



ALL COURSES, SPECIFIED BY COURSE AND NUMBER,  
 MUST BE TAKEN FOR A GRADE

**ACE Requirements (32)**

COURSE	TITLE
<b>ACE 1. Written Skills</b>	

<b>ACE 2. Communications Skills</b>	

<b>ACE 3. Mathematical, Computational, Statistical or Formal Skills</b>	
* EDPS 459 <b>or</b> *STAT 218	Statistical Methods <b>or</b> Introduction to Statistics

<b>ACE 4. Study of Scientific Methods and Knowledge of the Natural and Physical World</b>	
*CHEM 109	General Chemistry I

<b>ACE 5. Study of Humanities</b>	

<b>ACE 6. Study of Social Sciences</b>	
*PSYC 181	Introduction to Psychology

<b>ACE 7. Study of the Arts to Understand Their Contexts and Significance</b>	

<b>ACE 8. Ethical Principles, Civics and Stewardship and Their Importance to Society</b>	

<b>ACE 9. Global Awareness, Knowledge of Human Diversity through Analysis of an Issue</b>	

<b>ACE 10. Integration of Abilities and Capacities in a Creative or Scholarly Product</b>	
*NUTR 455	Advanced Nutrition

\*Signifies where a course will count toward both major and ACE requirements

**Professional Requirements (43-45)**

COURSE	TITLE
<b>NUTR – Nutrition &amp; Health Sciences</b>	
<i>Only grades of C or above count towards graduation requirements for NUTR courses.</i>	
NUTR 250	Human Nutrition & Metabolism
NUTR 302	Health Information: Science, Media, and the Consumer
NUTR 450	Medical Nutrition Therapy I
NUTR 452	Medical Nutrition Therapy II
BIOC 431	Structure and Metabolism
BIOS 214	Human Anatomy
BIOS 312 & 314	Microbiology & Microbiology laboratory
LIFE 121 & 121L	Fundamentals of Biology II & Fundamentals of Biology II laboratory
CHEM 251 & CHEM 252 & CHEM 253	Organic Chemistry I & Organic Chemistry II & Organic Chemistry I laboratory
PHYS 141 & PHYS 142 <b>or</b> PHYS 211 & PHYS 212	Elementary General Physics I and Elementary General Physics II General Physics I and General Physics II

**Supporting Courses (14-17)**

COURSE	TITLE
MATH 102 or 103 or a placement score of MATH 104 or 106	Trigonometry or College Algebra and Trigonometry or a placement score of Applied Calculus or Calculus I
BIOS 213 & 213L	Human Physiology & Human Physiology laboratory
CHEM 110	General Chemistry II
LIFE 120 & 120L	Fundamentals of Biology I & Fundamentals of Biology I laboratory

**Select any from the following (5-8)**  
 BIOC 432; any course 200 or above in BIOS, PHYS, CHEM; CHEM 254; any FDST 400 or above; MATH 102 or higher; NUTR 251; NUTR 453; NUTR 484; PHIL 213; PSYC 380; or any VBMS 300 or above

**Electives (18-26)**

COURSE	TITLE

**NOTES:**

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CEHS offers an International Studies minor. If you are interested in learning more about this minor, please consult with your advisor about ACE requirements and needed elective hours that could be chosen to meet degree requirements and also the International Studies minor.

**NUTRITION SCIENCE (BS) – 2019-20 Program Requirements**

	COURSE NAME	HOURS
<b>FIRST Semester</b>	CHEM 109 General Chemistry I (ACE 4)	4
	MATH 102 or 103 or a placement score of MATH 104 or 106	2-5
	PSYC 181 (ACE 6)	4
	ACE 1	3
Total Hours		13-16

	COURSE NAME	HOURS
<b>THIRD Semester</b>	CHEM 251 & CHEM 253 Organic Chemistry I & Lab	4
	LIFE 120/120L Fund. of Biology I & Lab	4
	ACE 7	3
	Electives	3-5
Total Hours		14-16

	COURSE NAME	HOURS
<b>FIFTH Semester</b>	BIOC 431 Structure and Metabolism	3
	BIOS 213/213L Human Physiology & Lab	4
	STAT 218 Intro. to Statistics <u>or</u> EDPS 459 Statistics (ACE 3)	3
	NUTR 302 Health Information: Science, Media, and the Consumer	3
	Electives	3
Total Hours		16

	COURSE NAME	HOURS
<b>SEVENTH Semester</b>	BIOS 312 & 314 Microbiology & Microbiology Lab	4
	NUTR 450 Medical Nutrition Therapy I	3
	NUTR 455 Advanced Nutrition (ACE 10)	3
	PHYS 142 Elementary General Physics II or PHYS 212 General Physics II	4-5
Total Hours		14-15

	COURSE NAME	HOURS
<b>Second Semester</b>	CHEM 110 General Chemistry II	4
	NUTR 250 Human Nutrition & Metabolism	3
	ACE 2	3
	ACE 5	3
	Electives	3
Total Hours		16

	COURSE NAME	HOURS
<b>FOURTH Semester</b>	CHEM 252 Organic Chemistry II	3
	LIFE 121/121L Fund. of Biology II & Lab	4
	ACE 9	3
	ACE 8	3
Total Hours		13

	COURSE NAME	HOURS
<b>SIX Semester</b>	PHYS 141 Elementary General Physics I or PHYS 211 General Physics I	4-5
	Supporting Professional Courses	5-8
	Electives	6
Total Hours		15-19

	COURSE NAME	HOURS
<b>EIGHTH Semester</b>	BIOS 214 Human Anatomy	5
	NUTR 452 Medical Nutrition Therapy II	3
	Electives	3-9
Total Hours		11-17

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College of Education and Human Sciences  
Student Services Center  
105 HENZLIK HALL  
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DISCLAIMER: This document represents a sample 4-year plan for degree completion with a major of interest in the College of Education and Human Sciences. Actual course selection and sequence may vary and should be discussed individually with an Academic Adviser at the college level.

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