



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

New Course Request

SDSU	Agriculture, Food & Environmental Sciences / Veterinary & Biomedical Sciences
Institution	Division/Department
Dennis D. Hedge	4/29/2020
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
VET 630	Veterinary Genetics and Genomics	1

Course Description	Genetic factors and modes of inheritance influencing animal health, including autosomal recessive disorders, inbreeding, mutation, and gene regulation and expression.
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Pre-requisites or Co-requisites

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

Registration Restrictions

Admission into the Professional Program in Veterinary Medicine or instructor consent.

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 720	Advanced Selection of Domestic Animals	3

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

The proposed course is required for the Professional Program in Veterinary Medicine (PPVM). The PPVM program is a collaboration between SDSU and the University of Minnesota-Twin Cities consisting of the first two years of coursework towards the Doctor of Veterinary Medicine (DVM) degree. The new course aligns with the UMN coursework and aligns with accreditation standards.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain below: New faculty or re-assigned faculty will teach the course once per year, supported by new revenue from tuition, fees, and redirected state parasite tax revenue.

3.2. Existing program(s) in which course will be offered: Professional Program in Veterinary Medicine

3.3. Proposed instructional method by university: R - Lecture

3.4. Proposed delivery method by university: 001 - Face-to-face term based instruction

3.5. Term change will be effective: Fall 2021

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: SVET

4.2. Proposed CIP Code: 01.8001

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

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

Alan Young	Alan Young	1/15/2020
Request Originator	Signature	Date
Gary Gackstetter	Gary Gackstetter	2/01/2020
Department Chair	Signature	Date
Don Marshall	Don Marshall	2/01/2020
School/College Dean	Signature	Date

- Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.
This course is needed to meet the student learning outcomes required for accreditation standards of the Council of Education of the American Veterinary Medical Association.
- Note whether this course is: Required Elective
- In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
None directly, although the course might be of interest to students in certain graduate programs, such as the Biological Sciences MS and PhD.
- If this will be a dual listed course, indicate how the distinction between the two levels will be made.
N/A.
- Desired section size: 20-30
- Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
Specific individuals have not yet been determined, but the instructor(s) will have a terminal science degree (PhD or DVM).
- Note whether adequate facilities are available and list any special equipment needed for the course.
Plans are underway to develop needed facilities and acquire equipment.
- Note whether adequate library and media support are available for the course.
Plans are in progress to ensure adequate library and media support are available for the course, informed by a visit to and on-going communications with the University of Minnesota College of Veterinary Medicine.
- Will the new course duplicate courses currently being offered on this campus? Yes No
- If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.
N/A