



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

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM DEGREE:</b>	<b>Doctor of Philosophy (Ph.D.)</b>
<b>CURRENT PROGRAM MAJOR/MINOR:</b>	<b>Nutrition and Exercise Sciences</b>
<b>CURRENT SPECIALIZATION:</b>	<b>N/A</b>
<b>CIP CODE:</b>	<b>19.0504</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>School of Health &amp; Consumer Sciences</b>
<b>BANNER DEPARTMENT CODE:</b>	<b>SHCS</b>
<b>UNIVERSITY COLLEGE:</b>	<b>College of Education &amp; Human Sciences</b>
<b>BANNER COLLEGE CODE:</b>	<b>3H</b>

**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

3/28/2024

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 type="checkbox"/> Total credits required for program                 |
| <input type="checkbox"/> Program name  | <input type="checkbox"/> Existing specialization                            |
| <input type="checkbox"/> CIP Code  | <input type="checkbox"/> Other (explain below)                              |
| <input type="checkbox"/> Modification requiring Board of Regents approval        |   |

*Must have prior approval from Executive Director or designee*

**2. Effective date of change: 2024-2025 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. Is the program being modified associated with a current articulation agreement?**

Yes ☐ No ☒

- a. If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain: N/A

## 7. 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.
		<b>Advanced Research Methods</b> Select one of the following:	3			<b>Advanced Research Methods</b> Select one of the following:	3
HNS	783	Research Methods in Health & Nutritional Sciences	3	HNS	783	Research Methods in Health & Nutritional Sciences	3
NUTR	782	Epidemiology	3	NUTR	782	Epidemiology	3
		Or other class approved by committee				Or other class approved by committee	
		<b>Advanced Statistics</b> Select one of the following:	3			<b>Advanced Statistics</b> Select two of the following:	6
HSC	631	Biostatistics I	3	HSC	631	Biostatistics I	3
HSC	731	Biostatistics II	3	HSC	731	Biostatistics II	3
STAT	541	Statistical Methods II	3	STAT	541	Statistical Methods II	3
		Or other class approved by committee				Or other classes approved by committee	
		<b>Other Core Requirements</b>				<b>Other Core Requirements</b>	
EXS	750	Advanced Exercise Physiology	3	EXS	750	Advanced Exercise Physiology	3
GSR	601	Research Regulations Compliance	1	GSR	601	Research Regulations Compliance	1
HNS	790	Seminar	1	HNS	790	Seminar	1
HNS	898D	Dissertation	28	HNS	898D	Dissertation	28-43
NUTR	702	Macronutrients in Human Nutrition	3	NUTR	702	Macronutrients in Human Nutrition	3
NUTR	760	Vitamins and Minerals In Human Nutrition	3	NUTR	760	Vitamins and Minerals in Human Nutrition	3
		Electives	15			Electives	0-15
Total number of hours required for degree			60	Total number of hours required for degree			60

## 8. Explanation of the Change:

In looking at other PhD programs both within and outside of SDSU, a change in core course requirements was needed to be competitive for recruiting students and enhancing the research initiative. The Nutrition and Exercise Science faculty agreed on the following changes to help improve the program to meet the needs of faculty and students. The statistics credit hours were increased to 6 credit hours from 3. The other core required courses decreased from 11 to 8 credit hours with the removal of NUTR 760 Vitamins and Minerals. A flexible dissertation credit range was added to tailor the program for individual research trajectories. The dissertation credit range allows for more flexibility in advising for the advisor and student and allows for a more research-intensive program. The addition of a range for dissertation credits decreased the credits for elective credits.

The PhD program in Nutrition and Exercise Sciences is changing to better meet the needs of faculty and current students, and for recruiting new students into the program. To grow and expand the research programs within the School of Health and Consumer Sciences, to help meet the university's goal of reaching R1 status, the PhD program needs to evolve to recruit and retain more students. Program faculty have been looking at benchmark programs to aid in the development of a stronger program that will attract and retain quality students. Thus, helping to grow and expand current research programs within the school.