

University of Arkansas
KRDN Student Learning Outcomes (SLO) Assessment Plan
(KRDNs and Courses)
AY 2022-2023

The Accreditation Council for Education in Nutrition and Dietetics 2022 Accreditation Standards for Nutrition and Dietetics Coordinated Programs (CP), Didactic Programs (DPD) become effective June 1, 2022. (Effective date of December 31, 2023 for the following: Regarding Standard 3, programs must either have KRDN 3.4 implemented by June 1, 2022 or show evidence of plans for implementation such as meeting minutes where implementation is discussed. After December 31, 2023, programs must have these knowledge requirements and/or competencies fully implemented within the curriculum).

The Core Knowledge Assessment Table for DPD Programs is attached (element 4.1-4.2).

We also collected data for university GELO 6.1 for the first time, utilizing the written summary report of the seminar presentation for this course. 95% met the goal and 90% met the ideal. Some minor adjustments will be made next year to facilitate data collection and more accurately reflect the intent of GELO 6.1.

ACEND-Required Core Knowledge	Course number and Course title in which the knowledge is assessed	List specific, required assessment method (exam, project, etc.) used to measure student achievement of core knowledge	Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	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.	NUTR 4273: Medical Nutrition Therapy II	COPD Case Study	100% of students will score 80% or better on the case study assignment	Spring 2023: N = 21 100% of students scored an 80% or better on the COPD Case Study
KRDN 1.2: Select and use appropriate current information technologies to locate and apply evidence-based guidelines and protocols.	NUTR 4273: Medical Nutrition Therapy II	COPD Case Study	100% of students will score 80% or better on the case study assignment	Spring 2023: N = 21 100% of students scored an 80% or better on the COPD Case Study
KRDN 1.3: Apply critical thinking skills.	NUTR 4001: Nutrition Seminar	Written Summary	100% of students will score 80% or better on the written summary (Utilizing the AACU Rubric on Critical Thinking)	Spring 2023: N = 20 19 of 20 students (95%) scored 80% or better

KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.	NUTR 4001: Nutrition Seminar	Seminar Presentation & Written Summary	100% of students will score 80% or better on the Presentation and the Written Summary	Spring 2023: N = 20 18 of 20 students (90%) scored a combined 80% or better on their presentation and written summary.
KRDN 2.2: Describe the governance of nutrition and dietetics practice, such as the Scope of Practice for the registered dietitian nutritionist and the Code of Ethics for the Profession of Nutrition and Dietetics.	NUTR 3213: Nutrition Education & Counseling	Ethics and Scope of Practice Quiz	100% of students will score 80% or better on the Scope of Practice and Code of Ethics quiz.	Fall 2022: N =13 7 of 13 students (54%) met the initial criteria BEFORE remediation. Following remediation, 11 of 13 (85%) met the criteria. 2 students did not enter into remediation (one failed course and will retake in fall 23, one graduated and will not become RD)
KRDN 2.3: Assess the impact of a public policy position on	NUTR 4243: Community Nutrition	Public Policy Quiz	100% of students will score 80% or better on the quiz on public policy.	Spring 2023: N = 20

