

## SUGGESTED THREE-YEAR GRADUATION PLAN



### Roadmap: Nutrition – Bachelor of Science

[EH-BS-NUTR]

College of Education, Health and Human Services

School of Health Sciences

Catalog Year: 2013-2014

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [30 Credit Hours]</b>					
<b>CHEM 10060 General Chemistry I</b>	4				<b>Fulfills Kent Core Basic Sciences</b>
CHEM 10061 General Chemistry II	4				Fulfills Kent Core Basic Sciences
MATH 11009 Modeling Algebra	4				Fulfills Kent Core Mathematics and Critical Reasoning
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences and domestic diversity course requirement
Kent Core Composition	6				See Kent Core summary on page 2
Kent Core Humanities or Fine Arts	9				See list of Kent Core courses that can be earned through AP, CLEP, or CBE exams on page 3
<b>Semester One: [17 Credit Hours]</b>					
<b>BSCI 20020 Biological Structure and Function</b>	5				<b>Fulfills Kent Core Basic Sciences</b>
<b>NUTR 23112 Introduction to the Profession: Nutrition and Dietetics</b>	1			■	
CHEM 20481 Basic Organic Chemistry I	4			■	Offered in fall only
NUTR 23511 Science of Human Nutrition	3			■	Fulfills Kent Core Additional
SOC 12050 Introduction to Sociology	3				Fulfills Kent Core Social Sciences and domestic diversity course requirement
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits
<b>Semester Two: [16 Credit Hours]</b>					
CHEM 30284 Introductory Biological Chemistry	4	■		■	Offered in spring only
HM 23012 Food Study	3			■	Offered in spring only
MIS 24053 Introduction to Computer Applications	3			■	
NUTR 33512 Nutrition	3	■		■	
NUTR 33522 Applied Nutrition	3	■		■	Offered in spring only
<b>Semester Three: [16 Credit Hours]</b>					
<b>MIS 24163 Principles of Management</b>	3			■	
BSCI 30030 Human Physiology	4	■		■	
NUTR 43016 Cultural Aspects of Food, Nutrition and Health	3	■		■	Offered in fall only
General Electives (lower or upper division)	6				
<b>Semester Four: [12 Credit Hours]</b>					
BSCI 20021 Basic Microbiology	3			■	
MIS 34180 Human Resource Management	3	■		■	
NUTR 43518 Maternal and Child Nutrition	3	■		■	Offered in spring only
NUTR 43512 Advanced Nutrition I	3	■		■	Offered in spring only
<b>Semester Five: [16 Credit Hours]</b>					
COMM 15000 Introduction to Human Communication	3				Fulfills Kent Core Additional
HM 43030 Food Service Systems Management	3	■		■	Offered in fall only
NUTR 43513 Advanced Nutrition II	3	■		■	Offered in fall only
NUTR 43520 Nutrition for Fitness	3	■		■	Offered in fall only
NUTR 43523 Nutrition and Dietetics Professional Practice	1	■		■	Offered in fall only
General Elective (lower or upper division)	3				Should fulfill global diversity requirement if not satisfied earlier
<b>Semester Six: [14 Credit Hours]</b>					
HM 43032 Food Production and Service Management	3	■		■	Offered in spring only
NUTR 43013 Experimental Methods in Nutrition	3	■	C	■	Fulfills writing-intensive course requirement; offered in spring only
NUTR 43514 Clinical Dietetics	4	■		■	Offered in spring only
NUTR 43515 Community Nutrition	3	■		■	Fulfills experiential learning requirement
General Elective (lower or upper division)	1				Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division hours

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### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum	
						Major GPA	Overall GPA
121	39	36	Kent Core or General Elective / PSYC 11762 or SOC 12050	NUTR 43013	NUTR 43515	2.250	2.000

### Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11009	0
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill global diversity requirement	9
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	Fulfilled in this major with PSYC 11762 and SOC 12050	0
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	Fulfilled in this major with BSCI 20020, CHEM 10060 and CHEM 10061	0
<b>Additional (6 credit hours)</b>	Fulfilled in this major with COMM 15000 and NUTR 23511	0

#### Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

#### Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

#### Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

#### Experiential Learning Requirement

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr) for course list.

#### Upper-Division Requirement

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.

