**Year 2**

**Student Learning Outcomes (SLOs) for Academic Programs**

Please list all of the student learning outcomes for your program as articulated in the assessment plan.

1. Scientific and evidence base of practice: integration of scientific information and translation of research into practice.

2. Professional practice expectations: beliefs, values, attitudes and behaviors for the professional dietitian nutritionist level of practice.

3. Clinical and customer services: development and delivery of information, products and services to individuals, groups, and populations.

4. Practice management and use of resources: strategic application of principles of management and systems in the provision of services to individuals and organizations.

**Overview of Measures/Instruments**

| ***SLO(s)****Note: Measures might be used for more than 1 SLO* | ***ULG\**** | ***Measures/Instruments****Please include a clear description of the instrument including when and where it is administered* | **How is the information Used?***(include target score(s), results, and report if target(s) were met/not met/partially met for each instrument)* |
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| Scientific and evidence base of practice: integration of scientific information and translation of research into practice. | CW | 1.1 **Food Science Major Lab Report:** Students in NTR 3120 complete a lab report based on variations of cupcakes prepared, evaluated by the NTR 3120 instructor. 1.2 **Nutrition in the Lifespan Infancy Case Study:** Students in NTR 3755 complete an infancy case study using the latest data, evaluated by the NTR 3755 instructor.1.3 **Advanced Nutrition Final Examination:** Students in NTR 4750 complete a comprehensive examination, evaluated by the NTR 4750 instructor.  | 1.1 100% of students will score an 80% or higher on the final major lab report (KRDN 1.1a). 62% received a score of 80% or higher on the food science major lab report. 1.2 100% of students will score an 80% or higher on the infancy case study (KRDN 1.2b). 89% received a score of 80% or higher on the infancy case study. 1.3 100% of students will score an 80% or higher on the comprehensive final examination (KRDN 1.3a). 74% received a score of 80% or higher on the comprehensive final examination.  |
| Professional practice expectations: beliefs, values, attitudes and behaviors for the professional dietitian nutritionist level of practice.  | RS | 2.1 **Nutrition Assessment and Counseling Cultural Humility Presentation:** Students in NTR 2750 complete a presentation on a culture of their choice, evaluated by the NTR 2750 instructor. 2.2 **Nutrition Assessment and Counseling Scope of Practice in Dietetics Discussion:** Students in NTR 2750 complete a discussion on the dietetics scope of practice, evaluated by the NTR 2750 instructor. 2.3 **Nutrition Therapy Public Policy Paper:** Students in NTR 4749 write a letter to a local representative regarding a current piece of legislation, evaluated by the NTR 4749 instructor. 2.4 **Community Nutrition Cultural Competency Assignment:** Students in NTR 3756 complete an assignment better understand and improve on cultural competency evaluated by the NTR 3756 instructor. 2.5 **Profession of Dietetics Professional Development Activities:** Students in NTR 3500 participate in 3 professional development activities and write a reflection on the activities, evaluated by the NTR 3500 instructor.   | 2.1 100% of students will score an 80% or higher on the Cultural Presentation (KRDN 2.1b). 77% received a score of 80% or higher on the cultural humility presentation. 2.2 100% of students will score an 80% or higher on the scope of practice in dietetics discussion (KRDN 2.2a). 100% received a score of 80% or higher on the discussion. 2.3 100% of students will score an 80% or higher on the public policy letter paper (KRDN 2.3b). 77% received a score of 80% or higher on the paper. 2.4 100% of students will score an 80% or higher on the cultural competency assignment (KRDN 2.6b). 100% received a score of 80% or higher on the assignment. 2.5 100% of students will participate in 3 professional development activities (KRDN 2.7b). 91% participated in 3 professional development activities.  |
| Clinical and customer services: development and delivery of information, products and services to individuals, groups, and populations. | S | 3.1 **Nutrition Therapy Case Studies:** Students in NTR 4749 complete 5 case studies throughout the semester evaluated by the NTR 4749 instructor.3.2 **Community Nutrition, Nutrition Education Final Plan:** Students in NTR 3756 organize and implement a nutrition education project throughout the semester evaluated by the NTR 3756 instructor. 3.3 **Community Nutrition Change Theory Assignment:** Students in NTR 3756 complete an assignment based on the Stages of Change Theory, evaluated by the NTR 3756 instructor.  | 3.1 100% of students will score an average of 80% or higher on the ADIME process of the 5 case studies (KRDN 3.1a). 68% received a score of 80% or higher on the ADIME portion of the 5 case studies. 3.2 100% of students will score an 80% or higher on the Final Nutrition Education Program Plan (KRDN 3.2a). 92% received a score of 80% or higher on the nutrition education final plan. 3.3 100% of students will score an 80% or higher on the Stages of Change assignment (KRDN 3.3a). 96% received a score of 80% or higher on the Stages of Change assignment.  |
| Practice management and use of resources: strategic application of principles of management and systems in the provision of services to individuals and organizations.  | CS | 4.1 **Nutrition Therapy Coding and Billing Worksheet:** Students in NTR 4749 complete an assignment related to billing, coding, and reimbursement, evaluated by the NTR 4749 instructor. 4.2 **Food Systems Management Interview Assignment:** Students in NTR 4940 complete an interview assignment, evaluated by the NTR 4940 instructor. 4.3 **Food Systems Management Food Safety Quiz:** Students in NTR 4940 complete a quiz on food safety, evaluated by the NTR 4940 instructor.  | 4.1 100% of students will score an 80% or higher on the coding and billing worksheet (KRDN 4.3b). 77% received a score of 80% or higher on the coding and billing worksheet. 4.2 100% of students will score an 80% or higher on the interview assignment (KRDN 4.4b). 90% received a score of 80% or higher on the interview assignment. 4.3 100% of students will have an average score or 90% on the food safety quiz (KRDN 4.5a). 79% received a score of 80% or higher on the food safety quiz.  |