nutrition and dietetics practice.				19 of 20 students scored an 80% or better on the public policy quiz. One student is currently in remediation.
KRDN 2.4: Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.	NUTR 3603: Quantity Foods	Menus Project	100% of students will score 80% or better on menus (based upon health care policies) for various delivery systems (Ex: School Lunch Program)	Spring 2023: N = 23 100% of students scored an 80% or better on the component of the assignment designed to address this KRDN. However, this was assessed in a group project, which retrospectively should not have occurred. This will be corrected in the spring 2024 course.
KRDN 2.5: Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates in the delivery of food and nutrition services.	NUTR 1201: Introduction to the Dietetics Profession	Interprofessional Teams Quiz	100% of students will score 80% or better on the quiz on interprofessional relationships of RD with others	Fall 2022: N = 49 43 of 49 students scored 80% or better. Of the 6 that did not complete the assignment, 4 either withdrew from the U of A or changed majors. Spring 2023: N = 17 100% scored 80% or better
KRDN 2.6: Demonstrate cultural humility, awareness of personal biases and an understanding of cultural differences as they contribute to diversity, equity and inclusion.	NUTR 3213: Nutrition Education and Counseling	Cross-Cultural Interview Assignment	100% of students will score 80% or better on the Cross-Cultural Interview assignment	Fall 2022: N = 13 10 of 13 students (77%) scored 80% or better. 3 students met the criteria for remediation. Following remediation, 11 of 13 (85%) met the criteria. 2 students did not enter into remediation (one failed course and will retake in fall 23, one graduated and will not become RD)
KRND 2.7: Describe contributing factors to health inequity in nutrition and dietetics including structural bias, social inequities, health disparities and discrimination.	NUTR 3213: Nutrition Education and Counseling	Health Inequity reflection	100% of students will score 80% or better on the health inequity reflection paper	Fall 2022: N = 13 7 of 13 students (54 %) scored 80% or better. 6 students met the criteria for remediation. Following remediation, 92% of students scored 80% or better on the health inequity reflection paper (one graduated and will not become RD)
KRDN 2.8 Participate in a nutrition and dietetics professional organization and	NUTR 4273: Medical Nutrition Therapy II	Reflection Paper on Participation Experience	100% of students will score 80% or better on the final reflection paper.	Spring 2023: N= 21 100% of students scored 80% or better on the final reflection paper.

explain the significant role of the organization				
KRDN 2.9 Defend a position on issues impacting the nutrition and dietetics profession.	NUTR 1201: Introduction to the Dietetics Profession	AND Website Assignment	100% of students will score 80% or better on the AND website assignment	Fall 2022: N = 49 46 of 49 students (94%) scored an 80% or better. Of the 3 that did not compete the assignment, all either withdrew from the U of A or changed majors. Spring 2023: N = 17 16 of 17 students scored an 80% or better.

ACEND-Required Core Knowledge	Didactic courses and/or experiential learning in which assessment will occur	List specific, required assessment method (exam, project, etc.) used to measure student achievement of core knowledge	Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	Data on achievement of learning outcomes, included date collected
KRDN 3.1 Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition related problems, determine appropriate nutrition interventions and develop plans to monitor the effectiveness of these interventions.	NUTR 4273: Medical Nutrition Therapy II	COPD Case Study	100% of students will score 80% or better on the COPD case study assignment	Spring 2023: N = 21 100% of students scored an 80% or better on the COPD Case Study
KRDN 3.2: Develop an educational session or program/educational strategy for a target population.	NUTR 3213: Nutrition Education & Counseling	Nutrition Learning Plan & Handout assignment	100% of students will score 80% or better on the Nutrition Learning Plan & Handout assignment	Fall 2022: N = 13 9 of 13 students (69 %) scored 80% or better. 4 students met the criteria for remediation. Following remediation, 92% of students scored 80% or better on the nutrition learning plan & handout assignment (one graduated and will not become RD)

KRDN 3.3: Demonstrate counseling and education methods to facilitate behavior change and enhance wellness for diverse individuals and groups.	NUTR 3213: Nutrition Education & Counseling	Evaluation of Counseling Performance assignment	100% of students will score 80% or better on the Evaluation of Counseling Performance assignment.	Fall 2022: N = 13 11 of 13 students (85 %) scored 80% or better. 2 students met the criteria for remediation. Following remediation, 92% of students scored 80% or better on the nutrition learning plan & handout assignment (one failed course and will retake in fall 23)
KRDN 3.4 Practice routine health screening assessments, including measuring blood pressure and conducting waived point-of-care laboratory testing (such as blood glucose or cholesterol).	NUTR 3303: Nutrition Assessment	The 2022 Accreditation Standards become effective June 1, 2022. Effective date of December 31, 2023 for the following: Regarding Standard 3, programs must either have KRDN 3.4 and CRDNs 3.3-3.6 implemented by June 1, 2022 or show evidence of plans for implementation such as meeting minutes where implementation is discussed. After December 31, 2023, programs must have these knowledge requirements and/or competencies fully implemented within the curriculum.	We have purchased new and received donated equipment to implement this in AY 23-24.	We did a trial run of blood pressure in NUTR 4273 in spring 23 with all students participating.
KRDN 3.5 Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health and disease.	NUTR 4273: Medical Nutrition Therapy II	IEM Case Study	100% of students will score 80% or better on the IEM Case Study	Spring 2023: N = 21 20 of 21 students (95%) scored 80% or better. One student did not complete the assignment.
KRDN 3.6 Develop nutritionally sound	NUTR 4273: Medical Nutrition Therapy II	COPD case Study	100% of students will score 80% or better on the menu	Spring 2023: N = 21

