

**Major Requirements (23-26 credits)**

- \_\_\_ (1) NUTR 10500 Nutrition in the 21<sup>st</sup> 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

**Required Courses in Other Departments (75-82 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*
    - { \_\_\_ (3) CHM 33300 Principles of Biochemistry *and*
    - \_\_\_ (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
- \_\_\_ (3) BIOL 30100 Human Design: Anatomy and Physiology
- \_\_\_ (3) BIOL 30200 Human Design: Anatomy and Physiology
- \_\_\_ (4) CHM 11500 General Chemistry **[Fulfills 1 Science Core Course]**
- \_\_\_ (4) CHM 11600 General Chemistry **[Fulfills 1 Science Core Course]**
- \_\_\_ (3) CHM 25500 Organic Chemistry
- \_\_\_ (1) CHM 25501 Organic Chemistry Laboratory
- \_\_\_ (3) CHM 25600 Organic Chemistry
- \_\_\_ (1) CHM 25601 Organic Chemistry Laboratory
- \_\_\_ (3) COM 11400 Fundamentals of Speech Communication **[Fulfills Oral Communication Core]**
- \_\_\_ (4-3) ENGL 10600 First-Year Composition *or*
- ENGL 10800 Accelerated First-Year Composition **[Fulfills Written Communication Core]**
- \_\_\_ (3) \_\_\_\_\_Select 3 credit course from ENGL 20000-49999 series
- \_\_\_ (5) MA 16100 Plane Analytic Geometry & Calculus *or* **[MA 16100, 16010, or 16020 Fulfills 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 **[Fulfills Behavior/Social Science Core]**
- \_\_\_ (3) STAT 30100 Elementary Statistical Methods **[Fulfills Information Literacy Core]**
- \_\_\_ (3) \_\_\_\_\_**[Humanities Core]** – *select from University list* (PHIL 11100 Ethics suggested)
- \_\_\_ (3) \_\_\_\_\_**[Science, Technology & Society Core]** – *select from University list*

**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>

# Nutrition Science

## Suggested Arrangement of Courses:

**Fall 2016**

| Credits      | Fall 1st Year                                     | Prerequisite                                 | Credits      | Spring 1st Year                        | Prerequisite                               |
|--------------|---------------------------------------------------|----------------------------------------------|--------------|----------------------------------------|--------------------------------------------|
| 4            | BIOL 11000 <sup>cc</sup> (Fall only)              |                                              | 4            | BIOL 11100 <sup>cc</sup> (Spring only) | BIOL 11000                                 |
| 4            | *CHM 11500 <sup>cc</sup>                          | ALEKS placement, MA 15800 or calculus co-req | 4            | *CHM 11600 <sup>cc</sup>               | CHM 11500                                  |
| 5-3          | *MA 16100 <sup>cc</sup> or MA 16010 <sup>cc</sup> |                                              | 0-3          | MA 16020 <sup>cc</sup>                 | If did not take MA 16100, pre-req MA 16010 |
| 4-3          | *ENGL 10600 or ENGL 10800                         |                                              | 3            | *COM 11400                             |                                            |
| 1            | NUTR 10500 (Fall only)                            |                                              | 1            | Elective                               |                                            |
| 1            | NUTR 10700 (Fall only)                            |                                              |              |                                        |                                            |
| <b>16-19</b> |                                                   |                                              | <b>12-15</b> |                                        |                                            |

| Credits   | Fall 2nd Year           | Prerequisite                   | Credits      | Spring 2nd Year                                                    | Prerequisite                   |
|-----------|-------------------------|--------------------------------|--------------|--------------------------------------------------------------------|--------------------------------|
| 3         | BIOL 30100 (Fall only)  | BIOL 11100 or 13100, CHM 11600 | 3            | BIOL 30200 (Spring only)                                           | BIOL 11100 or 13100, CHM 11600 |
| 3         | PSY 12000               |                                | 3            | BIOL 24100 <sup>cc</sup> or AGRY 32000 <sup>cc</sup> (Spring only) | See myPurdue                   |
| 3         | CHM 25500 <sup>cc</sup> | CHM 11600                      | 2-1          | BIOL 24200 <sup>cc</sup> or AGRY 32100 <sup>cc</sup>               | See myPurdue                   |
| 1         | CHM 25501 <sup>cc</sup> | 2 sem General Chemistry        | 3            | CHM 25600 <sup>cc</sup>                                            | CHM 25500                      |
| 2         | Elective                |                                | 1            | CHM 25601 <sup>cc</sup>                                            |                                |
|           |                         |                                | 3            | *SOC 10000                                                         |                                |
| <b>12</b> |                         |                                | <b>14-15</b> |                                                                    |                                |

| Credits   | Fall 3rd Year                                 | Prerequisite | Credits      | Spring 3rd Year                              | Prerequisite              |
|-----------|-----------------------------------------------|--------------|--------------|----------------------------------------------|---------------------------|
| 3         | BCHM 30700 or CHM 33300                       | See myPurdue | 3            | NUTR 36500 (Spring only)                     | NUTR 31500                |
| 1         | BCHM 30900                                    |              | 3            | NUTR 43700 (Spring/Summer)                   | Biochemistry & NUTR 31500 |
| 3         | NUTR 31500 <sup>cc</sup> (Fall/Spring)        | See myPurdue | 3            | *STAT 30100                                  |                           |
| 4         | PHYS 23300 or PHYS 22000 (Fall/Spring/Summer) |              | 2            | NUTR 43600 (Spring only)                     | See myPurdue              |
| 3         | Elective                                      |              | 4            | PHY 23400 or PHYS 22100 (Fall/Spring/Summer) |                           |
|           |                                               |              | 0-3          | Elective                                     |                           |
| <b>14</b> |                                               |              | <b>15-18</b> |                                              |                           |

| Credits      | Fall 4th Year                                        | Prerequisite              | Credits      | Spring 4th Year                                      | Prerequisite |
|--------------|------------------------------------------------------|---------------------------|--------------|------------------------------------------------------|--------------|
| 3            | NUTR 43800 (Fall/Summer)                             | Biochemistry & NUTR 43700 | 3            | ENGL (20000-49900)                                   |              |
| 3-4          | NUTR 49000 or NUTR 45300 or NUTR 39700 or NUTR 49700 |                           | 1-3          | NUTR 49500 (Spring only) or NUTR 42400 (Fall/Spring) | See myPurdue |
| 3            | *Humanities Core                                     |                           | 3            | NUTR 49600 (Spring only)                             | NUTR 43800   |
| 3            | *Science, Technology, & Society Core                 |                           | 6-7          | Electives                                            |              |
| 0-6          | Electives                                            |                           |              |                                                      |              |
| <b>12-19</b> |                                                      |                           | <b>13-16</b> |                                                      |              |

\*Satisfies a University Core Requirement

**120 semester credits required for Bachelor of Science degree.  
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**

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