



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

**New Course Request**

<b>SDSU</b>	<b>College of Agriculture, Food &amp; Environmental Sciences / Animal Science</b>
<b>Institution</b>	<b>Division/Department</b>
Dennis D. Hedge	2/3/2025
<b>Institutional Approval Signature</b>	<b>Date</b>

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
AS 431-531	Advanced Bison Production	3

**Course Description**

An in-depth course focusing on bison management and production techniques specific to bison. Intensive, governmental, and tribal production systems will be thoroughly explored.

**AS 431 Pre-requisites or Co-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
AS 231	Introduction to Bison Management	Pre-req

**AS 431 Registration Restrictions**

Junior or Senior standing only

**Section 2. Review of Course**

**2.1. Will this be a unique or common course?**

**Unique Course**

Prefix & No.	Course Title	Credits
WL 411-411L	Principles of Wildlife Management and Lab	2, 1
AS 474-474L	Cow-Calf Management and Lab	2, 1

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

The proposed course is specific to bison production and management and will focus only on that species. WL 411-411L is a broad-based course that covers multiple species of wild birds, mammals and herps, with a maximum of one or two lectures that directly relate to bison production. Similarly, AS 474-474L is specific to cow-calf production and currently has no lectures specifically focused on bison. Although some principles (e.g. digestive systems, grass management) from these courses are broad enough to have some application to bison production, that is not the focus of either course.

**Section 3. Other Course Information**

**3.1. Are there instructional staffing impacts?**

No. Schedule Management, explain below: Workload is available to teach this course. AS 431-531 will be taught once per year in the fall semester.

**3.2. Existing program(s) in which course will be offered:** Bison Studies Certificate, Bison Studies Minor

**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: Animal Science

4.2. Banner Department Code: SANS

4.3. Proposed CIP Code: 01.0901

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

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

Rosie Nold	Rosie Nold	12/10/2024
<b>Request Originator</b>	<b>Signature</b>	<b>Date</b>
John R Jaeger	John R Jaeger	12/10/2024
<b>Department Chair</b>	<b>Signature</b>	<b>Date</b>
James Connors	James Connors	12/10/2024
<b>School/College Dean</b>	<b>Signature</b>	<b>Date</b>

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

Bison Studies is a growing field in academia, and South Dakota State University is uniquely positioned to utilize its existing resources to offer this course. By housing the Center of Excellence for Bison Studies, two dedicated bison faculty, and as the official research partner with the largest bison producer in the world (Turner Enterprises), SDSU has strategically placed itself at the forefront of bison research and teaching capabilities. This course will capitalize on these relationships by offering a unique field of study that will inevitably draw more students into undergraduate and graduate populations. By offering this course to students in numerous majors at SDSU, they will be better equipped to service the needs of the bison industry, whether their career paths take them into private industry, public management, or tribal relations. The proposed course will provide students with in-depth study of all aspects of bison production including animal management, health and nutrition, grazing management, and marketing, thus providing students technical expertise to make them sought after employees for many aspects of the bison industry.

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?  
This course may be an elective for any student; however, it may be of interest to students in the Animal Science Department, Natural Resource Management Department and School of American and Global Studies. Applicable programs include all Animal Science specializations, Ecology and Environmental Science – Rangeland Ecology and Management Specialization, Conservation Planning and Park Management, Wildlife and Fisheries Science, and American Indian and Indigenous Studies.
4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.  
Graduate students enrolling in AS 531 will be subjected to an additional assignment which includes an academic style presentation to be presented to the full class. This presentation may be inclusive of their research or industry topics as assigned.
5. Desired section size 25
6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).  
Philip Urso, Assistant Professor, Ph.D.
7. Note whether adequate facilities are available and list any special equipment needed for the course.

Adequate facilities to teach this course successfully are present at SDSU. Current plans include a partnership with SDSU, Custer State Park, and Bad River Ranches (Turner Enterprises). This partnership will work in tandem with bison round ups to get students hands on experiences working with animals.

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

Library and media support is available and more than adequate for this course.

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