meals, menus and meal plans that promote health and disease management and meet client's/patient's needs.			development/adjustment component of the COPD case study	100% of students scored an 80% or better on the COPD Case Study
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ACEND-Required Core Knowledge	Didactic courses and/or experiential learning in which assessment will occur	List specific, required assessment method (exam, project, etc.) used to measure student achievement of core knowledge	Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	Data on achievement of learning outcomes, included date collected
KRDN 4.1: Apply management theories to the development of programs or services.	HOSP 3653: Hospitality, Dietetic Management and Human Resources	Exam	100% of all students will score an 80% or better on the exam covering management theories	Fall 2022: Unable to obtain data from instructor of record. Spring 2023: N= 20 100 % of students scored an 80% or better on the exam covering management theory.
KRDN 4.2: Evaluate a budget and interpret financial data.	HOSP 2603 – Purchasing and Cost Control	Budgeting & Interpretation Quiz	100% of all students will score an 80% or better on the budgeting and interpretation quiz.	Fall 2022: N = 31 Spring 2021: N = 26 Total: N = 57 80 % of students scored an 80% or better on the budget quiz. Of the 12 who did not meet the criteria, 4 either changed majors or left the U of A. The remaining 8 have entered remediation.
KRDN 4.3: Demonstrate an understanding of the regulation system related to	NUTR 4273: Medical Nutrition Therapy II	Billing and Coding Quiz	100% of all students will score an 80% or better on the billing and coding quiz.	Spring 2023: N = 21 92% of students scored an 80% or better on the

billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained.				billing and coding assignment. 2 students did not complete the assignment.
KRDN 4.4: Apply the principles of human resource management to different situations.	HOSP 3653: Hospitality, Dietetic Management and Human Resources	Exam	100% of all students will score an 80% or better on the exam covering management theories	Fall 2022: Unable to obtain data from instructor of record. Spring 2023: N= 20 100% of students scored an 80% or better on the exam covering management theory.
KRDN 4.5: Describe safety principles related to food, personnel and consumers.	HOSP 2611: Food Service Sanitation	ServSafe Exam	100% of all students will pass the ServSafe exam	Fall 2022: N = 18 Spring 2023: N = 12 Total: N = 30 28 of 30 students (93%) passed the ServSafe Exam (one student changed majors, one student re-took the course in next 8 weeks and successfully passed)
KRDN 4.6: Explain the processes involved in delivering quality	NUTR 3603: Quantity Foods	Exam	100% of students will score 80% or better on the exam questions targeting delivering quality food and nutrition services.	Spring 2023: N = 20 13 out of 20 students (65%) scored an 80% or

food and nutrition services.				better on the exam questions targeting delivery of quality food & nutrition services.
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ACEND-Required Core Knowledge	Didactic courses and/or experiential learning in which assessment will occur	List specific, required assessment method (exam, project, etc.) used to measure student achievement of core knowledge	Learning objectives that state specific activities and qualitative or quantitative target measures that will be used to assess overall student achievement of core knowledge	Data on achievement of learning outcomes, included date collected
KRDN 5.1 Perform self-assessment that includes awareness in terms of learning and leadership styles and cultural orientation and develop goals for self-improvement.	NUTR 4263 – Medical Nutrition Therapy I	Single self-assessment with goals	100% of students will score 80% or better on the self-assessment & reflection	Fall 2022: N = 21 100% of students scored an 80% or better on the self-assessment & reflection
KRDN 5.2 Identify and articulate one’s skills, strengths, knowledge and experiences relevant to the position desired and career goals.	NUTR 4273: Medical Nutrition Therapy II	Reflection Paper on Participation Experience	100% of students will score 80% or better on the final reflection paper.	Spring 2023: N= 21 100% of students scored 80% or better on the final reflection paper.
KRDN 5.3 Practice how to self-advocate for opportunities in a variety of settings (such as asking for needed support, presenting an elevator pitch).	NUTR 3213: Nutrition Education and Counseling	3-minute pitch and Reflection	100% of students will score 80% or better on the 3-minute pitch and reflection paper	Fall 2022: N = 13 10 of 13 students (77 %) scored 80% or better. 3 students met the criteria for remediation. Following remediation, 85% of students scored 80% or

