



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

New Course Request

SDSU	College of Agriculture, Food and Environmental Sciences /Natural Resource Management
Institution	Division/Department
Dennis D. Hedge	4/16/2025
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
NRM 730	Movement Ecology	3

Course Description
This course will provide a foundational understanding of the causes and motivations for organisms to move. Students will discuss multiple types of movement (foraging, dispersal, etc.), mechanisms, causes, and consequences of these movements. Students will also learn how to conduct common statistical analyses in the discipline.

Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

Registration Restrictions

None

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
NRM 706	Landscape Ecology	3
WL 517	Large Mammal Ecology and Management	3

Provide explanation of differences between proposed course and existing system catalog courses below:

The new course will focus on movement of organisms within landscapes rather than the spatial arrangement of landscape elements and their management (i.e., NRM 706) or broader aspects of the management of migratory and non-migratory animals (i.e., WL 517). The new course has a strong quantitative component and will teach fundamentally different statistical approaches than NRM 706.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: Workload is available to offer this course. NRM 730 will be offered in the fall semester of odd years. This course has previously been offered as NRM 792 Topics. This request assigns the course a permanent course title and number.

3.2. Existing program(s) in which course will be offered: Biological Sciences (M.S. and Ph.D.) – Natural Resource Management Specialization; Wildlife and Fisheries Sciences (M.S.) – Wildlife Sciences and Fisheries Sciences Specializations; Wildlife and Fisheries Sciences (Ph.D.)

3.3. Proposed instructional method by university (as defined by AAC Guideline 2.4.3.A): R - Lecture

3.4. Proposed delivery method by university (as defined by AAC Guideline 2.4.3.B and 2.4.3.B(A-1)): 001 -

Face to Face

3.5. Term change will be effective: Fall 2025

3.6. Can students repeat the course for additional credit? Yes, total credit limit: No

3.7. Will grade for this course be limited to S/U (pass/fail)? Yes No

3.8. Will section enrollment be capped? Yes, max per section: No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? Yes No

3.10. Is this prefix approved for your university? Yes No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.1. University Department: Natural Resource Management

4.2. Banner Department Code: SNAR

4.3. Proposed CIP Code: 03.0601

Is this a new CIP code for the university? Yes No

**NEW COURSE REQUEST
Supporting Justification for On-Campus Review**

A. Joshua Leffler Request Originator	A. Joshua Leffler Signature	1/23/2025 Date
Michele R. Dudash Department Chair	Michele R. Dudash Signature	1/24/2025 Date
James Connors School/College Dean	James Connors Signature	3/19/2025 Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

Studies of animal movement represent a cutting-edge approach to understanding behavior, habitat selection, and environmental factors that affect animal populations and the field is informing wildlife and fisheries management. The field of Movement Ecology also uses cutting-edge statistical techniques that are important for modern wildlife and fisheries management. NRM 730 will provide students with critical knowledge and skills for population management careers. This course was offered as NRM 792 Topics in fall 2023 with considerable interest by students. This request assigns the course a permanent course title and number.

2. Note whether this course is: Required Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?

None

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.

N/A

5. Desired section size 20

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).

Alison Coulter, Assistant Professor, Ph.D.

7. Note whether adequate facilities are available and list any special equipment needed for the course.

Facilities are adequate.

8. Note whether adequate library and media support are available for the course.

Adequate library and media support are available.

9. Will the new course duplicate courses currently being offered on this campus? Yes No

10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.

N/A