*\*Please reference any University Learning Goal(s) (ULG) that this SLO, if any, may address or assess. C=Critical Thinking, W=Writing & Critical Reading; S=Speaking and Listening; Q=Quantitative reasoning; R=Responsible Citizenship; NA=Not Applicable*

**Improvements and Changes Based on Assessment**

1. Provide a short summary (1-2 paragraphs or bullets) of any curricular actions (revisions, additions, and so on) that were approved over the past four years as a result of reflecting on the student learning outcomes data. Are there any additional future changes, revisions, or interventions proposed or still pending?

The NTR program created a curriculum committee to discuss the curriculum and ways to enhance the classroom experience. The sequence of classes was updated, students are now required to take Nutrition Assessment and Counseling (NTR 2750) as a prerequisite for Nutrition in the Lifespan (NTR 3755), in order to better prepare them for case studies in upper level courses. An undergraduate research methods course was developed and will be implemented in FA2022 to help build research methods competency. Social Marketing for Nutrition (NTR 4754) was developed to provide students with a foundational understanding of methods and applications of social marketing and media in nutrition education and was implemented in SU2021. Nutrition Assessment and Counseling (NTR 2750) and Community Nutrition (NTR 3756) were revised to better streamline the curriculum. The NTR minor was updated to align with course changes and changes from required to elective and vise versa were based on student and faculty feedback.

The curriculum committee is currently reviewing all undergraduate courses in NTR. Changes have been proposed to address gaps in the program such as leadership and research components. The SLOs have also been evaluated and updated to reflect the changes in the curriculum as well as to ensure students are prepared for the rigors of graduate school and/or a dietetic internship.

2. Please provide a brief description or bulleted list of any improvements observed/measured in student learning over the past four years. Be sure to mention any intervention made that has not yet resulted in student improvement (if applicable).

The NTR program has had high faculty turnover in the past, however there has been more consistency in recent years, allowing faculty to develop mentoring relationships with students. This has also allowed for better collaboration with the faculty to make improvements within the program.

3. Using the form below, please document annual faculty and committee engagement with the assessment process (such as the review of outcomes data, revisions/updates to assessment plan, and reaffirmation of SLOs).

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| **History of Annual Review** |
| **Date of Annual Review**  | **Individuals/Groups who Reviewed Plan**  | **Results of the Review (i.e., reference proposed changes from #1 above, revised SLOs, etc..)** |
| 5/12/2018 | DPD & DI Coordinator, Interim FCS Chair | Data added. |
| 10/16/2018 | NDT Faculty & Interim Director | Updated course numbers to NTR and added NTR 3500 assessment collection tasks. Modified FCS 2750 cultural project.  |
| 1/7/2019 | DPD Coordinator | Data added. |
| 5/21/2019 | DPP Coordinator & Interim Director | Data added. Updated DPD Senior Exit Survey.  |
| 9/23/2019 | NDT Faculty & Staff | No changes made.  |
| 2/13/2020 | DPD Coordinator | Data added. Faculty discussion to add NTR 2750 as a prerequisite for NTR 3755 to improve ADIME note writing.  |
| May/June 2020 | DPD Coordinator | Data added.  |
| May/June 2021 | DPD Coordinator | Data added.  |
| September 2021 | NTR Faculty | Changes made secondary to curriculum review.  |

**Dean Review & Feedback**

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Dean or designee Date

**Academic Affairs – Review & Feedback**

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