



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM TITLE:	Nutrition & Exercise Sciences (M.S.) - Exercise Science Specialization
CIP CODE:	19.0504 – Nutrition & Exercise Sciences Major CIP 31.0505 – Exercise Science Specialization CIP
UNIVERSITY DEPARTMENT:	Health & Nutritional Sciences
BANNER DEPARTMENT CODE:	SHNS
UNIVERSITY DIVISION:	Education & Human Sciences
BANNER DIVISION CODE:	3H

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 Affairs or
President of the University

12/9/2020

Date

1. This modification addresses a change in:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input checked="" type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input checked="" type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input checked="" type="checkbox"/> Other: Add Option C |

2. Effective date of change: 2021-2022 Academic Year

3. Program Degree Level: Associate Bachelor's Master's Doctoral

4. Category: Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur:

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name:

6. Primary Aspects of the Modification:

<i>Existing Curriculum</i>				<i>Proposed Curriculum (Highlight Changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
				EXS	750	Advanced Exercise Physiology	3
						EXS Electives	9
				HNS	708	Applied Research & Evidence Based Analysis	3
HNS	790	Seminar	1	HNS	790	Seminar	1

<i>Existing Curriculum</i>				<i>Proposed Curriculum (Highlight Changes)</i>			
Prof.	Num.	Title	Cr. Hrs.	Prof.	Num.	Title	Cr. Hrs.
HNS OR NUTR	783	Research Methods (3)	3	HNS OR NUTR	783	Research Methods (3)	3
HSC OR HSC OR STAT	631	Epidemiology (3)	3	HSC OR HSC OR STAT	631	Epidemiology (3)	3
	731	Biostatistics I (3)		HSC	731	Biostatistics I (3)	3
	541	Biostatistics II (3)		STAT	541	Biostatistics II (3)	3
		Statistical Methods (3)		NUTR	725	Nutrition and Human Performance	3
		Select <u>12</u> credits from list below	12			Select <u>12</u> credits from list below	<u>12</u>
EXS	550	Clinical Exercise Physiology	3	EXS	550	Clinical Exercise Physiology	3
EXS	745	Applied Biomechanics	3	EXS	745	Applied Biomechanics	3
EXS	750	Advanced Exercise Physiology	3	EXS	750	Advanced Exercise Physiology	3
EXS	751	Laboratory Techniques in Exercise Physiology	3	EXS	751	Laboratory Techniques in Exercise Physiology	3
NUTR	725	Nutrition and Human Performance	3	NUTR	725	Nutrition and Human Performance	3
PE	742	Psychological Aspects of Sport and Exercise	3	PE	742	Psychological Aspects of Sport and Exercise	3
Select one of the following options				Select one of the following options			
<i>Option A-Thesis</i>				<i>Option A-Thesis</i>			
HNS	798	Thesis	5	HNS	798	Thesis	5
		Electives	6			Electives	<u>8</u>
<i>Option B-Research/Design Paper</i>				<i>Option B-Research/Design Paper</i>			
HNS	788	Master's Research Problems/Projects	3	HNS	788	Master's Research Problems/Projects	3
		Electives	13			Electives	<u>10</u>
				<i>Option C—Coursework only</i>			
				HNS	794	Internship	3
						Electives	<u>13</u>
Total required credits				Total required credits			
Option A			30	Option A			<u>32</u>
Option B			35	Option B			<u>32</u>
				Option C			<u>35</u>

7. Explanation of the Change:

Option C – Coursework Only was added to allow students who are more interested in pursuing the professional pathway. Many of the exercise science students plan is to apply to a professional school. This allows the student to enrich their background to gain experience to be more competitive for professional school. Option C allows students to work in an area and gain experience. Additionally, the Option A and B were revised to add two additional courses to the required area. With the two additional courses to the required area, the number of electives needed to be changed. HNS 708 Applied Research & Evidence Based Analysis will replace stats and the research methods course. Option A students can be advised to complete additional stats and research methods course as electives.