

Date Submitted: 11/02/20 6:53 pm

Viewing: **HNADBS : Human Nutrition and Dietetics, Bachelor of Science in Human Environmental Science**

Last approved: 05/27/20 7:39 pm

Last edit: 12/03/20 2:09 pm

Changes proposed by: kway

Catalog Pages Using
this Program

[Human Nutrition and Dietetics B.S.H.E.S.](#)

[Human Nutrition and Dietetics \(HNAD\)](#)

Submitter: User ID: **kway Hkuleza** Phone:

576-4985 7456

Program Status Active

Academic Level Undergraduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year Fall 2021

College/School Code

In Workflow

1. **AFLS Dean Initial**
2. **Director of Program Assessment and Review**
3. **Registrar Initial**
4. **Institutional Research**
5. **HESC Chair**
6. **HESC Curriculum Committee**
7. **AFLS Faculty**
8. **ARSC Dean**
9. **AFLS Dean**
10. **Global Campus**
11. **Provost Review**
12. **University Course and Program Committee**
13. **Faculty Senate**
14. **Provost Final**
15. **Provost's Office-- Notification of Approval**
16. **Registrar Final**
17. **Catalog Editor Final**

Approval Path

1. 10/12/20 1:23 pm
Lona Robertson (ljrobert): Rollback to Initiator
2. 10/27/20 1:10 pm
Lona Robertson (ljrobert): Approved for AFLS Dean Initial

Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

Department Code

Department of Human Environmental Sciences (HESC)

Program Code

HNADBS

Degree

Bachelor of Science in Human Environmental Science

CIP Code

3. 10/30/20 1:53 pm
Alice Griffin
(agriffin): Rollback
to Initiator
4. 11/02/20 7:41 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
5. 11/02/20 2:10 pm
Alice Griffin
(agriffin): Rollback
to Initiator
6. 11/03/20 9:08 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
7. 11/03/20 9:24 am
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
8. 11/05/20 1:06 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
9. 11/05/20 1:15 pm
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research
10. 11/20/20 1:37 pm
Donna Graham
(dgraham):
Approved for HESC
Chair
11. 11/20/20 1:38 pm
Laurie Apple

- (lapple): Approved for HESC Curriculum Committee
12. 11/20/20 3:46 pm
Kate Shoulders
(cshoulde): Approved for AFLS Faculty
13. 11/20/20 4:35 pm
Jeannie Hulen
(jhulen): Approved for ARSC Dean
14. 11/21/20 12:43 pm
Lona Robertson
(ljrobert): Approved for AFLS Dean
15. 11/23/20 8:19 am
Suzanne Kenner
(skenner): Approved for Global Campus
16. 12/03/20 7:53 am
Terry Martin
(tmartin): Approved for Provost Review
17. 12/19/20 7:24 am
Alice Griffin
(agriffin): Approved for University Course and Program Committee

History

1. Aug 22, 2014 by
Leepfrog
Administrator
(clhelp)
2. Aug 22, 2014 by
Leepfrog
Administrator
(clhelp)

- 3. Mar 5, 2015 by Charlie Alison (calison)
- 4. Mar 5, 2015 by Charlie Alison (calison)
- 5. Mar 12, 2015 by Charlie Alison (calison)
- 6. May 11, 2018 by Nancy Simkins (nsimkin)
- 7. Jul 30, 2018 by Lisa Kulczak (lkulcza)
- 8. Dec 20, 2019 by Charlie Alison (calison)
- 9. Mar 24, 2020 by Charlie Alison (calison)
- 10. May 27, 2020 by Lisa Kulczak (lkulcza)

51.3101 - Dietetics/Dietitian.

Program Title

Human Nutrition and Dietetics, Bachelor of Science in Human Environmental Science

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes ~~No~~

College(s)/School(s)

College/School Name
Fulbright College of Arts and Sciences (ARSC)

What are the total hours needed to 120

complete the
program?