				better on the nutrition learning plan & handout assignment (one failed course and will retake in fall 23 and one graduated and will not become RD)
KRDN 5.4 Practice resolving differences or dealing with conflict.	NUTR 3213: Nutrition Education and Counseling	Scenario with Reflection Paper	100% of students will score 80% or better on the reflection on group conflict paper	Fall 2022: N = 13 13 of 13 students (100 %) scored 80% or better
KRDN 5.5 Promote team involvement and recognize the skills of each member.	NUTR 4263 – Medical Nutrition Therapy I	Group Work with Assessment on Skills Recognition and Class Discussion	100% of students will participate in group work and discussion	Fall 2022: N = 21. 100% of students did participate in both group work and discussion
KRDN 5.6 Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.	NUTR 1201 – Introduction to Dietetics Profession	Professionalism quiz containing questions specific to precepting and mentoring	100% of students will score 85% of better on the Professionalism quiz	Fall 2022: N =49 44 of 49 students (94%) scored an 85% or better. Of the 5 that did not complete the assignment with an 85%, 4 either withdrew from the U of A or changed majors. Spring 2023: N = 17 100% scored 85% or better (100% scored 90% or better).

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University of Arkansas
RDN Core Knowledge Assessment (Required Element 4.1 and 4.2)
DPD

Core Knowledge Statement	List course and course number in which the knowledge is assessed	List specific, required assessment method(s) (exam, rubric, project, etc.) used to measure student achievement of core knowledge
Domain 1. Scientific and Evidence Base of Practice: Integration of scientific information and translation of research into practice.		
KRDN 1.1 Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.	NUTR 4273 – Medical Nutrition Therapy II	COPD Case Study
KRDN 1.2 Select and use appropriate current information technologies to locate and apply evidence-based guidelines and protocols.	NUTR 4273 – Medical Nutrition Therapy II	COPD Case Study
KRDN 1.3 Apply critical thinking skills.	NUTR 4001 – Nutrition Seminar	
Domain 2. Professional Practice Expectations: Beliefs, values, attitudes and behaviors for the nutrition and dietetics practitioner level of practice.		
KRDN 2.1 <i>Demonstrate effective and professional oral and written communication and documentation.</i>	NUTR 4001 – Nutrition Seminar	Seminar & Written Summary Assignment
KRDN 2.2 Describe the governance of nutrition and dietetics practice, such as the Scope of Practice for the Registered Dietitian Nutritionist and the Code of Ethics for the Profession of Nutrition and Dietetics.	NUTR 3202 – Nutrition Education & Counseling	Scope of Practice Quiz and Code of Ethics Quiz
KRDN 2.3 <i>Assess the impact of a public policy position on nutrition and dietetics practice.</i>	NUTR 4243 – Community Nutrition	Public Policy Quiz
KRDN 2.4 <i>Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.</i>	NUTR 3603 – Quantity Foods	Menus Case Study

Core Knowledge Statement	List course and course number in which the knowledge is assessed	List specific, required assessment method(s) (exam, rubric, project, etc.) used to measure student achievement of core knowledge
KRDN 2.5 Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates.	NUTR 1201 – Introduction to the Dietetics Profession	Interprofessional Teams Quiz
KRDN 2.6 Demonstrate cultural humility, awareness of personal biases and an understanding of cultural differences as they contribute to diversity, equity and inclusion.	NUTR 3213 – Nutrition Education and Counseling	Cross-Cultural Interview Assignment
KRDN 2.7 Describe contributing factors to health inequity in nutrition and dietetics including structural bias, social inequities, health disparities and discrimination.	NUTR 3213 – Nutrition Education and Counseling	
KRDN 2.8 Participate in a nutrition and dietetics professional organization and explain the significant role of the organization.	NUTR 4273 – Medical Nutrition Therapy II	Reflection Paper on Participation Experience
KRDN 2.9 Defend a position on issues impacting the nutrition and dietetics profession.	NUTR 1201 – Introduction to the Dietetics Profession	AND Website Assignment
Domain 3. Clinical and Client Services: Development and delivery of information, products and services to individuals, groups and populations.		
KRDN 3.1 Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition related problems, determine appropriate nutrition interventions and develop plans to monitor the effectiveness of these interventions.	NUTR 4263 – Medical Nutrition Therapy I	GERD Case Study
KRDN 3.2 <i>Develop an educational session or program/educational strategy for a target population.</i>	NUTR 3213 – Nutrition Education and Counseling	Nutrition Learning Plan Assignment
KRDN 3.3 <i>Demonstrate counseling and education methods to facilitate behavior change and enhance wellness for diverse individuals and groups.</i>	NUTR 3213 – Nutrition Education and Counseling	Evaluation of Counseling Performance

Core Knowledge Statement	List course and course number in which the knowledge is assessed	List specific, required assessment method(s) (exam, rubric, project, etc.) used to measure student achievement of core knowledge
KRDN 3.4 Practice routine health screening assessments, including measuring blood pressure and conducting waived point-of-care laboratory testing (such as blood glucose or cholesterol).	NUTR 3303 – Nutrition Assessment	Assessment and Clinical Skills Days
KRDN 3.5 Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health and disease.	NUTR 4273 – Medical Nutrition Therapy II	IEM Case Study
KRDN 3.6 Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs.	NUTR 4273 – Medical Nutrition Therapy II	COPD Case Study
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.		
KRDN 4.1 Apply management theories to the development of programs or services.	HOSP 3653 – Hospitality, Dietetic Management & Human Resources	Exam
KRDN 4.2 Evaluate a budget/financial management plan and interpret financial data.	HOSP 2603 – Purchasing and Cost Control	Budgeting & Interpretation Quiz
KRDN 4.3 Demonstrate an understanding of the regulation system related to billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained.	NUTR 4273 – Medical Nutrition Therapy II	Billing and Coding Quiz
KRDN 4.4 Apply the principles of human resource management to different situations.	HOSP 3653	Exam on Management Theories
KRDN 4.5 Apply safety and sanitation principles related to food, personnel and consumers.	HOSP 2611 – Foodservice Sanitation	ServSafe Exam
KRDN 4.6 Explain the processes involved in delivering quality food and nutrition services.	NUTR 3603 – Quantity Foods	Exam

Core Knowledge Statement	List course and course number in which the knowledge is assessed	List specific, required assessment method(s) (exam, rubric, project, etc.) used to measure student achievement of core knowledge
KRDN 4.7 Evaluate data to be used in decision-making for continuous quality improvement.	NUTR 3603 – Quantity Foods	
Domain 5. Leadership and Career Management: Skills, strengths, knowledge and experience relevant to leadership potential and professional growth for the nutrition and dietetics practitioner.		
KRDN 5.1 Perform self-assessment that includes awareness in terms of learning and leadership styles and cultural orientation and develop goals for self-improvement.	NUTR 4263 – Medical Nutrition Therapy I	Single self-assessment with goals
KRDN 5.2 Identify and articulate one’s skills, strengths, knowledge and experiences relevant to the position desired and career goals.	NUTR 4273 – Medical Nutrition Therapy II	Final Reflection Paper
KRDN 5.3 Practice how to self-advocate for opportunities in a variety of settings (such as asking for needed support, presenting an elevator pitch).	NUTR 3213 – Nutrition Education and Counseling	
KRDN 5.4 Practice resolving differences or dealing with conflict.	NUTR 3213 – Nutrition Education and Counseling	Scenario with Reflection Paper
KRDN 5.5 Promote team involvement and recognize the skills of each member.	NUTR 4263 – Medical Nutrition Therapy I	Group Work with Assessment on Skills Recognition and Class Discussion
KRDN 5.6 Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.	NUTR 1201 – Introduction to Dietetics Profession (For Fall 2022). HOSP 3653 – Hospitality, Dietetic Management &	Discussion & Reflection Paragraph on the Professional Mentoring Relationship

Core Knowledge Statement	List course and course number in which the knowledge is assessed	List specific, required assessment method(s) (exam, rubric, project, etc.) used to measure student achievement of core knowledge
	Resources (For Spring 2023)	