

Student: _____ PUID: _____ Catalog Term: _____

Additional Majors: _____ Minors: _____

Nutrition Science Core (University Foundational Learning Outcomes) (26-27 credits)

- ___ (4-3) ENGL 10600 First-Year Composition or ENGL 10800 Accelerated First-Year Composition [**Written Communication**]
- ___ (3) STAT 30100 Elementary Statistical Methods [**Information Literacy**]
- ___ (3) COM 11400 Fundamentals of Speech Communication [**Oral Communication**]
- ___ (4) CHM 11500 General Chemistry [**Fulfills 1 Science Core Course**]
- ___ (4) CHM 11600 General Chemistry [**Fulfills 1 Science Core Course**]
- ___ () _____ [**Humanities**] - *select from University list* (PHIL 11100 Ethics suggested)
- ___ (3) SOC 10000 Introductory Sociology [**Behavior/Social Science**]
- ___ () _____ [**Quantitative Reasoning**] ***fulfilled by MA 16100, MA 16010 or MA 16020
- ___ () _____ [**Science, Technology & Society**] - *select from University list*

Required Courses in Other Departments (49-55 credits)

- { ___ (3) BCHM 56100 General Biochemistry I *and*
 - { ___ (3) BCHM 56200 General Biochemistry II *or*
 - { ___ (3) BCHM 30700 Biochemistry *and*
 - { ___ (1) BCHM 30900 Biochemistry Laboratory *or*
 - { ___ (1) BCHM 30900 Biochemistry Laboratory *and*
 - { ___ (3) CHM 33300 Principles of Biochemistry
- { ___ (3) BIOL 13100 Biology II: Development, Structure, & Function of Organisms *and*
- { ___ (2) BIOL 13500 First Year Biology Laboratory *and*
- { ___ (3) BIOL 23100 Biology III: Cell Structure & Function *and*
- { ___ (2) BIOL 23200 Laboratory In Biology III: Cell Structure & Function *or*
 - { ___ (4) BIOL 11000 Fundamentals of Biology I *and*
 - { ___ (4) BIOL 11100 Fundamentals of Biology II
- { ___ (3) BIOL 24100 Biology IV: Genetics & Molecular Biology *and*
- { ___ (2) BIOL 24200 Biology IV: Genetics & Molecular Biology Lab *or*
 - { ___ (3) AGRY 32000 Genetics *and*
 - { ___ (1) AGRY 32100 Genetics Laboratory
- ___ (3) BIOL 30100 Human Design: Anatomy and Physiology
- ___ (3) BIOL 30200 Human Design: Anatomy and Physiology
- ___ (3) CHM 25500 Organic Chemistry
- ___ (1) CHM 25501 Organic Chemistry Laboratory
- ___ (3) CHM 25600 Organic Chemistry
- ___ (1) CHM 25601 Organic Chemistry Laboratory
- ___ (3) _____ Select 3 credit course from ENGL 200-499 series
- ___ (5) MA 16100 Plane Analytic Geometry & Calculus *or*
 - ___ (3) MA 16010 Applied Calculus I *and*
 - ___ (3) MA 16020 Applied Calculus II
- ___ (4) PHYS 22000 General Physics
- ___ (4) PHYS 22100 General Physics
- ___ (3) PSY 12000 Elementary Psychology

Major Requirements (20-23 credits)

- ___ (1) NUTR 10500 Nutrition in the 21st Century
- ___ (1) NUTR 10700 Introduction to Nutrition Science
- ___ (3) NUTR 31500 Fundamentals of Nutrition
- ___ (3) NUTR 36500 Physiology and Nutrition During the Life Cycle
- ___ (2) NUTR 43600 Nutritional Assessment
- ___ (3) NUTR 43700 Macronutrient Metabolism In Human Health and Disease
- ___ (3) NUTR 43800 Micronutrient and Phytochemical Metabolism in Human Health and Disease
- ___ (3-4) NUTR 49000 Undergraduate Research Experience *or* NUTR 45300 Food Chemistry *or* FS 45300 Food Chemistry *or* NUTR 39700/49700 Honors Research
- ___ (1-3) NUTR 49500 Undergraduate Seminar in Foods & Nutrition *or* NUTR 42400 Communication Techniques in Foods & Nutrition

