PURDUE UNIVERSITY

NUTRITION SCIENCE
College of Health and Human Sciences

NUTR SCI-BS
NUSC
120 credits

Student: _____ PUID: _____ Catalog Term: Fall 2025

Additional Majors: _____ Minors: _____

Major Requirements (22-23 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 39000 Independent Undergraduate Research *or* NUTR 49000 Undergraduate Research Experience *or* NUTR 45300 Food Chemistry *or* NUTR 39700/49700 Honors Research
____ (3) NUTR 49600 Evaluation of Nutrition Science Research

Other Departmental / Program Course Requirements (75-82 credits)

____ (3) BCHM 30700 Biochemistry
____ (1) BCHM 30900 Biochemistry Laboratory
____ (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
____ (4) BIOL 20300 Human Anatomy and Physiology
____ (4) BIOL 20400 Human Anatomy and Physiology
____ (3) CHM 11510 General Chemistry I **[Satisfies 1 Science Core Course]**
____ (1) CHM 11520 General Chemistry I Laboratory
____ (3) CHM 11610 General Chemistry II **[Satisfies 1 Science Core Course]**
____ (1) CHM 11620 General Chemistry II Laboratory
____ (3) CHM 25500 Organic Chemistry for the Life Sciences I
____ (1) CHM 25501 Organic Chemistry for the Life Sciences Laboratory I
____ (3) CHM 25600 Organic Chemistry for the Life Sciences II
____ (1) CHM 25601 Organic Chemistry for the Life Sciences Laboratory II
____ (4-3) ENGL 10600 First Year Composition with Conferences *or*
ENGL 10800 First-Year Composition **[Satisfies Written Communication Core]**
____ (3) _____Select 3 credit course from ENGL 20000-49999 series
____ (5) MA 16100 Plane Analytic Geometry & Calculus I *or* **[MA 16100, 16010, or 16020 satisfies Quantitative Reasoning Core]**
  ____ (3) MA 16010 Applied Calculus I *and*
  ____ (3) MA 16020 Applied Calculus II
____ (4) PHYS 22000 General Physics *and*
____ (4) PHYS 22100 General Physics *or*
  ____ (4) PHYS 23300 Physics for Life Sciences I *and*
  ____ (4) PHYS 23400 Physics for Life Sciences II
____ (3) PSY 12000 Elementary Psychology
____ (3) SOC 10000 Introductory Sociology **[Satisfies Behavioral/Social Science Core]**
____ (3) STAT 30100 Elementary Statistical Methods **[Satisfies Information Literacy Core]**
____ (3) _____**[Humanities Core]** – *select from University list* (PHIL 11100 Ethics recommended)
____ (3) _____**[Oral Communication Core]** – *select from University list*
____ (1-3)_____**[Science, Technology & Society Core]** – *select from University list*

Requirements Continued on Next Page

Electives (15-23 credits)

____ ( )_____ ____ ( ) _____ ____ ( ) _____ ____ ( ) _____

____ ( )_____ ____ ( ) _____ ____ ( ) _____ ____ ( ) _____

120 semester credits required for Bachelor of Science degree

University Foundational Learning Outcomes List: https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html

A student may elect the Pass / Not-Pass (P/NP) grading option for elective courses only, unless an academic unit requires that a specific departmental course/s be taken P/NP. Students may elect to take University Core Curriculum courses P/NP; however, some major Plans of Study require courses that also fulfill UCC foundational outcomes. In such cases, students may not elect the P/NP option. A maximum of 24 credits of elective courses under the P/NP grading option can be used toward graduation requirements. For further information, students should refer to the College of Health and Human Sciences P/NP Policy.

