Degree Program Assessment Plan

Degree Program - HS - Nutritional Sciences (PHD)

CIP Code: 30-1901-0002
Disciplinary Accrediting Body: None
Next Program Review: 19-20
Degree Program Coordinator: Wilna Oldewage-Theron
Degree Program Coordinator Email: wilna.oldewage@ttu.edu
Degree Program Coordinator Phone: (806) 834-0567
Degree Program Coordinator Mail Stop: 1270
Program Purpose Statement: To prepare graduates to secure professional-level nutrition-related positions in academia and industry.

Student Learning Outcome: In-Depth Knowledge

Demonstrate an in-depth understanding of the knowledge within the field.

Outcome Status: Inactive
Outcome Type: Student Learning
Start Date: 04/16/2015
End Date: 08/31/2016

Assessment Methods

<table>
<thead>
<tr>
<th>Course Level Assessment</th>
<th>Criterion</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 5365 - Vitamins and Minerals</td>
<td>85% of students will receive a grade of &quot;B&quot; (80%) or better on the project in this class. 80% of students will receive a grade of &quot;B&quot; (80%) or better on the final exam in this class.</td>
<td>When Assessing: Every Year</td>
</tr>
<tr>
<td>NS 5370 - Carbohydrates, Proteins, and Lipids (Active)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Student Learning Outcome: Current Issues

Analyze, interpret, and evaluate central and current issues relevant to the field.

Outcome Status: Inactive
Outcome Type: Student Learning
Start Date: 04/16/2015
End Date: 08/31/2016
Assessment Methods

Course Level Assessment - NS 5118 - Seminar
NS 6118 - Seminar (Active)
Criterion: 80% of students will receive a grade of "B" or better for one of the oral presentations in the course.
Schedule: When Assessing: Every Year

Course Level Assessment - NS 5330 - Intro to Nutrition Research (Active)
Criterion: 85% of students will receive a grade of "B" (80%) or better on their research proposal in the course.
Schedule: When Assessing: Every Year

Student Learning Outcome: Perform Research

Design and conduct research in the discipline.
Outcome Status: Inactive
Outcome Type: Student Learning
Start Date: 04/16/2015
End Date: 08/31/2016

Assessment Methods

Dissertation - NS 7000
NS 8000 (Active)
Criterion: This learning outcome is assessed based upon successful defense of doctoral dissertation.
Schedule: When Assessing: Every Year

Course Level Assessment - NS 5330 - Introduction to Nutrition Research (Active)
Criterion: 85% of students will receive a grade of "B" (80%) or better on their research proposal in this course.
Schedule: When Assessing: Every Year

Student Learning Outcome: Communication Competence

Communicate discipline specific information in written and oral form.
Outcome Status: Inactive
Outcome Type: Student Learning
Start Date: 04/16/2015
End Date: 08/31/2016

Assessment Methods

Dissertation - NS 7000
NS 8000 (Active)
Criterion: Students will successfully defend their doctoral dissertation with an oral presentation and written dissertation document.
Schedule: When Assessing: Every Year

Course Level Assessment - NS 5118
NS 6118 (Active)
**Degree Program - HS - Nutritional Sciences (PHD)**

**Criterion:** 80% of students will receive a grade of "B" or better on one oral presentation in the course.

**Schedule:** When Assessing: Every Year

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**Student Learning Outcome: In-depth Knowledge_old**

Demonstrate an in-depth understanding of the knowledge within the field.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

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**Student Learning Outcome: Central and Current Issues_old**

Analyze, interpret, and evaluate central and current issues relevant to the field.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

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**Assessment Methods**

<table>
<thead>
<tr>
<th>Course Level Assessment</th>
<th>NS 5118 (Active)</th>
</tr>
</thead>
</table>

**Criterion:** Written Report and Oral Presentation

**Schedule:** Courses are assessed as offered.

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**Student Learning Outcome: Problem Solving_old**

Use knowledge gained in the discipline to solve practical problems.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

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**Assessment Methods**

<table>
<thead>
<tr>
<th>Capstone Assignment/Project</th>
<th>NS 5360 (Active)</th>
</tr>
</thead>
</table>

**Criterion:** Students complete a semester long project in which they assess the nutrition needs of a target population and plan a program to address those needs.