Electives 15-25 credits

___ () _____ ___ () _____ ___ () _____ ___ () _____
 ___ () _____ ___ () _____ ___ () _____ ___ () _____

120 semester credits required for Bachelor of Science degree

University Foundational Learning Outcomes List: <https://www.purdue.edu/provost/initiatives/curriculum/course.html>

Name: _____

Department of Foods & Nutrition

Minor Code(s): _____

Nutrition Science - NUSC

120 Semester hours

Freshman Year - First Semester			Sem/Yr	Grade	Second Semester			Sem/Yr	Grade
(4)		CHM 115-General Chemistry (CHM 115 - MA 159 completed or calculus co-rec)			(4)	CHM 116 -General Chemistry (Chm 115)			
(2)		BIOL 121 - Biology I (recommended elective)			(3)	BIOL 131 - BIOL II : Dev,Struc & Func of Organisms			
(4)		ENGL 106-First Year Composition			(2)	BIOL 135 - First year Biology Lab (CHM 115)			
(3-5)		MA 161 or MA 16010-Calc Life Sci I ALEKS placement			(3)	COM 114-Fundamentals Of Speech Communication			
(1)		NUTR 107 - Intro to Nutrition Science (8 weeks only)			(3)	MA16020-Calc Life Sci II (If did not take MA 161, pre-req: MA 16020)			
(1)		NUTR 105- Nutrition in the 21st Century							
[14-16]					[15]				

Sophomore Year - Third Semester			Sem/Yr	Grade	Fourth Semester			Sem/Yr	Grade
(3)		BIOL 231 Biology III (BIOL 131 or 131, CHM 116)	Fall Only		(3)	BIOL 241 - Biology IV, Genetics & Mol Biology (BIOL 231, CHM 116)	Spring Only		
(2)		BIOL 232 Laboratory in Biology III			(2)	BIOL 242 Biology IV: Genetics & Molecular Biology Lab			
(3)		CHM 255-Organic Chemistry (CHM 116)			(3)	CHM 256-Organic Chemistry (CHM 255)			
(1)		CHM 25501 Organic Laboratory			(1)	CHM 25601 Organic Laboratory			
		(Two semesters of general chemistry)			(3)	NUTR 315 - Principles of Nutrition (BIOL 231, 111 or BIOL 203, CHM 112 or 116)			
(3)		PSY 120 - Elementary Psychology							
(3)		STAT 301 - Elementary Statistical Methods (math requirement)			(3)	SOC 100 - Introductory Sociology			
[15]					[15]				

Notes: Responsibility for meeting graduation requirements is solely that of the student.

Notes: All students must complete 32 hours of 300 level courses or higher courses at Purdue for graduation.

Junior Year - Fifth Semester			Sem/Yr	Grade	Sixth Semester			Sem/Yr	Grade
(3)		BCHM 561/BCHM 307/CHM 333-Biochem I/Prin of Biochemistry (1 semester or 1 year of Organic Chemistry)			(3)	NUTR 437 - Micronutrient Metabolism (Biochemistry & NUTR 315)	Spring only		

(1)	BCHM 309 - Biochemistry Laboratory (if doing the BCHM 307 or CHM 333 option)		
(3)	Elective		
(3)	BIOL 301 - Human Design: Anat & Phys (BIOL 111 or 131, CHM 116)	Fall Only	
(4)	PHYS 220 - General Physics		
(3)	Science, Technology & Society Selective		
[17]			

(2)	BCHM 562 (if doing this sequence) or Elective (BCHM 561)		
(3)	NUTR 365 -Phys & Nutriton During the Lifecycle (NUTR 330)		
(3)	BIOL 302 - Human Design: Anat & Phys (BIOL 111 or 131, CHM 116)	Spring only	
(4)	PHYS 221- General Physics		
[15]			

Notes: Need 6 total credits of NUTR Selectives

Notes:

Senior Year - Seventh Semester		Sem/Yr	Grade
(3)	NUTR 438 - Micronutrient Metabolism (Biochemistry & NUTR 437)	Fall only	
(2)	NUTR 492 - Nutrition Assessment	Fall only	
(3-4)	NUTR Research Exp or NUTR 453		
(3)	Humanities Selective		
(3)	Elective		
[14-15]			

Notes: Need electives to equal 120 credit hours.

Eighth Semester		Sem/Yr	Grade
(1)	NUTR 495 - Indergraduate Seminar in F and N (NUTR 438)	Spring only	
(3)	ENGL (200-39900)		
(7-10)	Electives		
[10-13]			

Notes: