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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Wildlife & Fisheries Sciences (B.S.)
CIP CODE:	03.0601
UNIVERSITY DEPARTMENT:	Natural Resource Management
UNIVERSITY DIVISION:	Agriculture, Food & Environmental Sciences

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Dennis D. Hedge
Vice President of Academic Affa2

3/25/2020

<i>Existing Curriculum</i>				<i>Proposed Curriculum (Highlight Changes)</i>			
Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
NRM	230	Natural Resource Management Techniques	3	NRM	230	Natural Resource Management Techniques	3

Existing Curriculum

Proposed Curriculum (Highlight Changes)

Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
Summary of Credits for Wildlife and Fisheries Sciences (B.S.)							
System General Requirements			32	System General Requirements			32
College Requirements			2	College Requirements			2
Major Requirements			64-73	Major Requirements			67-73
Electives			13-22	Electives			13-19
Total number of hours required for major			70-81	Total number of hours required for major			67-73
Total number of hours required for degree			120	Total number of hours required for degree			120

7. Explanation of the Change:

The requested changes include:

Students will be required to complete General Botany I and Lab BOT 201-201L) instead of general biology (BIOL 153-153L) or animal diversity (NRM 200-200L) which has not been taught in several years.

Students will also be required to complete either BIOL 371 Genetics or AS 332 Livestock Breeding and Genetics instead of BIOL 202-202L.

Required physical science courses will focus on soils (PS 213-213 recommended) but will allow either organic chemistry (CHEM 328-328L) or geography (PS 243). Hydrology (CEE 434) will be deleted from the list of course possibility as few students take the course.

Forest ecology (BOT 303-303L) will be added as one of the botany electives. RANG 210 and RANG 400 will be removed because they do not meet certification requirements.

RANG 374 will increase from 3 to 4 credits.

NRM 276 Scientific Communications (1 cr.) was added to the major requirements. This course will emphasize best practices in communicating science in written reports and oral presentations to prepare students for upper level natural resource management courses.

In addition, a new course NRM 350 Conservation and Management of Endangered and Nongame Wildlife (3 cr.) was added as an elective.