



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

**New Graduate Degree Program**

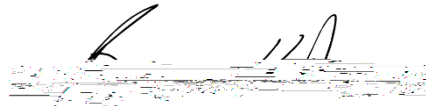
<b>UNIVERSITY:</b>	SDSU
<b>PROPOSED GRADUATE PROGRAM:</b>	Nutrition and Dietetics (M.S.)
<b>EXISTING OR NEW MAJOR(S):</b>	Existing
<b>DEGREE:</b>	Master of Science (M.S.)
<b>EXISTING OR NEW DEGREE(S):</b>	Existing
<b>INTENDED DATE OF IMPLEMENTATION:</b>	2022-2023 Academic Year
<b>PROPOSED CIP CODE:</b>	51.3101
<b>SPECIALIZATIONS:</b>	N/A
<b>IS A SPECIALIZATION REQUIRED (Y/N):</b>	No
<b>DATE OF INTENT TO PLAN APPROVAL:</b>	3/30/2021
<b>UNIVERSITY DEPARTMENT:</b>	School of Health and Consumer Sciences
<b>BANNER DEPARTMENT CODE:</b>	SHCS
<b>UNIVERSITY DIVISION:</b>	Education & Human Sciences
<b>BANNER DIVISION CODE:</b>	3H

**Please check this box to confirm that:**

The individual preparing this request has read [AAC Guideline 2:10](#), which pertains to new graduate degree program requests, and that this request meets the requirements outlined in the guidelines. This request will not be posted to the university website for review of the Academic Affairs Committee until it is approved by the Executive Director and Chief Academic Officer.

**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.*

  
\_\_\_\_\_  
President of the University

**10/14/2021**

Date

**1. What is the nature/purpose of the proposed program? Please include a brief (1-2 sentence) description of the academic field in this program.**

South Dakota State University (SDSU) requests authorization to offer an accelerated Master of Science in Nutrition and Dietetics to replace the current accredited Nutrition and Dietetics Internship (NDI) and meet the credentialing requirement for the graduate to be eligible to take the registration examination for Registered Dietitian Nutritionist. The accelerated M.S. in Nutrition and Dietetics is being developed to meet new credentialing requirements by Accreditation Council for Education of Nutrition and Dietetics (ACEND) to become a Registered Dietitian Nutritionist (RDN). The supervised practice experience, which is required to become credentialed and is currently being offered through the Nutrition and Dietetics Internship, will be incorporated into the new accelerated M.S. in Nutrition and Dietetics

request in this proposal.

Beginning January 2024, the minimum degree requirement for eligibility to take the registration examination to become a registered dietitian nutritionist will change from a bachelor's degree to a graduate degree. RDN candidates will be required to complete a master's degree and an Accreditation Council for Education of Nutrition and Dietetics (ACEND) accredited supervised practice experience.<sup>1</sup> The Commission on Dietetic  
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**5. Program Proposal Rationale:**

**A. If a new degree is proposed, what is the rationale<sup>11</sup>**

This is not a new degree.

**B. What is the rationale for the curriculum?**

The accelerated M.S. in Nutrition and Dietetics has been proposed as a new program to meet the accreditation standards for the graduate degree requirement to become a registered dietitian.

and older adults.

- c. Learning experiences must use a variety of educational approaches necessary for delivery of curriculum content to meet learner needs and competencies.

The program has been designed as an accelerated B.S. + M.S. in Nutrition and Dietetics that will provide students learning experiences to attain the breadth and depth of the required curriculum competencies. Students apply during the second semester of their sophomore year and are accepted by the school into the accelerated pathway at the beginning of junior year. Years 3 (D1), 4 (D2), and 5 (D3) are developed to meet the required ACEND accredited competencies. Based on the current program requirements, the program curriculum is designed to allow nine credits that will be applied to the undergraduate and graduate program. The specific courses that will count for undergraduate and graduate credit include NUTR 523 Medical Nutrition Therapy I (3 cr.), NUTR 525 Medical Nutrition Therapy II (3 cr.), and NUTR 560 Nutrigenomics and Molecular Nutrition (3 cr.). For financial aid purposes, students will remain classified as undergraduate students through year 4 until they graduate with their bachelor's degree. At the end of year 3 students will submit their Graduate School application to be accepted into the accelerated graduate program. The curriculum below outlines the graduate level courses only that are completed during years 4 (D2) and 5 (D3) of the accelerated program. To receive the verification statement to be eligible to take the registration examination, the students must complete the required courses in the B.S. in Nutrition and Dietetics and the graduate courses listed below to graduate with the master's degree. The curriculum is designed to be competency-based allowing students to meet the ACEND accredited competencies. For students who are accepted into the accelerated program but later change their minds, they can receive the B.S. in Nutrition and Dietetics upon completion of the coursework through year 4. These students will not be eligible to pursue the registered dietitian credential.