Program Requirements and Description

Requirements

State minimum core and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

University Requirements		1
<u>UNIV 1001</u>	University Perspectives	
Communications		12
<u>ENGL 1013</u>	Composition I (ACTS Equivalency = ENGL 1013) (unless exempt)	
<u>ENGL 1023</u>	Composition II (ACTS Equivalency = ENGL 1023) (unless exempt)	
<u>COMM 1313</u>	Public Speaking (ACTS Equivalency = SPCH 1003)	
Select one of the following:		
<u>ENGL 3053</u>	Technical and Professional Writing (ACTS Equivalency = ENGL 2023)	
or <u>ACOM 3143</u>	Communicating Agriculture to the Public	
U.S. History and Government		3
Choose from U.S. History and Government Core Course		
Mathematics		6
<u>MATH 1203</u>	College Algebra (ACTS Equivalency = MATH 1103) (or higher)	
<u>STAT 2303</u>	Principles of Statistics (ACTS Equivalency = MATH 2103)	
Sciences		27-31
<u>BIOL 1543</u>	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)	
<u>& BIOL 1541L</u>	and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	
Select 4-8 hours:		
<u>CHEM 1073</u>	Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture)	
<u>& CHEM 1071L</u>	and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)	
Or		
<u>CHEM 1103</u>	University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture)	
<u>& CHEM 1101L</u>	and University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	
<u>& CHEM 1123</u>	and University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture)	
<u>& CHEM 1121L</u>	and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	
Take Additional Science Courses Below:		
<u>BIOL 2013</u>	General Microbiology (ACTS Equivalency = BIOL 2004 Lecture)	
<u>& BIOL 2011L</u>	and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)	
<u>BIOL 2213</u>	Human Physiology (ACTS Equivalency = BIOL 2414 Lecture)	
<u>& BIOL 2211L</u>	and Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab)	

<u>BIOL 2443</u>	Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture)	
& <u>BIOL 2441L</u>	and Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab)	
<u>CHEM 2613</u>	Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture)	
& <u>CHEM 2611L</u>	and Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab)	
<u>CHEM 3813</u>	Elements of Biochemistry	
Fine Arts and Humanities		6
Fine Arts and Humanities Core Courses (select 3 hours from each)		
Social Sciences		9
<u>PSYC 2003</u>	General Psychology (ACTS Equivalency = PSYC 1103)	
<u>HDFS 2413</u>	Family Relations	
or <u>HDFS 1403</u>	Life Span Development	
Select 3 hours from Social Science state minimum core list		
NUTR Requirements:		47
<u>NUTR 1201</u>	Introduction to the Dietetic Profession	
<u>NUTR 1213</u>	Fundamentals of Nutrition	
<u>NUTR 2113</u>	Principles of Foods	
& <u>NUTR 2111L</u>	and Principles of Foods Laboratory	
<u>HOSP 2603</u>	Purchasing and Cost Control	
<u>HOSP 2611</u>	Foodservice Sanitation	
<u>NUTR 3203</u>	Human Nutrition	
<u>NUTR 3003</u>	Nutrition Assessment	
<u>NUTR 3213</u>	Nutrition Education and Counseling	
<u>NUTR 3603</u>	Quantity Foods	
<u>HOSP 3653</u>	Hospitality, Dietetic Management and Human Resources	
<u>NUTR 4001</u>	Nutrition Seminar	
<u>NUTR 4103</u>	Research Methods in Nutrition	
& <u>NUTR 4101L</u>	and Research Methods in Nutrition Lab	
<u>NUTR 4213</u>	Advanced Nutrition	
<u>NUTR 4223</u>	Life Cycle Nutrition	
<u>NUTR 4243</u>	Community Nutrition	
<u>NUTR 4263</u>	Medical Nutrition Therapy I	
<u>NUTR 4273</u>	Medical Nutrition Therapy II	
General Electives		5-9
Total Hours • All NUTR students must earn a grade of "C" or higher in all NUTR & Science required core courses		120

8-Semester Plan

Human Nutrition and Dietetics B.S.H.E.S.

Eight-Semester Degree Program

Students wishing to follow the degree plan in Human Nutrition and Dietetics should see the [Eight-Semester Degree Policy](#) for university requirements of the program.

First Year	Units FallSpring
Satisfies General Education Outcome 3.4:	
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture)	4
& CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) or CHEM 1073 and CHEM 1071L	
NUTR 1213 Fundamentals of Nutrition	3
HOSP 2611 Foodservice Sanitation	1
UNIV 1001 University Perspectives	1
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (OR Higher Level Math) (Satisfies General Education Outcome 2.1)	3
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3
NUTR 1201 Introduction to the Dietetic Profession	1
Satisfies General Education Outcome 3.4:	
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture)	4
& CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	
Fine Arts Core Elective	- 3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (unless exempt) (Satisfies General Education Outcome 1.1)	3
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1)	3
Humanities Core Elective	- 3
Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.2)1	3
Fine Arts State Minimum Core Elective (Satisfies General Education Outcome 3.1) 2	3
Year Total:	16 16
Second Year	Units FallSpring
NUTR 2113 Principles of Foods	4
& NUTR 2111L Principles of Foods Laboratory	
BIOL 2213 Human Physiology (ACTS Equivalency = BIOL 2414 Lecture)	4
& BIOL 2211L Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab) or BIOL 2443 and BIOL 2441L	
BIOL 2443 Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture)	- -
& BIOL 2441L Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab)	
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education	3

Outcome 3.3)

