

NRM 669 Syllabus spring 2024

TITLE Survey Research Human Dimensions of Natural Resources

NUMBER: NRM69

CREDITS: 3

PREREQUISITES Graduate standing

LOCATION: Lectures 305 Neill, lab 359 O'Neill

MEETING TIME: Lectures 5:30 to 7:30; lab W. 25

COURSE TYPE Lecture/lab

INSTRUCTOR Dr. Peter J. Fix

OFFICE LOCATION: 323 O'Neill

OFFICE HOURS: 1:00 - 3:00 p.m., and by appointment

TELEPHONE: (907) 474-6926

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STUDENT LEARNING OUTCOMES

Upon successful completion of this course, the students will have the skills to:

- x Evaluate advanced survey-based research projects (e.g., academic journals, technical reports, scientific presentations) to determine whether the methods utilized resulted in study objectives being met
- x Complete all phases of an original survey-based research project (e.g., a novel research question, advancement of previous research), including developing study objectives, selecting the most appropriate survey method and developing the questionnaire, coding data and conducting statistical analysis, and documenting results.
- x Present results in an appropriate format (e.g., APA, The Chicago Manual of Style).
- x Contribute to the academic literature (e.g., correctly format methods, results, etc.; respond to reviewer comments)

COURSE READINGS/MATERIALS

Required text:

- x Vaske, J. J. (2019). Survey research and analysis: Applications in parks, recreation and human dimensions 2nd. State College, PA: Venture Publishing.
- x Morgan, G. A., Gliner, J. A., Harmon, R. J. (2006). Understanding and evaluating research in applied and clinical settings. Mahway, NJ: Lawrence Erlbaum.

Additional readings will be assigned, and are noted in the class schedule. These readings will be posted to Canvas.

TECHNICAL REQUIREMENTS FOR COURSE

Students must have regular access to a computer and the Internet to access materials in Canvas. Students will be expected to download course material as well as upload assignments.

Lab sessions will use the software program SPSS installed on the computers in 359 O'Neill. Distance students will be required to secure their own copy. SPSS can be rented for six months for \$4.99 download fee from <https://onthehub.com/products/4089c65e-9133-ed1814e000d3af41938>

(Google "SPSS onthehub")

INSTRUCTIONAL METHODS

The class will consist of 2 credits of lecture and a 1-credit lab section. The lecture sections will be based on course readings; it is expected you come to class having read the material and are prepared to discuss the material

The lab will consist of becoming familiar with survey data (level of measurement, coding data, creating data bases, data management), analysis, and creating surveys.

COURSE CALENDAR

Dates	Topics Covered
Week 1 1/16 to 1/19	Course introduction No lecture (AK Civil Rights Day; videos will be posted) Assignment to introduce yourself in chat.
Lab 1	Introduction to SPSS
Week 2 1/22 to 1/26	Introduction to key topics xManfredo, M. J., Vaske, J. J., & Decker, D. J. (1995). Human dimensions of wildlife management: basic concepts. In L. Knight & K. J. Gutzweiller (eds) Wildlife and Recreationists: coexistence through Management and Research. Washington D.C.: Island Press. xUSFWS Podcast: Why does it matter? Attitudes and values make a difference for conservation Link to podcast xVaske: ch. 2
Lab 2	Level of Measurement and Coding Data xVaske: ch. 5 (pages 79 to 88), ch. 10 xMorgan et al: chapters 6, 7, & 23

Week 3
1/

Week 6
2/19 to 2/23

Writing and conducting surveys
x Vaske: ch. 7
x

	Assignment Rubric and General Letter Grade (specific points will be determined based on the degree meeting the standards for the letter grade evaluated)			
	A	B	C	D
Critical thinking - applies to discussions and written assignments	Issue/problem based on a synthesis of existing research; multiple perspectives presented; position is soundly supported with external literature; problem identified and supporting material correctly follow from lecture materials and external sources; highly novel	Issue/problem based on synthesis of existing research; with minor gaps; position is adequately supported with external literature; problem identified and supporting material follow from lecture materials and external sources; with few errors; application is moderately novel.	Issue/problem statement not based on synthesis of existing literature; position has weak support in external literature; problem identified and supporting material loosely follow from lecture materials and external sources; with some errors; lacks novelty.	No reference to existing research; position lacks support in external research; problem identified and supporting material loosely follow lecture materials; errors present; lacks novelty.

PLEASE See Syllabus Addendum for information about student rights and responsibilities and support services.

