

ZOOL 485 – Special Topics in Zoology: Fisheries Techniques

Offered: Fall semesters

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Course Description: An introduction to common field and laboratory methods for data collection and handling in fisheries – an opportunity for students to develop practical skills. Course topics will include habitat assessment and fish collection techniques (e.g., electrofishing, active and passive net gears) in a variety of environments, hydroacoustics, biotelemetry, tagging and marking, age and growth determination, bioenergetics and respirometry, diet analysis, and creel survey methods. Two lectures per week and one laboratory or field trip alternate weeks. Prerequisite: 10 hours of biological science or consent of instructor.