U.S. History or Government Core Elective	3 -
<u>HOSP 2603</u> Purchasing and Cost Control	3
Choose 4 Hours from the following:	4 -
ENGL 3053 Technical and Professional Writing (ACTS Equivalency = ENGL 2023)	- 3
or ACOM 3143 Communicating Agriculture to the Public	
<u>CHEM 2613</u> Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture)	4
& <u>CHEM 2611L</u> Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab)	
<u>BIOL 2213</u> Human Physiology (ACTS Equivalency = BIOL 2414 Lecture)	4
& <u>BIOL 2211L</u> Human Physiology Laboratory (ACTS Equivalency = BIOL 2414 Lab)	
or <u>BIOL 2443</u> and <u>BIOL 2441L</u>	
BIOL 2443 Human Anatomy (ACTS Equivalency = BIOL 2404 Lecture)	- -
& BIOL 2441L Human Anatomy Laboratory (ACTS Equivalency = BIOL 2404 Lab)	
Satisfies General Education Outcomes 3.3, 4.1, and 4.2:	
<u>HDFS 2413</u> Family Relations	3
or <u>HDFS 1403</u> Life Span Development	
NUTR 3203 Human Nutrition	- 3
Choose 4 Hours from the following:	- 4
Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3)3	
Year Total:	14 11

Third Year

Units

FallSpring

<u>NUTR 3213</u> Nutrition Education and Counseling	3
<u>CHEM 3813</u> Elements of Biochemistry	3
<u>Social Science State Minimum Core (Satisfies General Education Outcome 3.3)</u>	3
<u>BIOL 1543</u> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)	4
& <u>BIOL 1541L</u> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	
<u>HOSP 3653</u> Hospitality, Dietetic Management and Human Resources	3
Social Science Core	3 -
<u>NUTR 3203</u> Human Nutrition	3
<u>BIOL 2013</u> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture)	4
& <u>BIOL 2011L</u> General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)	
<u>NUTR 3003</u> Nutrition Assessment (General Electives)	3
<u>STAT 2303</u> Principles of Statistics (ACTS Equivalency = MATH 2103)	3
<u>NUTR 3603</u> Quantity Foods	3
General Electives	3
Year Total:	19 16

Fourth Year

Units

FallSpring

NUTR 4213 Advanced Nutrition	3
NUTR 4223 Life Cycle Nutrition	3
NUTR 4263 Medical Nutrition Therapy I	3
General Electives	2
US History or Government State Minimum Core Elective	3
NUTR 4273 Medical Nutrition Therapy II	3
General Electives	- 3
NUTR 4243 Community Nutrition	3
NUTR 4103 Research Methods in Nutrition	4
& NUTR 4101L Research Methods in Nutrition Lab	
NUTR 4001 Nutrition Seminar (Satisfies General Education Outcome 6.1)	1
ENGL 3053 Technical and Professional Writing (ACTS Equivalency = ENGL 2023)	3
or ACOM 3143 Communicating Agriculture to the Public	
Year Total:	14 14

Total Units in Sequence: 120

1The Humanities Elective courses which satisfy General Education Outcome 3.2 include: [AAST 2023](#), [ANTH 1033](#), [ARCH 1013](#), [CLST 1003](#), [CLST 1003H](#), [CLST 1013](#), [COMM 1233](#), [DANC 1003](#), [ENGL 1213](#), [GNST 2003](#), [HIST 1113](#), [HIST 1113H](#), [HIST 1123](#), [HIST 1123H](#), [HIST 2003](#), [HIST 2013](#), [HUMN 1124H](#), [HUMN 2213](#), [LALS 2013](#), [MRST 2013](#), [MUSY 2003](#), [MUSY 2003H](#), [PHIL 2003](#), [PHIL 2003C](#), [PHIL 2003H](#), [PHIL 2103](#), [PHIL 2103C](#), [PHIL 2303](#), [THTR 1003](#), [THTR 1013](#), [THTR 1013H](#), [WLIT 1113](#), [WLIT 1123](#), or intermediate-level world language (usually 2003-level).

2The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: [ARCH 1003](#), [ARHS 1003](#), [COMM 1003](#), [DANC 1003](#), [LARC 1003](#), [MLIT 1003](#), [MLIT 1003H](#), [MLIT 1013](#), [MLIT 1013H](#), [MLIT 1333](#), [THTR 1003](#), [THTR 1013](#), or [THTR 1013H](#).