### **C. Demonstrate/provide**

<b>Prefix</b>	<b>Number</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>New (yes, no)</b>
NUTR	695 <sup>a</sup>	Practicum (repeated 2 times for 3 credits)	6	No
NUTR	708	Applied Research and Evidence Based Analysis	3	No
NUTR	712			

**South Dakota State University Nutrition and Dietetics Program (FG)  
ACEND Future Education Model Competency Assessment**

<b>Competency (level) - Knows (K), Shows (S), Does (D)</b>	<b>Program Courses that Address the Outcomes<sup>13</sup></b>
<b>1.1</b> Applies an understanding of environmental, molecular factors (e.g. genes, proteins, metabolites) and food in the development and management of disease. (S)	NUTR 523 – Medical Nutrition Therapy I NUTR 525 – Medical Nutrition Therapy II NUTR 560 – Nutrigenomics and Molecular Nutrition NUTR 708 – Applied Research and Evidence Based Analysis NUTR 715 – Public Health Nutrition
<b>1.2</b> Applies an understanding of anatomy, physiology, and biochemistry. (S)	NUTR 522 – Advanced Human Nutrition & Metabolism NUTR 523 – Medical Nutrition Therapy I NUTR 525 – Medical Nutrition Therapy II

**1.4**



<b>Competency (level) - Knows (K), Shows (S), Does (D)</b>	<b>Program Courses that Address the Outcomes<sup>13</sup></b>
<b>2.2</b> Selects, develops and/or implements nutritional screening tools for individuals, groups or populations. <b>(D)</b>	NUTR 523 – Medical Nutrition Therapy I NUTR 523 – Medical Nutrition Therapy II NUTR 695 – Practicum (Medical Nutrition Therapy I Practicum) NUTR 695 – Practicum (Medical Nutrition Therapy II Practicum) NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>2.3</b> Utilizes the nutrition care process with individuals, groups or populations in a variety of practice settings. <b>(D)</b>	NUTR 695 – Practicum (Medical Nutrition Therapy I Practicum) NUTR 695 – Practicum (Medical Nutrition Therapy II Practicum) NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>2.4</b> Implements or coordinates nutritional interventions for individuals, groups or populations. <b>(D)</b>	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>2.5</b> Prescribes, recommends and administers nutrition-related pharmacotherapy. <b>(S)</b>	NUTR 525 – Medical Nutrition Therapy I NUTR 695 – Practicum (Medical Nutrition Therapy I Practicum) NUTR 712 – Advanced Medical Nutrition Therapy NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>3.1</b> Directs the production and distribution of quantity and quality food products. <b>(D)</b>	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>3.2</b> Oversees the purchasing, receipt and storage of products used in food production and services. <b>(D)</b>	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>3.3</b> Applies principles of food safety and sanitation to the storage, production and service of food. <b>(D)</b>	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>3.4</b> Applies and demonstrates an understanding of agricultural practices and processes. <b>(S)</b>	NUTR 695 – Practicum (Community/Org Leadership Practicum II)
<b>4.1</b> Utilizes program planning steps to develop, implement, monitor and evaluate community and population programs. <b>(D)</b>	NUTR 695 – Practicum (Community/Org Leadership Practicum II) NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>4.2</b> Engages in legislative and regulatory activities that address community, population and global nutrition health and nutrition policy. <b>(D)</b>	NUTR 715 – Public Health Nutrition
<b>5.1</b> Demonstrates leadership skills to guide practice. <b>(D)</b>	NUTR 695 – Practicum (Community/Org Leadership Practicum II) NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>5.2</b> Applies principles of organization management. <b>(D)</b>	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)
<b>5.3</b> Applies project management principles to achieve project goals and objectives. <b>(D)</b>	NUTR 695 – Practicum (Community/Org Leadership Practicum II) NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)

Competency (level) - Knows (K), Shows (S), Does (D)	Program Courses that Address the Outcomes <sup>13</sup>
7.2 Uses effective communication, collaboration and advocacy skills. (D)	NUTR 794 – Internship (Supervise Experiential Learning I, II, and III)

**B. Are national instruments (i.e., examinations) available to measure individual student achievement in this field? If so, list them.**

Accreditation Council for Education of Nutrition and Dietetics (ACEND) accreditation requires programs to meet a first-year pass rate of 80% on the RDN credentialing examination.

**C. How will individual students demonstrate mastery? Describe the specific examinations and/or processes used, including any external measures (including national exams, externally evaluated portfolios, or student activities, etc.). What are the consequences for students who do not demonstrate mastery?**

ACEND accreditation standards require the program to ensure that 100% of the students meet the minimum level set for each competency listed above. Students are evaluated on the respective competencies listed above in the respective classes. Students not meeting minimum standards will be required to repeat the particular competency. Students who are not consistently meeting the competency will be advised to change programs.

**7. What instructional approaches and technologies will instructors use to teach courses in the program? This refers to the instructional technologies and approaches used to teach courses and NOT the technology applications and approaches expected of students.**

The program will be taught using lecture, laboratory, and supervised experiential learning.

**8. Did the University engage any developmental consultants to assist with the development of the curriculum? Did the University consult any professional or accrediting associations during the development of the curriculum? What were the contributions of the consultants and associations to theyt to theyt tTJE5Tg1 481.4tdo2( )-2(co)-7(llafe)4(n)-3(t of)6( the**

M.S. in Nutrition and Dietetics. The program will be designed for students to progress from the B.S. in Nutrition and Dietetics into the master's degree. Once the master's program is fully approved, the University plans to submit to discontinue the Nutrition and Dietetics Internship (NDI) accreditation. A teach-

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**Academic Years\***

City Campus, etc.) or deliver the entire program through distance technology (e.g., as an online program)?

	Yes/No	Intended Start Date
On campus	Yes	2022-2023 Academic Year

	Yes/No	If Yes, list location(s)	Intended Start Date
Off campus	No		

	Yes/No	If Yes, identify delivery methods <i>Delivery methods are defined in <a href="#">AAC Guideline 5.5</a>.</i>	Intended Start Date
Distance Delivery (online/other distance delivery methods)	No		
Does another BOR institution already have authorization to offer the program online?	No	If yes, identify institutions:	

**B. Complete the following chart to indicate if the university seeks authorization to deliver more than 50% but less than 100% of the program through distance learning (e.g., as an online program)? This question responds to HLC definitions for distance delivery.**

	Yes/No	If Yes, identify delivery methods	Intended Start Date
Distance Delivery (online/other distance delivery methods)	No		

**13. Cost, Budget, and Resources: Explain the amount and source(s) of any one-time and continuing investments in personnel, professional development, release time, time redirected from other assignments, instructional technology & software, other operations and maintenance, facilities, etc., needed to implement the proposed major. Address off-campus or distance delivery separately.**

The budget calculations are included in Appendix A and described below.

The requested M.S. in Nutrition and Dietetics graduate program is planned as an accelerated master's program. Students will be able to complete the undergraduate B.S. in Nutrition and Dietetics, supervised experiential practice for credentialing, and M.S. in Nutrition and Dietetics in 5 years and be eligible to take the national registration examination for Registered Dietitian Nutritionist.

