

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **25-Feb-20** Curriculum Bulletin _____
 Effective Date **Fall 2020** Approved by EPC _____

Department **Health Sciences**
 College **EH - Education, Health and Human Services**
 Degree **BS - Bachelor of Science MS - Master of Science**
 Program Name **Nutrition** Program Banner Code **NUTR**
 Concentration(s) _____ Concentration(s) Banner Code(s) _____
 Proposal **Revise program**

Description of proposal:

The purpose of this proposal is to establish a combined bachelor's/master's degree program in Nutrition. The total number of hours required for the B. S. Nutrition major is 120 credits and the M.S. Nutrition major requires 32 credit hours (152). With the combined degree program, 9 hours of graduate coursework will be shared between degree programs, resulting in 143 total unique credit hours.

Does proposed revision change program's total credit hours? Yes No
 Current total credit hours: **152** Proposed total credit hours **143**

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):
There is no expected impact.

Units consulted (other departments, programs or campuses affected by this proposal):
None - this change only impacts Nutrition.

REQUIRED ENDORSEMENTS

<i>Allen Buchra</i>	<u>2 / 25 / 2020</u>
Department Chair / School Director	_____
Campus Dean (for Regional Campuses proposals)	_____
<i>S. Mitchell</i>	<u>3 / 16 / 20</u>
College Dean (or designee)	_____
Dean of Graduate Studies (for graduate proposals)	_____
Provost (or designee)	_____



Department of
Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

Combined Bachelor's/Master's Degree Program Request Form

Date of submission: 02/05/20

Name of institution: Kent State University

Primary institutional contact for the request

Name: Therese E. Tillett
Title: Associate Vice President, Curriculum Planning and Administration
Office of the Provost
Phone: 330-672-8558
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Name of bachelor's degree program: Bachelor of Science in Nutrition

Name of master's degree program: Master of Science in Nutrition

Proposed implementation date: Fall 2020

- 1. Identify the total number of credit hours in the undergraduate and master's programs combined.**

The total number of hours required for the Bachelor of Science degree in Nutrition is 120 credits and the Master of Science degree in Nutrition requires 32 credit hours (152). With the combined degree program, 9 credit hours of graduate coursework will be shared between degree programs, resulting in 143 total unique credit hours.

- 2. Describe how the university will ensure that students meet the expected baccalaureate program outcomes before the bachelor's degree is awarded.**

Students will apply for graduation clearance via FlashLine and undergo a GPS degree audit to ensure satisfactory completion of required credits toward the B.S. in Exercise Science.

- 3. Describe how students are informed of this combined degree program. Include in the answer how students are advised regarding opportunities and challenges associated with the option.**

Students will be informed on the College website and other media, including open houses and other events. Students will also be advised during undergraduate advising sessions by the graduate/undergraduate nutrition faculty.

4. Describe the options available for students who wish to leave the program with a bachelor's degree before finishing the graduate-level work.

As an accredited undergraduate degree by ACEND, students will have the ability to take the diet tech registered exam or apply to dietetic internship programs once they have completed all B.S. requirements. Students who wish to leave the program without finishing the requisite graduate-level work will still earn their B.S. in Nutrition.

5. Describe how the institution ensures that students will pay undergraduate tuition throughout the completion of the undergraduate degree.

Per Kent State policy, students in a combined bachelor's/master's degree program are classified as undergraduate until the bachelor's degree is awarded. Kent State's tuition rate is assigned to the student's level, and not at the course level. Therefore, undergraduate students taking graduate courses will be charged the undergraduate tuition rate.

Attach to this document a listing of the graduate courses in the master's degree program that will apply toward the bachelor's degree program and explain the requirements they will satisfy in the bachelor's degree.

Students in the combined program will take NUTR 53514 *Medical Nutrition Therapy II*, NUTR 53515 *Community Nutrition*, and NUTR 53518 *Lifecycle Nutrition* which will address all the learning outcomes and requirements for the Accreditation Council for Education in Nutrition and Dietetics (ACEND), also addressed in slashed-equivalent undergraduate courses: NUTR 43514 *Medical Nutrition Therapy II*, NUTR 43515 *Community Nutrition*, and NUTR 43518 *Lifecycle Nutrition*. The three courses (NUTR 53514, NUTR 53515, and NUTR 51518) will be applied to the master's degree as elective credit hours.

