



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

New Course Request

SDSU	Agriculture, Food & Environmental Sciences / Animal Science
Institution	Division/Department
Dennis D. Hedge	3/27/2019
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
AS 102	Fundamentals of Animal Science	3

Course Description

Course provides an overview of livestock and poultry industry structure and practices, combined with an introduction to disciplines of animal science including breeding and genetics, meat science, nutrition and reproductive physiology.

SDSU Catalog Note: Summer, online.

Pre-requisites or Co-requisites

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

Registration Restrictions

None

Section 2. Review of Course

2.1. Was the course first offered as an experimental course? Yes No

2.2. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
AS 101-101L	Introduction to Animal Science and Lab	3,1
AS 120	Survey of Animal Science	1

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

The content is similar to that covered in AS 101, but will have a greater emphasis on the livestock industries and the role of these industries in society, and less emphasis on the scientific disciplines in animal science. Thus, content will be applicable and appealing to students with a wide range of interests and backgrounds, including those with little to no direct involvement in animal agriculture. Furthermore, the proposed course will be offered only online and will not include a lab with experiential learning opportunities. These differences provide greater opportunity for off-campus students to pursue studies in the College of Agriculture, Food and Environmental Sciences. The content of the proposed course will have significantly more depth in industry structure and science disciplines that the content of AS 120 which is focused on careers in the animal agriculture industries.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: Course will only be offered in the summer. Staff involved will decrease research responsibilities to allow adequate time to teach the course.

3.2. Existing program(s) in which course will be offered: Animal Science

3.3. Proposed instructional method by university: R – Lecture

3.4. Proposed delivery method by university: 015 – Internet Asynchronous – Term Based Instruction

3.5. Term change will be effective: Summer 2019

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 Code: SASC

4.2. 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	1/18/2019
Request Originator	Signature	Date
Joseph Cassady	Joseph Cassady	1/18/2019
Department Chair	Signature	Date
Don Marshall	Don Marshall	2/11/19
School/College Dean	Signature	Date

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

Knowledge of animal agriculture industries, related management practices and current industry issues is beneficial to many careers within agriculture. Students enrolled will gain a fundamental understanding of the scope, activities and processes involved in livestock production. Furthermore, there is growing interest in agricultural production practices, including how livestock is raised and the processes by which animal based food is produced.¹ The course is intended primarily for non-majors. As such, the content will have a greater emphasis on the livestock industries and the role of these industries in society, and less emphasis on the scientific disciplines in animal science than other courses currently offered. Thus, content will be applicable and appealing to students with a wide range of interests and backgrounds, including those with little to no direct involvement in animal agriculture. Furthermore, the proposed course will be offered online and will not include a lab with experiential learning activities. These differences from current courses will provide greater

¹ Cummins, A., N. O. Widmar, C. Croney and J. Fulton. (2015) *Perceptions of United States Residents: Animal Agriculture and Meat Products*. Center for Animal Welfare Science at Purdue University RP.2015-04.

opportunity for off-campus students and students from a wide range of majors to pursue studies in the College of Agriculture, Food and Environmental Sciences.

2. Note whether this course is: Required Elective
The Animal Science minor will be updated to allow students to complete either AS 101-101L or AS 102 as a required course for the minor. In all other cases, the course will be an elective.
3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
Agricultural Science (A.S. and B.S.) and Agricultural Education, Communication and Leadership (3 specializations)
4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.
NA
5. Desired section size 40
6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
Amanda Blair, Professor, Ph.D.
7. Note whether adequate facilities are available and list any special equipment needed for the course.
Adequate facilities are available; no additional equipment is needed.
8. Note whether adequate library and media support are available for the course.
Content is similar to current course offering of AS 101-101L, so library support will be adequate. Any media support will be provided through Instructional Design Services.
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.
NA