3The Social Sciences Elective courses which satisfy the General Education Outcome 3.3 include: [AGEC 1103](#), [AGEC 2103](#), [ANTH 1023](#), [COMM 1023](#), [ECON 2013](#), [ECON 2023](#), [ECON 2143](#), [EDST 2003](#), [HDFS 1403](#), [HDFS 2413](#), [HDFS 2603](#), [HIST 1113](#), [HIST 1113H](#), [HIST 1123](#), [HIST 1123H](#), [HIST 2003](#), [HIST 2013](#), [HIST 2093](#), [HUMN 1114H](#), [HUMN 2114H](#), [INST 2013](#), [INST 2813](#), [INST 2813H](#), [PLSC 2003](#), [PLSC 2013](#), [PLSC 2203](#), [PLSC 2813](#), [PLSC 2813H](#), [PSYC 2003](#), [RESM 2853](#), [SOC 2013](#), [SOC 2013H](#), or [SOC 2033](#).

Are Similar Programs available in the area?

No

Estimated Student Demand for Program NA

Scheduled Program 2019-2020

Review Date

Program Goals and Objectives

Program Goals and Objectives

Domain 1: Scientific and Evidence Base of Practice: integration of scientific information and research into practice

Domain 2: Professional Practice Expectations: beliefs, values, attitudes and behaviors for the professional dietitian level of practice

Domain 3: Clinical and Customer Services: development and delivery of information, products and services to individuals, groups and populations

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 ~~NA~~

Learning Outcomes

Learning Outcomes

KRDN 1.1: Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.

KRDN 1.2: Use current information technologies to locate and apply evidence-based guidelines and protocols.

KRDN 1.3: Apply critical thinking skills.

KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.

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 describe interprofessional relationships in various practice settings.

KRDN 2.3: Assess the impact of a public policy position on nutrition and dietetics practice.

KRDN 2.4: Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.

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.

KRDN 2.6: Demonstrate an understanding of cultural competence/sensitivity.

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.

KRDN 2.8: Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.

KRDN 3.1: Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions.

KRDN 3.2: Develop an educational session or program/educational strategy for a target population.

KRDN 3.3: Demonstrate counseling and education methods to facilitate behavior change for and enhance wellness for diverse individuals and groups.

KRDN 3.4: Explain the processes involved in delivering quantity food and nutrition services.

Learning Outcomes

KRDN 3.5: Describe basic concepts of nutritional genomics.

KRDN 4.1: Apply management theories to the development of programs or services.

KRDN 4.2: Evaluate a budget and interpret financial data.

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.

KRDN 4.4: Apply the principles of human resource management to different situations.

KRDN 4.5: Describe safety principles related to food, personnel and consumers.

KRDN 4.6: Analyze data for assessment and evaluate data to be used in decision-making for continuous quality improvement.

NA

Description and justification of the request

Description of specific change

Justification for this change

Description of specific change	Justification for this change
<p>Addition of: All NUTR students must earn a grade of "C" or higher in all NUTR required core courses to the plan of study</p> <p>Addition of: All NUTR students must earn a grade of "C" or higher in all required sciences courses to the plan of study</p> <p>Addition of BIOL 1543/1541L: Add Principles of Biology to Plan of Study: add 4 hours to science</p> <p>Delete 4 hours from general electives</p>	<p>Addition of adding "C" or higher to NUTR Core courses and Science courses ensures that students have a better understanding of the knowledge needed to be successful in the NUTR program.</p> <p>Previously the BIOL dept would waive the prerequisite of BIOL 1543/1541L for BIOL 2013 Microbiology; however that is no longer the situation.</p>
<p>Revised formatting of the eight semester degree plan.</p> <p>Inserted the General Education language.</p> <p>Also added footnotes and hyper-linked courses for access to course details. AG</p>	<p>To provide consistency with the General Education curriculum language.</p> <p>Footnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college. AG</p>

Upload attachments

[21-22-hnadbs.docx](#)

[20-21-hnadbs-8sdcp.docx](#)

Reviewer Comments

Lona Robertson (ljobert) (10/12/20 1:23 pm): Rollback: Need to add justification for a grade of "C" or better in NUTR and core science courses

Alice Griffin (agriffin) (10/30/20 1:53 pm): Rollback: Returning to submitter, per Dr. Way's request.

Alice Griffin (agriffin) (11/02/20 1:45 pm): Inserted program goals and student learning outcomes. College is encouraged to review and make appropriate changes.

Alice Griffin (agriffin) (11/02/20 1:47 pm): Changed effective date from spring 2021 to fall 2021. Program changes can only become effective with the publication of the new catalog year.

Alice Griffin (agriffin) (11/02/20 2:10 pm): Rollback: Because of the addition of BIOL 1543/1541L to the program requirements, please change the response to the question "Does this program impact any courses from another College/School?" This action will place ARSC into the approval workflow. Only the submitter may influence workflow. Thank you.

Alice Griffin (agriffin) (11/03/20 9:23 am): ATTENTION: This request will require campus approval as the change includes the addition of a course from another college.

Alice Griffin (agriffin) (12/03/20 2:09 pm): Added Social Sciences footnotes to assist students in selecting courses that satisfy learning outcome 3.3.