The list of courses are as follows:

- NUTR 53514 *Medical Nutrition Therapy II* will be considered equivalent to NUTR 43514
- NUTR 53515 *Community Nutrition* will be considered equivalent to NUTR 43515
- NUTR 53518 *Lifecycle Nutrition* will be considered equivalent to NUTR 43518

Kent State University agrees to monitor the success of the program and will submit an annual report to Ohio Department of Higher Education on the scope of the program and student success.

Kent State University verifies that the information in this request is truthful and accurate.

Respectfully,

Signed after the request goes to EPC

Melody J. Tankersley, Ph.D.
Senior Vice President for Academic Affairs and Provost (Interim)
Kent State University

NUTRITION - B.S.

College of Education Health and Human Services

School of Health Sciences

100 Nixson Hall

Kent Campus

330-672-2197

www.kent.edu/ehhs/hs

Description

The Bachelor of Science degree in Nutrition provides students with a broad general education and a strong foundation in nutrition, dietetics and the sciences. The emphasis is integrating theory, research and application of knowledge to the profession of dietetics. The curriculum meets the didactic program in dietetics requirements of the Academy of Nutrition and Dietetics, and graduates are eligible for admission to accredited internships. The faculty has expertise in nutritional sciences, exercise science, clinical and community practice and leadership studies.

Fully Offered At:

- Kent Campus

Accreditation

Accreditation Council for Education in Nutrition and Dietetics (ACEND)

Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

Freshman Students on the Kent Campus: The freshman admission policy on the Kent Campus is selective. Admission decisions are based upon the following: cumulative grade point average, ACT and/or SAT scores, strength of high school college preparatory curriculum and grade trends. The Admissions Office at the Kent Campus may defer the admission of students who do not meet admissions criteria but who demonstrate areas of promise for successful college study. Deferred applicants may begin their college coursework at one of seven regional campuses of Kent State University. For more information on admissions, including additional requirements for some academic programs, visit the admissions website for new freshmen.

Freshman Students on the Regional Campuses: Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE score, or by completing the ESL level 112 Intensive Program. For more information on international admission, visit the Office of Global Education's admission website.

Transfer, Transitioning and Former Students: For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

Current Kent State and Transfer Students: Active Kent State students who wish to change their major must have attempted a minimum 12 credit hours at Kent State and earned a minimum 2.000 overall Kent State GPA to be admitted. Students who have not attempted 12 credit hours at Kent State will be evaluated for admission based on their high school GPA for new students or transfer GPA for transfer students. Transfer students who have not attempted 12 credit hours of college-level coursework at Kent State and/or other institutions will be evaluated based on both their high school GPA and college GPA.

Program Learning Outcomes

Graduates of the program will be able to:

1. Apply knowledge and skills necessary to plan and evaluate menus and diets of individuals/groups to promote nutritional health and well-being.
2. Demonstrate the ability to use oral and written communication skills effectively in the practice of nutrition and dietetics.
3. Demonstrate the ability to interpret current research and utilize critical thinking skills in the practice of nutrition and dietetics.
4. Apply acquired knowledge and skills to enroll in a supervised practice program, advanced/professional study or employment.

University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Destination Kent State: First Year Experience	1
Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission.	
Diversity Domestic/Global (DIVD/DIVG)	2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.	
Experiential Learning Requirement (ELR)	varies
Students must successfully complete one course or approved experience.	
Kent Core (see table below)	36-37
Writing-Intensive Course (WIC)	1 course
Students must earn a minimum C grade in the course.	
Upper-Division Requirement	39 (or 42)
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate. Students in a B.A. and/or B.S. degree in the College of Arts and Sciences must complete 42 upper-division credit hours.	
Total Credit Hour Requirement	120
Some bachelor's degrees require students to complete more than 120 credit hours.	

