## University of Delaware Department of Behavioral Health and Nutrition

## BACHELOR OF SCIENCE: NUTRITION AND DIETETICS 2019-2020

## Enter Fall 2019 - Graduate Spring 2023

##  Minimum Credits to Graduate = 120

Internal transfers must meet the following criteria to change their major to Nutrition and Dietetics: 1) complete CHEM101 (103 or 107), 2) have an overall GPA of 2.5, 3) meet with a BHAN Academic Advisor and 4) submit change of major request on UDSIS.

**University Requirements**

\_\_\_\_\_ ENGL110\* Seminar in Composition (3 credits)

\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_Multicultural Course: (3 credits; can satisfy both multicultural and one breadth requirement simultaneously)

\_\_\_\_\_ First Year Seminar: (FYS; 1-4 credits) UNIV101 fulfills this requirement

\_\_\_\_\_ Discovery Learning Experience: (DLE; 3 credits) NTD460 fulfills this requirement

\_\_\_\_\_ Capstone Experience: NTD403 fulfills this requirement

**University Breadth Requirements**\* Students must take breadth courses from **four different subject areas.** NTDT courses cannot fulfill breadth requirements. Go to [Breadth Requirements](https://catalog.udel.edu/content.php?catoid=29&navoid=3559&hl=breadth&returnto=search) in the catalog for a complete list of courses and restrictions:

\_\_\_\_\_ Creative Arts and Humanities\* (3 credits) \_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ History and Cultural Change\* (3 credits) \_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Social and Behavioral Sciences\* (3 credits) BUAD309, ECON100, ECON101, PSYC100, and/or SOCI201 satisfy this requirement

\_\_\_\_\_ Math, Natural Science and Technology\* (3 credits) ANFS305 satisfies this requirement

**MAJOR REQUIREMENTS** (99 credits)

\_\_\_\_\_ ANFS305\* Food Science (3)

\_\_\_\_\_ BISC205\* Biology for Health Sciences (4)

\_\_\_\_\_ BISC276\* Human Physiology (4)

\_\_\_\_\_ BISC300 Introduction to Microbiology (4) **OR**

 MMSC270 Medical Microbio & Infect. Diseases (4)

\_\_\_\_\_ BUAD309 Organizational Behavior (3)

\_\_\_\_\_ CHEM101 or CHEM103 or 107 General Chem (4)

\_\_\_\_\_ CHEM102\* or CHEM104 or 108General Chem (4)

\_\_\_\_\_ CHEM213\* Elementary Organic Chemistry (3)

\_\_\_\_\_ CHEM215\* Elementary Organic Chemistry Lab (1)

\_\_\_\_\_ CHEM214\* Elementary Biochemistry (3)

\_\_\_\_\_ CHEM216\* Elementary Biochemistry Lab (1)

\_\_\_\_\_ ECON100 Economic Issues & Policies (3) **OR**

 ECON101 Intro to Microeconomics (3)

\_\_\_\_\_ MATH114 College Mathematics & Statistics (3)

\_\_\_\_\_ NTDT103\* Intro to Nutrition Professions (1)

\_\_\_\_\_ NTDT200\* Nutrition Concepts (3)

\_\_\_\_\_ NTDT201\* Food Concepts (3)

\_\_\_\_\_ NTDT250\* Intro to the Nutrition Care Process (3)

\_\_\_\_\_ NTDT305\* Nutrition in the Life Span (3)

\_\_\_\_\_ NTDT321\* Quantity Food Production & Service (3)

\_\_\_\_\_ NTDT322\* Mgmt. of Food & Nutrition Services (3)

\_\_\_\_\_ NTDT326\* On-Site Food Production (3)

\_\_\_\_\_ NTDT330\* Nutrition Counseling (3)

\_\_\_\_\_ NTDT390\* Research Methods in Nutrition (3)

\_\_\_\_\_ NTDT400\* Macronutrients (3)

\_\_\_\_\_ NTDT401\* Micronutrients (3)

\_\_\_\_\_ NTDT403 Senior Nutrition Seminar (1)

\_\_\_\_\_ NTDT421\* Nutritional Assessment Methods (3)

\_\_\_\_\_ NTDT445\* Teaching Methods: Nutrition/Foods (3)

\_\_\_\_\_ NTDT450\* Medical Nutrition Therapy I (3)

\_\_\_\_\_ NTDT451\* Medical Nutrition Therapy II (3)

\_\_\_\_\_ NTDT460\* Community Nutrition (3)

\_\_\_\_\_ PSYC100 General Psychology (3)

\_\_\_\_\_ SOCI201 Introduction to Sociology (3)

\_\_\_\_\_ STAT200 **OR** PSYC209 **OR** STAT408

 Statistics (3)

\_\_\_\_\_ Total of 120 credits required to graduate

Please refer to the [2019-20 Undergraduate Catalog](https://catalog.udel.edu/preview_program.php?catoid=29&poid=20927&hl=nutrition&returnto=search) for a complete listing of program requirements.

See other side for suggested program of study.