## Kent Core Courses That Can Be Earned Through Exams

**LEGEND:** G – Global Diversity; D – Domestic Diversity; LAB – Laboratory

				Minimum AP score	Minimum CLEP score	Minimum CBE score
<b>COMPOSITION</b>						
ENG	11011	College Writing I (3)		3	50	C
ENG	21011	College Writing II (3)				C
<b>MATHEMATICS AND CRITICAL REASONING</b>						
CS	10051	Introduction to Computer Science (4)		3		
MATH	11010	Algebra for Calculus (3)			50	
MATH	11012	Intuitive Calculus (3)				C
MATH	12001	Algebra and Trigonometry (5)			50	C
MATH	12002	Analytic Geometry and Calculus I (5)		3	50	C
MATH	14001	Basic Mathematical Concepts I (4)				C
MATH	14002	Basic Mathematical Concepts II (4)				C
<b>HUMANITIES AND FINE ARTS</b>						
<b>Humanities in Arts and Sciences</b>						
ENG	22073	Major Modern Writers: British and United States (3)		3	50	
G HIST	11050	World History: Ancient and Medieval (3)		3		C
G HIST	11051	World History: Modern (3)		3		C
D HIST	12070	History of the United States: The Formative Period (3)		3	50	C
D HIST	12071	History of the United States: The Modern Period (3)		3	50	C
HIST	1xxxx	European History (3)		3		
<b>Fine Arts</b>						
ARCH	10012	Survey of Architectural History II (3)				C
ARTH	22006	Art History I: Ancient and Medieval Art (3)		3		
MUS	22111	The Understanding of Music (3)				C
G MUS	22121	Music as a World Phenomenon (3)				C
<b>SOCIAL SCIENCES</b>						
ECON	22060	Principles of Microeconomics (3)		3	50	C
ECON	22061	Principles of Macroeconomics (3)		3	50	C
GEOG	10160	Introduction to Geography (3)				C
G GEOG	17063	World Geography (3)				C
D GEOG	17064	Geography of the United States and Canada (3)				C
G GEOG	22061	Human Geography (3)		3		
G POL	10004	Comparative Politics (3)		3		
D POL	10100	American Politics (3)		3	50	
D PSYC	11762	General Psychology (3)		3	50	
D PSYC	20651	Child Psychology (3)			50	
D SOC	12050	Introduction to Sociology (3)			50	
<b>BASIC SCIENCES</b>						
BSCI	10001	Human Biology (3)				C
BSCI	10002	Life on Planet Earth (3)				C
BSCI	10110	Biological Diversity (4)		3	50	
BSCI	10120	Biological Foundations (4)		4	50	
LAB BSCI	11010	Anatomy and Physiology I for Allied Health (3)				C
LAB BSCI	11020	Anatomy and Physiology II for Allied Health (3)				C
BSCI	20020	Biological Structure and Function (5)				C
CHEM	10030	Chemistry in Our World (3)				C
CHEM	10050	Fundamentals of Chemistry (3)				C
CHEM	10052	Introduction to Organic Chemistry (2)				C
CHEM	10054	General and Elementary Organic Chemistry (5)				C
CHEM	10060	General Chemistry I (4)		3	50	C
CHEM	10061	General Chemistry II (4)		5	50	C
LAB CHEM	10062	General Chemistry I Laboratory (1)		4		
GEOL	11040	Earth Dynamics (3)				C
GEOL	11042	Earth History (3)				C
GEOL	21062	Environmental Geology (3)		3		C
GEOL	21080	Oceanography (3)				C
PHY	11030	Seven Ideas that Shook the Universe (3)				C
PHY	12201	Technical Physics I (3)				C
PHY	12202	Technical Physics II (3)				C
PHY	13001	General College Physics I (4)		3		C
PHY	13002	General College Physics II (4)		3		C
PHY	13011	College Physics I (2)				C
PHY	13012	College Physics II (2)				C
LAB PHY	13021	General College Physics Laboratory I (1)		3		
LAB PHY	13022	General College Physics Laboratory II (1)		3		
PHY	21040	Physics in Entertainment and the Arts (3)				C
PHY	21430	Frontiers in Astronomy (3)				C
PHY	23101	General University Physics I (5)		3		C
PHY	23102	General University Physics II (5)		3		C

Visit the following websites for more information on the AP ([www.kent.edu/honors/academicsandresearch/advanced-placement.cfm](http://www.kent.edu/honors/academicsandresearch/advanced-placement.cfm)); CLEP ([www.kent.edu/career/testing/clep.cfm](http://www.kent.edu/career/testing/clep.cfm)); and CBE ([www.kent.edu/registrar/info/cbe.cfm](http://www.kent.edu/registrar/info/cbe.cfm)) at Kent State. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for the full Kent Core course list.

Last revised 10-Apr-13