Kent Core Requirements

Kent Core Composition (KCOMP)	6
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)	9
Kent Core Social Sciences (KSS) (must be from two disciplines)	6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)	6-7
Kent Core Additional (KADL)	6
Total Credit Hours:	36-37

Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements (courses count in major GPA)		
BSCI 20021	BASIC MICROBIOLOGY	3
BSCI 30130	HUMAN PHYSIOLOGY	3
CHEM 20481	BASIC ORGANIC CHEMISTRY I	4
CHEM 30284	INTRODUCTORY BIOLOGICAL CHEMISTRY	4
HM/NUTR 23012	INTRODUCTORY FOOD SCIENCE	3
HM/NUTR 23510	QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY	3
HM/NUTR 43030	FOOD SERVICE SYSTEMS MANAGEMENT	3
MGMT 24163	PRINCIPLES OF MANAGEMENT	3
NUTR 23112	INTRODUCTION TO THE PROFESSION: NUTRITION AND DIETETICS	1
NUTR 23511	SCIENCE OF HUMAN NUTRITION (KBS)	3
NUTR 33512	INTERMEDIATE NUTRITION SCIENCE	3
NUTR 33522	INTRODUCTION TO NUTRITION ASSESSMENT	3
NUTR 33532	BUSINESS AND MANAGEMENT OF NUTRITION SERVICES	3
NUTR 35319	NUTRITION, HEALTH AND SOCIETY	3
NUTR 43013	RESEARCH AND STATISTICAL METHODS IN NUTRITION AND DIETETICS (WIC) ²	3
NUTR 43016	WORLD FOOD CUSTOMS AND NUTRITION	3
NUTR 43511	MEDICAL NUTRITION THERAPY I	3
NUTR 43512	MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY	3
NUTR 43513	MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY	3
NUTR 43514	MEDICAL NUTRITION THERAPY II	3
NUTR 43515	COMMUNITY NUTRITION (ELR)	3
NUTR 43518	LIFECYCLE NUTRITION	3
NUTR 43522	INTEGRATIVE AND FUNCTIONAL NUTRITION	2
NUTR 43523	NUTRITION AND DIETETICS:PROFESSIONAL PRACTICE	1
Additional Requirements (courses do not count in major GPA)		
BSCI 20019	BIOLOGICAL STRUCTURE AND FUNCTION	4
CHEM 10060	GENERAL CHEMISTRY I (KBS)	4
CHEM 10061	GENERAL CHEMISTRY II (KBS)	4
MATH 11009	MODELING ALGEBRA (KMCR)	4
PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
SOC 12050	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	3
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
Kent Core Composition		6

Kent Core Basic Science Laboratory ³	1
Kent Core Humanities and Fine Arts (minimum one course from each)	9
Kent Core Additional	3
General Electives (total credit hours depends on earning 120 credit hours, including 39 upper-division credit hours)	9
Minimum Total Credit Hours:	120

- ¹ Equivalent to BMRT 11009
- ² A minimum C grade must be earned to fulfill the writing-intensive requirement.
- ³ It is recommended that students take CHEM 10062 as the Kent Core Basic Sciences laboratory.

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.250	2.000

NUTRITION - M.S.

College of Education Health and Human Services

School of Health Sciences

100 Nixson Hall

Kent Campus

330-672-2197

www.kent.edu/ehhs/hs

Description

The Master of Science degree in Nutrition emphasizes a strong nutritional sciences foundation through coursework and opportunities to participate in interdisciplinary research in community settings. Graduates obtain positions as nutrition-exercise specialists; cooperative extension nutrition specialists; higher education instructors; research associates; and as nutritionists in health care and community agencies such as Head Start and Women, Infants and Children (WIC).

The Nutrition major includes the following optional concentration:

- The **Dietetic Internship** concentration provide students with the resources and experiences needed to develop the skills necessary to become competent Registered Dietitian Nutritionists (RDN). Emphasis is placed on intellectual, technological, and professional development while fostering ethical and humanitarian values.

Fully Offered At:

- Kent Campus

Accreditation

Dietetic Internship concentration: Accreditation Council for Education in Nutrition and Dietetics (ACEND)

Admission Requirements

- Bachelor's degree from an accredited college or university for unconditional admission
- Minimum 3.000 undergraduate GPA on a 4.000 point scale for unconditional admission
- Upper level, undergraduate coursework in biochemistry, physiology and advanced nutrition
- Official transcript(s)
- Goal statement
- Didactic Program in Dietetics (DPD) verification statement (required for Dietetic Internship concentration only)
- Dietetic internship application through the Dietetic Internship Centralized Application System (DICAS) with D & D Digital Computer Matching (required for Dietetic Internship concentration only)
- Three letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score (paper-based version)
 - Minimum 79 TOEFL IBT score (Internet-based version)
 - Minimum 77 MELAB score

- Minimum 6.5 IELTS score
- Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education's admission website.