\* Grade of C- or better required

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## Suggested Sequence

**The term availability** for courses listed below is projected for 2019-20 academic year. However changes in course availability are possible. Check with your advisor for updated term availability. Pre-requisites (PR, must be taken prior) and co-requisites (CR, must be taken concurrently) listed here are those most commonly taken by students in this major. See catalog for additional PR and CR options.

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| **FRESHMAN YEAR** | **SOPHOMORE YEAR** |
| \_\_\_\_ **CHEM101** or **CHEM103** **or 107** General Chemistry 4 (103 & 107: CR MATH114 OR ≥ 70 on Math Placement Exam) | \_\_\_\_ **ANFS305\*** Food Science (SPRING only) 3\_\_\_\_ **BISC205\*** Biology for Health Sciences 4 |
| \_\_\_\_ **CHEM102\* or CHEM104\*** **or 108\*** General Chemistry 4 (102: PR CHEM101; 104: PR CHEM101, 103 or 107) |  (CR CHEM 101, 103 or 107)\_\_\_\_ **CHEM213\*** Elem. Organic Chemistry 3 |
| \_\_\_\_ **ECON100** or **ECON101** Economics 3 |  (PR CHEM102, 104 or 108) |
| \_\_\_\_ **ENGL110\*** Seminar in Composition 3 | \_\_\_\_ **CHEM215\*** Elem. Organic Chemistry Lab (CR CHEM213) 1 |
| \_\_\_\_ **MATH114** College Mathematics & Statistics 3 | \_\_\_\_ **CHEM214\*** Elem. Biochemistry (PR CHEM213) 3 |
| \_\_\_\_ **NTDT103\*** Intro to Nutrition Professions (FALL only) 1\_\_\_\_ **NTDT200\*** Nutrition Concepts 3 | \_\_\_\_ **CHEM216\*** Elem. Biochemistry Lab (CR CHEM214) 1\_\_\_\_ **NTDT201\*** Food Concepts 3 |
| \_\_\_\_ **SOCI201** Introduction to Sociology 3 | \_\_\_\_ **NTDT250\*** Intro to the Nutrition Care Process 3 |
| \_\_\_\_ **UNIV101** First Year Experience I 1 |  (PR NTDT200)  |
| \_\_\_\_ Breadth or Multicultural or Elective 3 | \_\_\_\_ **PSYC100** General Psychology 3 |
|  28 | \_\_\_\_ **STAT200** or **PSYC209** or **STAT408** Statistics 3\_\_\_\_\_ **NTDT305\*** Nutrition in the Lifespan (PR NTDT200 3 & a course in biology) 30 |
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**JUNIOR YEAR**

\_\_\_\_ **BISC276\*** Human Physiology (PR BISC205, 207 or 208 4

 & CHEM101, 103 or 107)

\_\_\_\_\_ **BISC300** Introduction to Microbiology OR 4

 **MMSC270** Medical Microbiology & Infect. Diseases

 (PR BISC205 or 207 for both)

\_\_\_\_\_ **NTDT321\*** Quality Food Production & Service 3

 (PR NTDT200 & 201)

\_\_\_\_\_ **NTDT322\*** Management of Food & Nutrition Services 3

 (PR NTDT200 & 201)

\_\_\_\_\_ **NTDT326\*** On-Site Food Production (PR/CR NTDT321) 3

\_\_\_\_\_ **NTDT330\*** Nutrition Counseling (PR NTDT200 & 250) 3

\_\_\_\_\_ **NTDT390\*** Research Methods in Nutrition 3

 (PR NTDT250, NTDT305 and STAT200 or equivalent)

\_\_\_\_\_ **NTDT400\*** Macronutrients (PR NTDT200 & CHEM214/216) 3

\_\_\_\_\_ **NTDT401\*** Micronutrients (PR NTDT400) 3

\_\_\_\_\_ **BUAD309** Organizational Behavior 3

 32

**SENIOR YEAR**

\_\_\_\_\_ **NTDT403** Senior Nutrition Seminar 1

 (PR Senior status; FALL only)

\_\_\_\_\_ **NTDT421\*** Nutritional Assessment Methods 3

 (PR NTDT400 & statistics course: SPRING only)

\_\_\_\_\_ **NTDT450\*** Medical Nutrition Therapy I (PR NTDT250, 3

 NTDT400 & BISC275; FALL only)

\_\_\_\_\_ **NTDT451\*** Medical Nutrition Therapy II (PR NTDT250, 3

 NTDT400 & BISC276; SPRING only)

\_\_\_\_\_ **NTDT445\*** Teaching Methods: Nutrition/Foods 3

 (PR NTDT200)

\_\_\_\_\_ **NTDT460\*** Community Nutrition (DLE; PR NTDT321 3

 and NTDT400)

\_\_\_\_\_ Breadth or Multicultural or Elective 3

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\_\_\_\_\_ Breadth or Multicultural or Elective 3

\_\_\_\_\_ Breadth or Multicultural or Elective 2-3

 30

**\_\_\_\_\_ Total of 120 credits minimum required for graduation**

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\* Grade of C- or better required