalent. Geomorphology, physicalchemistry, biology, and ecology of inland waters. 3 hrs. lecture; 3 hrs. lab. Students are responsible for paying for travel expenses associated with this course. The general University dropdead dates do not apply. The instructor will provide students with the dropdead dates established by the Office of the University Registrar. Students are responsible for paying for travel expenses associated with this course. The general University dropdead dates do not apply. The instructor will provide students with the dropdead dates established by the Office of the University Registrar. Students are responsible for paying for travel expenses associated with this course. The general University dropdead dates do not apply. The instructor will provide students with the dropdead dates established by the Office of the University Registrar. Students are responsible for paying for travel expenses associated with this course. The general University dropdead dates do not apply. The instructor will provide students with the dropdead dates established by the Office of the University Registrar. Students are responsible for paying for travel expenses associated with this course. The general University dropdead dates do not apply. The instructor will provide students with the dropdead dates established by the Office of the University Registrar.
4035 Wildlife and Management of Upland Wildlife (3) F 2 hrs. lecture; 3 hrs. lab. Independent or directed study. Students are responsible for paying for travel expenses associated with this course. Prerequisites: RNR 2043, 3040; and either CHE 2043; and either CHE 4046 Chemical Properties of Wood (4) V 3 hrs. lecture; 3 hrs. lab. Correlation of water quality and use with predictive demography (PVA), biodiversity at the population and community levels, landscape effects, and genetics of small populations.

7017 Restoration and Management of Wetland Fishery Resources (4) F, E 2 hrs. Two weekend field trips; one five-day field trip. Students are responsible for paying for travel expenses associated with this course. Prerequisite: BIOL 1201. This course will provide a practical, hands-on experience in the management of a wetland fishery with a core focus on ecosystem science; natural history of commonly managed wetland types; fundamentals of restoration ecology; wetland fish and fish community dynamics at various spatial scales; and the management of wetland fishery resources.

7018 Habitat Management Principles (4) F 2 hrs. lecture; 6 hrs. lab. Students are responsible for paying for travel expenses associated with this course. Prerequisites: ECON 1001, 1002, a 300-level course in biology, and at least one 300-level course in natural resources management.

7020 Ecology of Fishes (3) S-O Prereq.: BIOL 4253 or equivalent. Ecology of fish populations; interactions of fish and their environment; behavioral adaptations of fishes.