**Schedule:** Course is assessed as offered.

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**Student Learning Outcome: Communication Competence_old**

Communicate discipline specific information in written and oral form.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014
## Assessment Methods

<table>
<thead>
<tr>
<th>Course Level Assessment - NS 5118 (Active)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criterion: Written and Oral Report</td>
</tr>
<tr>
<td>Schedule: Courses are assessed as offered.</td>
</tr>
</tbody>
</table>

## Student Learning Outcome: Perform Research_old

Design and conduct research in the discipline.

- **Outcome Status:** Inactive
- **Outcome Type:** Student Learning
- **Start Date:** 07/01/2006
- **End Date:** 08/31/2014

### Assessment Methods

- Dissertation - NS 7000
  - NS 8000 (Active)
  - Criterion: This learning outcome is assessed based upon successful defense of doctoral dissertation.
  - Schedule: Assessed as students defend their dissertation.

## Student Learning Outcome: In Depth Knowledge

Students will demonstrate comprehensive knowledge within the field, such as the role of nutrition in health and chronic & acute illnesses

- **Outcome Status:** Active
- **Outcome Type:** Student Learning
- **Start Date:** 09/01/2016

### Assessment Methods

- Qualifying Exam - Qualifying Exam (Active)
  - Criterion: Direct assessment. 90% of students will meet or exceed expectations on their qualifying exams.
  - Schedule: Annually

- Dissertation - Successful completion and presentation of their research (Active)
  - Criterion: Direct Assessment: 90% of students will successfully present their oral and written dissertation defense, based on input from committee
  - Schedule: Annually

## Student Learning Outcome: Ability to Perform Research

Student will be able to design and conduct research effective research in the field of nutrition

- **Outcome Status:** Active
- **Outcome Type:** Student Learning
- **Start Date:** 09/01/2016
**Degree Program - HS - Nutritional Sciences (PHD)**

**Assessment Methods**

<table>
<thead>
<tr>
<th><strong>Dissertation - Successful Proposal Completion (Active)</strong></th>
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<tbody>
<tr>
<td><strong>Criterion:</strong> Direct Assessment: The proposal serves as formative assessment for the program. Students’ performance on their proposal allow us to assess their learning strengths and weaknesses. Individual feedback to enhance students' learning and success in the program is provided at this point. 90% of students will successfully complete their research proposal, based on input from committee.</td>
</tr>
<tr>
<td><strong>Schedule:</strong> Annually</td>
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<table>
<thead>
<tr>
<th><strong>Course Level Assessment - NS 5330-Introduction to Research course Project (Active)</strong></th>
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<tr>
<td><strong>Criterion:</strong> Direct Assessment/Embedded Assessment: NS 5330-Introduction to Nutrition Research. Performance on their proposal allow us to assess their learning strengths and weaknesses. Individual feedback to enhance students' learning and success in the program is provided at this point. 90% of students will successfully complete the proposal with a grade of &quot;B&quot; (defined as an 80%) or better.</td>
</tr>
<tr>
<td><strong>Schedule:</strong> Annually</td>
</tr>
<tr>
<td><strong>Related Documents:</strong></td>
</tr>
<tr>
<td>NS 5330-Intro to Research Rubric.xlsx</td>
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<tr>
<th><strong>Capstone Assignment/Project - This learning outcome is assessed based upon successful defense of doctoral dissertation and successful completion of all required coursework (Active)</strong></th>
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<tr>
<td><strong>Criterion:</strong> Indirect assessment: Program Completion Rate of 90%</td>
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<td><strong>Schedule:</strong> Annually</td>
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<th><strong>Dissertation - Successful completion and presentation of their research (Active)</strong></th>
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<td><strong>Criterion:</strong> Direct Assessment: 90% of students will successfully present their oral and written dissertation defense, based on input from their committee.</td>
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<td><strong>Schedule:</strong> Annually</td>
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**Student Learning Outcome: Communication Competency**

Student will be able to effectively communicate nutrition information in written and oral form

| **Outcome Status:** Active  |
| **Outcome Type:** Student Learning |
| **Start Date:** 09/01/2016 |

**Assessment Methods**

<table>
<thead>
<tr>
<th><strong>Professional Development Activities - Authorship of a publication, presentation or other scholarly work (Active)</strong></th>
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<tbody>
<tr>
<td><strong>Criterion:</strong> Direct assessment: 80% of doctoral students will have at least one accepted peer reviewed scholarly presentations in the form of posters, publications, etc.</td>
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<td><strong>Schedule:</strong> Annually</td>
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