Program Learning Outcomes

Graduates of this program will be able to:

1. Describe the physiological functions, metabolism, dietary requirements, deficiency symptoms, food sources and the metabolic utilization of macronutrients and micronutrients for physiological processes; and how they relate to nutrition, health promotion and disease prevention/treatment.
2. Contribute to the quality of life, well-being and wellness of individuals and families by utilizing their nutrition knowledge and participating in activities that promote nutritional well-being.
3. Demonstrate an understanding of research methods and apply knowledge gained by participation in research and/or outreach.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements		
Eval 65510	STATISTICS I FOR EDUCATIONAL SERVICES	3
NUTR 61018	TECHNIQUES OF RESEARCH IN FAMILY AND CONSUMER STUDIES	3
NUTR 63519	ADVANCED STUDY OF MICRONUTRIENTS	3
NUTR 63520	MACRONUTRIENT NUTRITION	3
NUTR 63521	NUTRITION AND DISEASE: CLINICAL APPLICATIONS	3
Thesis or Master's Project Option		6
NUTR 61198	MASTER'S PROJECT ¹	
NUTR 63199	THESIS I ²	
Supporting Electives, choose from the following in consultation with advisor. ³		6
NUTR 51095	SPECIAL TOPICS IN NUTRITION	
NUTR 51096	INDIVIDUAL INVESTIGATION IN NUTRITION	
NUTR 53013	RESEARCH AND STATISTICAL METHODS IN NUTRITION	
NUTR 53016	WORLD FOOD CUSTOMS AND NUTRITION	
NUTR 53512	MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY	
NUTR 53513	MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY	
NUTR 53514	MEDICAL NUTRITION THERAPY II	
NUTR 53515	COMMUNITY NUTRITION	
NUTR 53518	LIFECYCLE NUTRITION	
NUTR 53520	SPORTS NUTRITION	
NUTR 53532	METHODS AND EXPERIENCES IN NUTRITION OUTREACH	
NUTR 63524	PERSPECTIVE ON PREVENTION AND PRACTICE IN COMMUNITY NUTRITION	
NUTR 63591	NUTRITION SEMINAR ⁴	
Additional Requirements or Concentration		

Choose from the following:	5-16
Additional Requirements for Students Not Declaring a Concentration	
Dietetic Internship Concentration	
Minimum Total Credit Hours:	32-43

- 1 The master's project is intended for students who do not plan to continue graduate work beyond the master's degree. The option provides the opportunity to approach research and theory in a more applied manner. The presentation and interpretation of original research is not required. However, approval of the intended project by the student's master's project committee is required, as is the successful completion of an oral final examination conducted by the master's project committee.
- 2 The thesis is intended for research-oriented students and is designed to provide the opportunity to conduct original research. Approval of a thesis proposal by the student's thesis committee is required as is the successful completion of an oral final examination conducted by the thesis committee.
- 3 Students not in the Dietetic Internship may take HM 63024 toward the supporting electives.
- 4 Maximum 3 credit hours of NUTR 63591 may be applied towards the degree.

Additional Requirements for Students Not Declaring a Concentration

Code	Title	Credit Hours
Major Requirements		
	Additional Requirements (may be selected from other graduate courses in clearly related areas)	5
Minimum Total Credit Hours:		5

Dietetic Internship Concentration Requirements

Code	Title	Credit Hours
Concentration Requirements		
HM 63024	MANAGEMENT OF FOOD AND NUTRITION SERVICES	3
NUTR 63525	DIETETIC PRACTICE: COMMUNITY	1
NUTR 63526	DIETETIC PRACTICE: MANAGEMENT	1
NUTR 63527	DIETETIC PRACTICE: CLINICAL	1
NUTR 63592	DIETETIC INTERNSHIP ¹	10
Minimum Total Credit Hours:		16

- 1 All students in dietetic internships are required to obtain criminal background checks, including the Bureau of Criminal Investigation and Identification (BCII) for the State of Ohio and the Federal Bureau of Investigation (FBI) prior to beginning practice experiences, annually, until internship practice experiences are complete and additionally as required by facilities.