Students are encouraged to use this advising worksheet as a resource when planning progress toward completion of degree requirements. An Academic Advisor may be contacted for assistance in interpreting this worksheet. This worksheet is not an academic transcript, and it is not official notification of completion of degree or certificate requirements. The University Catalog is the authoritative source for displaying plans of study. The student is ultimately responsible for knowing and completing all degree requirements

Nutrition Science (NUSC)

Suggested Arrangement of Courses: **Fall 2025**

Credits	**Fall 1st Year**	**Prerequisite**	Credits	**Spring 1st Year**	**Prerequisite**
4	**BIOL 11000◆	See note - **Biology sequences below**	4	**BIOL 11100◆	BIOL 11000
3	*CHM 11510 ◆	MA 15800 or ALEKS 75 or SATR Math 620 or ACT Math 26	3	*CHM 11610 ◆	CHM 112 with a B or CHM 115 or CHM 11510
1	*CHM 11520 ◆	CHM 11510cc	1	CHM 11620 ◆	CHM 11610cc
4-3	*ENGL 10600◆ or ENGL 10800◆		3	MA 16020◆	MA 16010
3	*MA 16010◆	ALEKS (75) or SAT placement or MA 15800	3	*Oral Communication Core	
1	NUTR 10500 1st 8 wks, Fall only				
1	NUTR 10700 2nd 8 wks, Fall only				
16-17			**14**		

Credits	**Fall 2nd Year**	**Prerequisite**	Credits	**Spring 2nd Year**	**Prerequisite**
4	BIOL 20300◆ (Fall or Summer only)		4	BIOL 20400◆ (Spring or Summer only)	BIOL 20300
3	CHM 25500◆	CHM 11200 or 11600 or 11610	3	CHM 25600◆	CHM 25500
1	CHM 25501◆	CHM 25500cc	1	CHM 25601◆	CHM 25600cc
3	*PSY 12000		3	AGRY 32000◆ or BIOL 24100◆ (Spring only)	See MyPurdue
3	Electives		1-2	AGRY 32100◆ or BIOL 24200◆	See MyPurdue
			4	Electives	
14			**16-17**		

Credits	**Fall 3rd Year**	**Prerequisite**	Credits	**Spring 3rd Year**	**Prerequisite**
3	BCHM 30700◆	CHM 25600 or 25700	3	NUTR 36500 (Spring only)	NUTR 31500
1	BCHM 30900◆	CHM 25600 or 25700	2	NUTR 43600 (Spring only)	NUTR 31500 & BCHM 307cc
3	NUTR 31500 (Fall/Spring/Summer)	BIOL 11100 or CHM 11200 or 11600 or 11610	3	NUTR 43700 (Spring/Summer)	BCHM 307 & NUTR 31500 & BIOL 20400
4	PHYS 22000◆ or PHYS 23300◆ (Fall/Spring/Summer)		4	PHYS 22100◆ or PHY 23400◆ (Fall/Spring/Summer)	
3	*SOC 10000		3	*STAT 30100	
1	Elective				
15			**15**		

Credits	**Fall 4th Year**	**Prerequisite**	Credits	**Spring 4th Year**	**Prerequisite**
3	NUTR 43800 (Fall only)	Biochemistry & NUTR 43700	3	NUTR 49600 (Spring only)	NUTR 43800
3-4	NUTR 39000 or 39700 or 49000 or 49700 or NUTR 45300		3	ENGL (20000-49900)	See MyPurdue
3	*Humanities Core		3-12	Electives	
1-3	*Science, Technology, & Society Core				
2-4	Electives				
12-17			**13-18**		

* Satisfies a University Core Requirement

** **Biology sequence option A**: BIOL 11000 and BIOL 11100

Biology sequence option B: BIOL 12100 (*not required in major but counts as STS core, counts in BIOL minor and is the pre-req for BIOL 13100*) **+** [BIOL 13100 and 13500] and [BIOL 23100 and 23200].

◆ Critical Course: one that a student must be able to pass to persist and succeed in this major and/or need to take in a given semester.

cc May be taken concurrently

Note: 30 credits required each year to reach each subsequent class standing, which may affect financial aid

120 semester credits required for Bachelor of Science degree. A 2.0 Graduation GPA required for Bachelor of Science degree.

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The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion