

Buffalo State-SUNY Didactic Program in Nutrition and Dietetics

KRDN Student Learning Outcomes (SLO) Assessment Plan (Required Elements 6.1 and 6.2)

On-going Assessment of Core Knowledge for the RDN

Date of Last Accreditation Review (self-study) self study ____ 2019 _____

History of Annual Review		
Date of Annual Review	Individuals/Groups who Reviewed Plan	Results of the Review (i.e. changes that were made, if any)
11/2019	HND faculty meeting and indiv faculty	Determined evaluation schedule until 2027

Domain 1: Scientific and Evidence Base of Practice: integration of scientific information and research into practice					
A) RE 6.1.a: ACEND-Required Core Knowledge	B) RE 6.1.b: Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	C) RE 6.1.c: Didactic courses and/or experiential learning in which assessment will occur	D) RE 6.1.d: Individuals responsible for ensuring assessment occurs	E) RE 6.1.e: Timeline for collecting formative and summative data	F) RE 6.2: Data on achievement of learning outcomes, included date collected
KRDN 1.1: Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.	Students will answer a research question by using PubMed or Cochrane Database or Systematic Reviews or using professional literature. 80% of students will receive a grade of B or higher on the research paper assignment	NFS 102 Formative	Faculty responsible for the course Program Director	Collect 2 semesters starting with Spring 2020	Spring 2020
	Students will answer a clinical question by locating an evidenced-based practice guideline article using two data bases of systematic reviews, submitting the search strategy and abstract. 80% of the students will receive >80% on the assignment	NFS 430 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting with Fall 2021 and continue until criteria is met	Fall 2021
	Students will write a literature review research paper on a selected nutrition	NFS 495 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2020 and continue until criteria is met	Spring 2020

	<p>topic using peer reviewed journals to justify their thesis statement.</p> <p>80% of the students will receive a grade of 80% or higher on research paper</p>				
<p>KRDN 1.2: Use current information technologies to locate and apply evidence-based guidelines and protocols.</p>	<p>Given the EAL Oncology Guidelines the students will complete a close reading assignment which evaluates their ability to apply the Guidelines for different cancer types</p> <p>80% of students will receive a grade of 80% or higher on the assignment</p> <p>Students will use information technologies to locate evidence-based information (in addition to Medline, the A.N.D. Evidence Analysis Library, Agency for Healthcare Research, and Quality, and National Guideline Clearinghouse) to solve a clinical problem</p> <p>80% students receive satisfactory on search strategy</p>	NFS 403 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Fall 2020 and continue until criteria is met	Fall 2020
		NFS 430 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Fall 2020 and continue until criteria is met	Fall 2020
<p>KRDN 1.3: Apply critical thinking skills.</p>	<p>Students will develop a well-supported needs</p>	NFS 316 Formative	Faculty responsible for the course	Collect for 1 semester starting in Fall 2022 and	Fall 2022

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	<p>statement justifying their community- based program intervention. 80% of students will receive a grade of $\geq 80\%$ on program intervention rubric</p> <p>Students will present a journal club presentation in which they will analyze a clinical trial. Students will utilize a modified A.N.D. Evidence Analysis process, according to a rubric. 80% of students will score 80% or better on the written evaluation of the value of the study section of the rubric</p>	<p>NFS430 Summative</p>	<p>Program Director</p> <p>Faculty responsible for the course Program Director</p>	<p>continue until criteria is met</p> <p>Collect for 1 semester starting in Fall 2017 and continue until criteria is met Monitor for trend Fall 2022</p>	<p>Fall 2022</p>

Domain 2: Professional Practice Expectations: beliefs, values, attitudes and behaviors for the professional dietitian level of practice					
A) RE 6.1.a: ACEND-Required Core Knowledge	B) RE 6.1.b: Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	C) RE 6.1.c: Didactic courses and/or experiential learning in which assessment will occur	D) RE 6.1.d: Individuals responsible for ensuring assessment occurs	E) RE 6.1.e: Timeline for collecting formative and summative data	F) RE 6.2: Data on achievement of learning outcomes, included date collected
KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.	Students will give an oral presentation on a selected topic in life cycle nutrition and submit a written summary of the topic. Evaluation: rubric: 80% or more will receive a grade of B or higher for oral/written presentation	NFS 315 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2021 and continue until criteria is met	Spring 2021
	Students will give an oral /written presentation about their interview with an RD 90% will receive satisfactory on rubric for assignment	NFS 420 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2021 and continue until criteria is met	Spring 2021

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<p>KRDN 2.2: Describe the governance of nutrition and dietetics practice, such as the Scope of Nutrition and Dietetics Practice and the Code of Ethics for the Profession of Nutrition and Dietetics; and interprofessional relationships in various practice settings.</p>	<p>Students will describe the guidelines for dietetics practitioners in their professional practice and conduct by 80% of students will correctly answer 80% questions on an exam which describes the governance of nutrition and dietetics practice such as SOP and the Code of Ethics</p>	NFS 230 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2023 and continue until criteria is met	Spring 2023
	<p>Students will describe the governance of nutrition and dietetics in a case study involving interprofessional relationships in various practice settings and the Code of Ethics and scope of practice 90% of students will receive a grade of 80% on AND ethics case study</p>	NFS 420 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2023 and continue until criteria is met	Spring 2023
<p>KRDN 2.3: Assess the impact of a public policy position on nutrition and dietetics practice.</p>	<p>Students will assess the impact of a public policy position on nutrition and dietetics practice when provided a case study activity.</p> <p>80% of students will correctly assess the impact of public policy position on</p>	NFS 230 Formative	Faculty responsible for the course Program Director	Collect 1 semester starting with Fall 2025	Fall 2025

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	<p>nutrition and dietetics practice</p> <p>Students will summarize one current AND community related legislative issue in a brief written report 80% of students will receive a grade of $\geq 80\%$ on legislative written report</p>	NFS 316 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Fall 2025 and continue until criteria is met	Fall 2025
KRDN 2.4: Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.	<p>Students will write a training session to educate staff how food and nutrition services can impact value-based purchasing (Affordable Care Act) Spring 2019 80% will receive 80 or higher on the evaluation rubric</p>	NFS 211 Formative	Faculty responsible for the course Program Director	Spring 2024	Spring 2024
	<p>Students will correctly articulate how government programs influence health outcomes and health care costs based on a public policy journal summary 80% of students will receive $> 80\%$ on rubric public policy journal summary</p>	NFS 316 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2024 and continue until criteria is met	Spring 2024

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	<p>accommodate for cultural diversity. Students will develop menu and recipes for cultural group 80% will receive satisfactory grade</p> <p>Students will perform a needs assessment for delivery of a group community oral nutrition presentation (e.g., school, daycare, senior center, mental health center, pre-pregnancy class, etc.) 80% of students will earn 80% or higher on a cultural competence quiz 100% of students will perform a nutrition education needs assessment which includes assessment of cultural preferences.</p>	<p>NFS 405 Summative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Spring 2022 and continue until criteria is met</p>	<p>Spring 2022</p>
<p>KRDN 2.7: Demonstrate identification with the nutrition and dietetics profession through activities such as participation in professional organizations and defending a position on issues impacting the nutrition and dietetics profession.</p>	<p>Students will demonstrate identification with the nutrition and dietetics profession by providing a written and verbal presentation explaining and supporting an AND Position Paper on a select topic. 80% of students will receive a grade higher than 80% on the Position Paper Project</p> <p>Students will write a summary of AND's position</p>	<p>NFS 230 Formative</p> <p>NFS 420 Summative</p>	<p>Faculty responsible for the course Program Director</p> <p>Faculty responsible for</p>	<p>Collect for 1 semester starting in Fall 2022 and continue until criteria is met</p>	<p>Fall 2022</p> <p>Spring 2022</p>

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	<p>on selected legislation and show proof of participation in an Action Alert 90% of students will receive a grade of $\geq 80\%$ on written summary</p>		<p>the course Program Director</p>	<p>Collect for 1 semester starting in Spring 2022 and continue until criteria is met</p>	
<p>KRDN 2.8: Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.</p>	<p>Students will demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others by correctly answering 2 select questions included in a written examination. 80% of students will correctly answer two select questions that demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others</p>	<p>NFS 230 Formative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Summer 2020 and continue until criteria is met</p>	<p>Summer 2020</p>
	<p>Students will provide a written reflection on the RD 's role in professional mentoring and precepting of students . 80% of students will receive satisfactory on mentoring reflection in RD interview</p>	<p>NFS 420 Summative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Spring 2019 and continue until criteria is met</p>	<p>Spring 2019 6/10 60% 2 RDs did not mentor and 2 students did not comment on mentoring Did not meet criteria continue to monitor Monitor Spring 2020</p>

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Domain 3: Clinical and Customer Services: development and delivery of information, products and services to individuals, groups and populations					
A) RE 6.1.a: ACEND-Required Core Knowledge	B) RE 6.1.b: Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	C) RE 6.1.c: Didactic courses and/or experiential learning in which assessment will occur	D) RE 6.1.d: Individuals responsible for ensuring assessment occurs	E) RE 6.1.e: Timeline for collecting formative and summative data	F) RE 6.2: Data on achievement of learning outcomes, included date collected
KRDN 3.1: Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions.	Students are able to use the nutrition care process to make decisions, to identify nutrition-related problems and determine and evaluate nutrition interventions, including medical nutrition therapy, disease prevention and health promotion. 80% of students will receive a grade of 80% or higher on SOAP note assignment	NFS 402 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2021 and continue until criteria is met	Spring 2021
	Students will formulate a SOAP Note that successfully incorporate all 4 steps of the NCP 80% of students will receive 70% or higher on the last graded SOAP note	NFS 403 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Fall 2021 and continue until criteria is met	Fall 2021

<p>KRDN 3.2: Develop an educational session or program/educational strategy for a target population.</p>	<p>Students will prepare an oral presentation and written report on a specific culture as approved by instructor to demonstrate cultural competency 80% of student will receive 80% or higher on rubric for project.</p>	NFS 100 Formative	Faculty responsible for the course Program Director	Collect 1 semesters starting with Fall 2023	Fall 2023
	<p>Students will deliver a group community oral nutrition presentation (i.e. – after school program, daycare centers, senior centers, pre-pregnancy classes). 80% of students will receive 80% or higher on evaluation</p>	NFS 405 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2023 and continue until criteria is met	Spring 2023
<p>KRDN 3.3: Demonstrate counseling and education methods to facilitate behavior change for diverse individuals and groups.</p>	<p>Students will conduct individual nutrition counseling on assigned topic with evaluation using appropriate behavior change techniques. 80% will receive ≥80% on counseling rubric</p>	NFS 405 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2025 and continue until criteria is met	Spring 2025
	<p>Students will conduct individual nutrition counseling (student to “client”) using</p>	NFS 420 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2025 and continue until criteria is met	Spring 2025

	<p>motivational interviewing</p> <p>On counseling rubric</p> <p>80% of students will receive satisfactory grade</p>				
<p>KRDN 3.4: Explain the processes involved in delivering quality food and nutrition services.</p>	<p>Revised Spring 2019</p> <p>In business plan executive summary students will explain the processes involved in delivering quality food and nutrition services</p> <p>80% of students will receive 80% or higher on the business plan general company description</p>	<p>NFS 211 Formative</p> <p>Spring 2019</p>	<p>Faculty responsible for the course</p> <p>Program Director</p>	<p>Collect for 1 semester starting in Fall 2019 and continue until criteria met</p> <p>Collect for 1 semester starting in Fall 2027 and continue until criteria met</p>	<p>Fall 2027</p>
	<p>Students will write a menu that meets the requirements for nutritional adequacy from 2015-2020 Dietary Guidelines and MyPlate.</p> <p>80% of students will receive an 80% or better on grading rubric for menu project.</p>	<p>NFS 311 Summative</p>	<p>Faculty responsible for the course</p> <p>Program Director</p>	<p>Collect for 1 semester starting in Fall 2027 and continue until criteria met</p>	<p>Fall 2027</p>
<p>KRDN 3.5: Describe basic concepts of nutritional genomics.</p>	<p>Students will identify how food impacts health through interaction of genes and the subsequent effect on gene expression</p>	<p>NFS 102 Formative</p>	<p>Faculty responsible for the course</p> <p>Program Director</p>	<p>Collect for 1 semester starting in Spring 2020 and continue until criteria is met</p>	<p>Spring 2020</p>

	<p>Given 2 exam questions on nutritional genomics 80% of students will correctly answer</p> <p>Students will distinguish between nutrigenetics, nutrigenomics, and nutritional epigenetics. 70% of students will correctly answer 2 exam questions</p>	<p>NFS 302 Summative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Spring 2020 and continue until criteria is met</p>	<p>Spring 2019 18/29 (62%) Did not meet criteria continue to monitor Spring 2020 Instructor will spend more time on topic</p>
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Domain 4: Practice Management and Use of Resources: strategic application of principles of management and systems in the provision of services to individuals and organizations					
A) RE 6.1.a: ACEND-Required Core Knowledge	B) RE 6.1.b: Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	C) RE 6.1.c: Didactic courses and/or experiential learning in which assessment will occur	D) RE 6.1.d: Individuals responsible for ensuring assessment occurs	E) RE 6.1.e: Timeline for collecting formative and summative data	F) RE 6.2: Data on achievement of learning outcomes, included date collected
KRDN 4.1: Apply management theories to the development of programs or services.	Students will identify and apply management theory to the development of a food/nutrition business plan 80% of the student will receive 80% or higher on the project	NFS 211 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2026 and continue until criteria is met	Spring 2026
	Students will develop marketing plan for their program intervention. 80% of students will receive 80% or higher on the rubric	NFS 316 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Fall 2019/2026 and continue until criteria is met	Fall 2026
KRDN 4.2: Evaluate a budget and interpret financial data.	Students will explain the fundamentals of an operating labor budget and compliance as they apply to a health care	NFS 211 Formative	Faculty responsible for the course Program Director	Collect 2 semesters starting with Spring 2021	Spring 2021

	<p>food service operation and the organization's mission. 80% of students will receive 80% or better on labor budget assignment</p> <p>Students will correctly identify direct and indirect costs for community nutrition program based intervention proposal Evaluation: 80% of students will receive satisfactory on program plan rubric for budget</p>	<p>NFS 316 Summative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Spring 2021 and continue until criteria is met</p>	<p>Spring 2021</p>
<p>KRDN 4.3: Describe the regulation system related to billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained.</p>	<p>Given a case, students will correctly assign a malnutrition diagnosis for which there is a billing code 80% of students will correctly answer exam question</p>	<p>NFS 403 Formative</p>	<p>Faculty responsible for the course Program Director</p>	<p>Collect for 1 semester starting in Fall 2022 and continue until criteria is met</p>	<p>Fall 2022</p>

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	<p>Students will explain current reimbursement issues, policies and regulations on food and nutrition services</p> <p>Evaluation: 80% of Students will receive a grade of > 80% on billing Quiz</p>	NFS 420 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2022 and continue until criteria is met	Spring 2022
KRDN 4.4: Apply the principles of human resource management to different situations.	<p>Students will demonstrate ability to apply principles and concepts of the human management resources utilizing prevailing laws and regulation.</p> <p>80% of students receive >20 points on job description assignment related to human management resources</p>	NFS 211 Formative Fall 2018	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2021 and continue until criteria is met	Spring 2021
	<p>Students will demonstrate ability to apply principles and concepts of the human management resources utilizing prevailing laws and regulation</p> <p>80% of students will receive >80% on graded policy and procedure assignment</p>	NFS 311 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2021 and continue until criteria is met	Spring 2021
KRDN 4.5: Describe safety principles related to food, personnel and consumers.	Students will be able to recognize food safety concerns pertaining to	NFS 100 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2024 and continue until criteria is met	Spring 2024

	<p>personnel and consumers 80% students will answer 3 select questions regarding food safety on an exam</p> <p>Students will define employee safety and infection control processes as they apply to food service management 90% of students will correctly answer 2 selected quiz questions on applying principles of food safety program</p>	NFS 211 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2024 and continue until criteria is met	Spring 2024
KRDN 4.6: Analyze data for assessment and evaluate data to be used in decision-making for continuous quality improvement.	<p>Students will revise a labor budget based on new cost cutting requirements and develop a new staffing model while maintaining quality in the kitchen. 80% of students will receive 80% or higher on the assignment.</p>	NFS 211 Formative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2023 and continue until criteria is met	Spring 2023
	<p>Students will develop a community nutrition program based intervention proposal using available</p>	NFS 316 Summative	Faculty responsible for the course Program Director	Collect for 1 semester starting in Spring 2023 and continue until criteria is met	Spring 2023

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	community assessment data 80% of students will receive satisfactory on intervention plan rubric component for data evaluation				
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Revised 9/2018

Revised 1/2019

Revised 11/2019 for next self study 2027