The program is requesting to transfer the existing Nutrition and Dietetics Internship fee of \$9,538.40 (FY22) per student to the accelerated M.S. in Nutrition and Dietetics graduate program and continue the NUTR discipline fee of \$29.70 on NUTR courses. The program will accept undergraduates into the program the beginning of the junior year (Year 3, D1) and these students will be taking undergraduate courses only. Students in year 4, (D2) complete



**of consultants.**

The requirement for an outside reviewer was waived for this request. The program requested to have the external consultant visit waived based on the requirement that the program was planned to meet the graduate education standards required by Accreditation Council for Education of Nutrition and Dietetics (ACEND) and creation of only one new course. Also, upon submission of the self-study to ACEND for accreditation, the program will need to schedule an external review and site visit by two trained ACEND appointed reviewers. The self-study and the report from the reviewers will be reviewed by the ACEND board for determination of accreditation status.

**15. Is the university requesting or intending to request permission for a new fee or to attach an existing fee to the program? If yes, explain.**

YES NO

*Explanation (if applicable):*

SDSU requests to attach an existing dietetic internship fee of \$9538.40 (FY22) and the NUTR discipline fee to the new program. The existing dietetic program fee is being requested to support the program director and the experiential learning experiences required for the program. Currently, the dietetic fee is assessed during the internship with ½ manually assessed in the fall and ½ manually assessed in the spring. These students also are assessed the \$29.70/ credit hour for any NUTR course that they take.

The program is requesting to add the existing fees (dietetic internship fee of \$9538.40 and NUTR discipline fee of \$29.70/credit hour) to the program. Students accepted into the accelerated MS in Nutrition and Dietetics will pay a discipline fee of \$29.70/credit hour for the NUTR courses in the program and the dietetic internship fee of \$9538.40, which will be assessed at \$530/credit hour on the 6 credits of NUTR 695 Practicum and 12 credits of NUTR 794 Internship. This fee of \$530/credit of supervised experiential learning was calculated by dividing the current total dietetics fee of \$9538.40 by 18 credits of supervised experiential learning.

The advantage of billing per credit hour allows automatic billing with less chance of an error versus the current manual process. Changing the fee from annual fee to per credit hour would mean the overall fee for the student might not be the same each semester based on the number of credits taken. However, if credit hours are spread out relatively evenly over the program it would not vary too much. The overall amount would still be the same.

**16. New Course Approval: New courses required to implement the new graduate program may receive approval in conjunction with program approval or receive approval separately. Please check the appropriate statement:**

*YES, the university is seeking approval of new courses related to the proposed program in conjunction with program approval. All New Course Request forms are included as Appendix B and match those described in section 5D.*

*NO, the university is not seeking approval of all new courses related to the proposed program in conjunction with program approval; the institution will submit new course approval requests separately or at a later date in accordance with Academic Affairs Guidelines.*

## **17. Additional Information:**

### **Additional Admission Requirements**

GRE: Not required

TOEFL: 79-80 Internet-based

TOEFL Essentials: 8.5

IELTS: 6.5

Duolingo: 110

SDSU students or transfer students will apply for admission to the M.S. in Nutrition and Dietetics graduate program at the end of their sophomore year. Student's must have completed general education requirements, and the following courses: CHEM 106 Survey of Chemistry, CHEM 108 Organic and Biochemistry, BIOL 221 Anatomy, BIOL 325 Physiology, MICR 231 General Microbiology, NUTR 315 Human Nutrition, and NURS 201 Medical Terminology. Students must have overall GPA of 3.0 or greater and a science GPA of 2.5 or greater. Students must be accepted into the program at the beginning of their junior year to continue to the graduate program.







*State-support: Change cell on page 1 to use the UG or GR net amount.*

<b>Off-Campus Tuition, HEFF &amp; Net</b>	<b>FY22 Rate</b>	<b>HEFF</b>	<b>Net</b>
Undergraduate	\$354.75	\$40.80	<b>\$313.95</b>

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**New Course Request**

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<b>SDSU</b>	<b>Education &amp; Human Sciences / Health &amp; Consumer Sciences</b>
<b>Institution</b>	<b>Division/Department</b>
Dennis D. Hedge	10/13/2021
<b>Institutional Approval Signature</b>	<b>Date</b>

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**Section 1. Course Title and Description**

<b>Prefix &amp; No.</b>	<b>Course Title</b>	<b>Credits</b>
NUTR 712	Advanced Medical Nutrition Therapy	3

**Course Description**

This course is designed to provide the student with advanced understanding of medical nutrition



