NRM 669 Syllabus, spring 2024

TITLE: Survey Research in Human Dimensions of Natural Resources
NUMBER: NRM 669
CREDITS: 3
PREREQUISITES: Graduate standing
LOCATION: Lectures 305 O'Neill, lab 359 O'Neill
MEETING TIME: Lecture M 5:30 to 7:30; lab W. 2-5
COURSE TYPE: Lecture/lab
INSTRUCTOR: Dr. Peter J. Fix
OFFICE LOCATION: 323 O'Neill
OFFICE HOURS: Set T 1:00 - 3:00 p.m., and by appointment
TELEPHONE: (907) 474-6926
EMAIL ADDRESS: pjfix@alaska.edu

STUDENT LEARNING OUTCOMES

Upon successful completion of this course, the student shall have the skills to:

- 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
- Complete all phases of a original survey-based research project (e.g., a novel research question, advancement of previous research, etc.) including developing study objectives, selecting the most appropriate survey method and developing the questionnaire, coding data and conducting statistical analysis, and documenting results.
- Present results in an appropriate format (e.g., APA, The Chicago Manual of Style).
- Contribute to the academic literature (e.g., correctly format methods, results, etc.; respond to reviewer comments)

COURSE READINGS/MATERIALS

Required texts:

- Vaske, J. J. (2019). Survey research and analysis: Applications in parks, recreation and human dimensions, 2nd. State College, PA: Venture Publishing.
- 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 $45.95 + a $4.99 download fee from: https://onthehub.com/products/4089c65e-9133-ed11-814e-000d3af41938

(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 (MLK 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 x Manfredo, M. J., Vaske, J. J., & Decker, D. J. (1995). Human dimensions of wildlife management: basic concepts. In R. L. Knight & K. J. Gutzweiller (eds.) Wildlife and Recreationists: coexistence through Management and Research. Washington D.C.: Island Press. x USFWS Podcast: Why does it matter? Attitudes and values make a difference for conservation. Link to podcast x Vaske: ch. 2
Lab 2	Level of Measurement and Coding Data x Vaske: ch. 5 (pages 79 to 88), ch. 10 x Morgan et al: chapters 6, 7, & 23
Week 3 1/29 to 2/2	Introduction to Measurement x

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 t 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. syn .02 -0 0 10.02 460.44 65

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

Template for lecture-based assignments

start	end	Week	Topics Covered	Discussion	Assignment	Quiz	Exam
16-Jan	19-Jan	Week 1	Course introduction	Find complex issue / respond			
22-Jan	26-Jan	Week 2	Common topics in survey-based huma dimensions research	Build on complex issue / respond	1. Bears in Anchorage - ID topics 2 Apply topcis to your graduate proje		
29-Jan	2-Feb	Week 3	Introduction to Measurement		1. Diagram a theory, 2. Diagram the model of your graduate project	Basic concepts	
5-Feb	9-Feb	Week 4	More on Attitudes		Specificity rci recur (		