

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 *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

Major Requirements (23-26 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
- ___ (3) NUTR 49600 Evaluation of Nutrition Science Research

Requirements Continued on Next Page

Electives 12-22 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 Nutrition Science

Minor Code(s): _____

Nutrition Science - NUSC

120 Semester hours

Freshman Year - First Semester

| | | Sem/Yr | Grade |
|---------|-------------------------------------------------------------------------------------------------------|-----------|-------|
| (2-4) | BIOL 12100 or BIOL 11000 - Biology I (recommended elective) | Fall only | |
| (4) | CHM 11500 - General Chemistry (CHM 11500 - ALEKs placement, MA 15800 completed or calculus co-rec) | | |
| (4) | ENGL 10600 - First Year Composition | | |
| (3-5) | MA 16100 or MA 16010 - Calc Life Sci I (ALEKS placement) | | |
| (1) | NUTR 10500 - Nutrition in the 21st Century (8 weeks only) | | |
| (1) | NUTR 10700 - Intro to Nutrition Science (8 weeks only) | | |
| [15-19] | | | |

Second Semester

| | | Sem/Yr | Grade |
|---------|------------------------------------------------------------------------------|-------------|-------|
| (3-4) | BIOL 13100 or BIOL 11100 - Biology II | Spring only | |
| (0-2) | BIOL 13500 - First year Biology Lab (CHM 11500) | Fall/Spring | |
| (4) | CHM 11600 - General Chemistry (CHM 11500) | | |
| (0-3) | COM 11400 - Fundamentals Of Speech Communication | | |
| (0-3) | MA 16020 - Calc Life Sci II (If did not take MA 16100, pre-req: MA 16010) | | |
| [10-16] | | | |

Sophomore Year - Third Semester

| | | Sem/Yr | Grade |
|---------|------------------------------------------------------------------------|-----------|-------|
| (0-3) | BIOL 23100 - Biology III (BIOL 13100 or 13100, CHM 11600) | Fall Only | |
| (0-2) | BIOL 23200 - Laboratory in Biology III | | |
| (3) | CHM 25500 - Organic Chemistry (CHM 116) | | |
| (1) | CHM 25501 - Organic Laboratory (Two semesters of general chemistry) | | |
| (3) | PSY 12000 - Elementary Psychology | | |
| (3) | STAT 30100 - Elementary Statistical Methods | | |
| (0-3) | Elective | | |
| [10-18] | | | |

Fourth Semester

| | | Sem/Yr | Grade |
|------|--------------------------------------------------------------------------------------|-------------|-------|
| (3) | BIOL 24100 - Biology IV, Genetics & Mol Biology (BIOL 23100, CHM 11600) | Spring Only | |
| (2) | BIOL 24200 - Biology IV: Genetics & Molecular Biology Lab | | |
| (3) | CHM 25600 - Organic Chemistry (CHM 25500) | | |
| (1) | CHM 25601 - Organic Laboratory | | |
| (3) | NUTR 31500 - Principles of Nutrition (BIOL 23100, 11100 or BIOL 20300, CHM 25500) | Fall/Spring | |
| (3) | SOC 10000 - Introductory Sociology | | |
| [15] | | | |

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

Notes: All students must complete 32 hours of 30000 level courses or higher courses at Purdue for graduation.

Junior Year - Fifth Semester

| | | Sem/Yr | Grade |
|---------|-------------------------------------------------------------------------------------------------------------------|--------------------|-------|
| (3) | BCHM 56100/BCHM 30700/CHM 33300- Biochem I/Prin of Biochemistry (1 semester or 1 year of Organic Chemistry) | | |
| (0-1) | BCHM 30900 - Biochemistry Laboratory (if doing the BCHM 30700 or CHM 33300 option) | | |
| (3) | BIOL 30100 - Human Design: Anat & Phys (BIOL 11100 or 13100, CHM 11600) | Fall Only | |
| (3) | Elective | | |
| (4) | PHYS 23300 or 22000 - Physics | Fall/Spring/Summer | |
| (3) | Science, Technology & Society Selective | | |
| [16-17] | | | |

Notes: Need 6 total credits of NUTR Selectives

Sixth Semester

| | | Sem/Yr | Grade |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|
| (3) | NUTR 43700- Micronutrient Metabolism (Biochemistry & NUTR 31500) | Spring and Summer only | |
| (0-3) | BCHM 56200 (if doing this sequence) or Elective (BCHM 56100) | | |
| (3) | BIOL 30200 - Human Design: Anat & Phys (BIOL 11100 or 13100, CHM 11600) | Spring only | |
| (3) | NUTR 36500 -Phys & Nutrition During the Lifecycle (NUTR 31500) | Spring only | |
| (2) | NUTR 43600 - Nutritional Assessment (if 18 credits, could take eighth semester)(NUTR 31500 and ((BCHM 30700 or CHM 33300) and BCHM 30900) or BCHM 56100) | Spring only | |
| (4) | PHYS 23400 or 22100 - Physics | Fall/Spring/Summer | |
| [15-18] | | | |

Notes:

Senior Year - Seventh Semester

| | | Sem/Yr | Grade |
|---------|-----------------------------------------------------------------------|-----------|-------|
| (3) | NUTR 43800 - Micronutrient Metabolism (Biochemistry & NUTR 43700) | Fall only | |
| (3-4) | NUTR Research Exp or NUTR 45300 | | |
| (3) | Humanities Selective | | |
| (3-8) | Electives | | |
| [12-18] | | | |

Notes: Need electives to equal 120 credit hours.

Eighth Semester

| | | Sem/Yr | Grade |
|---------|----------------------------------------------------------------------|-------------|-------|
| (3) | ENGL (20000-49900) | | |
| (1) | NUTR 49500 -Undergrad Seminar in Foods and Nutrition (NUTR 43800) | Spring only | |
| (3) | NUTR 49600 - Evaluation of Nutrition Science Research | Spring only | |
| (6-11) | Electives | | |
| [13-18] | | | |

Notes: