

# University of Delaware Department of Behavioral Health and Nutrition

## BACHELOR OF SCIENCE: NUTRITIONAL SCIENCES 2015-2016

Enter Fall 2015 - Graduate Spring 2019

Minimum Credits to Graduate: 120

### University Requirements

- \_\_\_\_\_ ENGL110 Critical Reading & Writing\* (3 credits)
- \_\_\_\_\_ \_\_\_\_\_ Multicultural Course (3 credits) NTDT301 will satisfy both this and an NTDT300/400 elective but is not a required course in the curriculum. There are other courses that will satisfy the Multicultural requirement.
- \_\_\_\_\_ First Year Experience (FYE; 1-4 credits) NTDT103 satisfies this requirement
- \_\_\_\_\_ Discovery Learning Experience (DLE; 3 credits) NTDT350 or 460 will satisfy both this and an NTDT300/400 elective but are not required courses in the curriculum. Other courses including Study Abroad satisfy the DLE requirement.

### University Breadth Requirements \* (students must take breadth courses from **four different subject areas**)

Go to [www.academiccatalog.udel.edu](http://www.academiccatalog.udel.edu) for a complete list of breadth courses and restrictions:

- \_\_\_\_\_ Creative Arts and Humanities\* (3 credits) \_\_\_\_\_
- \_\_\_\_\_ History and Cultural Change\* (3 credits) \_\_\_\_\_
- \_\_\_\_\_ Social and Behavioral Sciences\* (3 credits) ECON100 or ECON151 satisfy this requirement
- \_\_\_\_\_ Math, Natural Science and Technology \*(3 credits) ANFS305 will satisfy this requirement if grade earned is C- or better

### MAJOR REQUIREMENTS (92-93 credits)

_____ ANFS305 Food Science * (3)	_____ NTDT200 Nutrition Concepts * (3)
_____ BISC207 Introductory Biology I (4)	_____ NTDT201 Food Concepts * (3)
_____ BISC208 Introductory Biology II (4)	_____ NTDTXXX 300-699 Elective * (3)
_____ BISC276 Human Physiology * (4)	_____ NTDTXXX 300-699 Elective * (3)
_____ BISC300 Introduction to Microbiology (4)	_____ NTDTXXX 300-699 Elective * (3)
_____ CHEM103 or CHEM107+ General Chemistry (4)	_____ NTDTXXX 300-699 Elective * (3)
_____ CHEM104 or CHEM108+ General Chemistry (4)	_____ NTDT305 Nutrition in the Life Span* (3)
_____ CHEM214 Elementary Biochemistry* (3)	_____ NTDT400 Macronutrients * (3)
_____ CHEM216 Elementary Biochemistry Lab* (1)	_____ NTDT401 Micronutrients * (3)
_____ CHEM321 Organic Chemistry (4)	_____ NTDT421 Nutritional Assessment Methods * (3)
_____ CHEM322 Organic Chemistry (4)	_____ PHYS201 Introductory Physics I (4)
_____ ECON100 Economic Issues & Policies or	_____ Social Science Elective (3) **
_____ ECON101 Intro to Microeconomics (3)	_____ Social Science Elective (3) **
_____ MATH221 Calculus I or MATH241 Analytic Geometry	_____ Social Science Elective (3) **
_____ and Calculus AB (3 or 4)	_____ STAT408 Statistical Research Methods (3)
_____ NTDT103 Intro to Nutrition Professions (1)	_____ Total of 120 Credits Required to Graduate

*See other side for suggested Program of Study*

Please refer to the course catalog at [http://academiccatalog.udel.edu/Pub\\_ShowCatalogPage.aspx?CATKEY=KEY\\_1361&ACYEAR=2015-2016](http://academiccatalog.udel.edu/Pub_ShowCatalogPage.aspx?CATKEY=KEY_1361&ACYEAR=2015-2016) for a complete listing of program requirements.

\* Grade of C- or better required

+ Integrated versions of CHEM103 and 104 are being renumbered as CHEM107 and CHEM108, respectively, starting in Fall 2015

\*\* **Social Science Electives** - courses from the following departments: Anthropology, Black American Studies, Business Administration, Criminal Justice, Economics (including FREC150), History, Human Development and Family Studies (HDFS201, 221, 230, 329, 401, 403, 405), Political Science, Psychology (except 209 and 314), Sociology, Women's Studies (WOMS 201, 202, 206, 207, 211, 212, 213, 233, 240, 291, 298, 299, 300, 305, 323, 333, 350, 363, 407, 413, 415, 430, 436, 460, 484, 498)

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### Suggested Sequence

Consult with your advisor each semester for course selection and scheduling advisement

#### FRESHMAN YEAR

<i>Fall (≈ 15-16 credits)</i>	
___ BISC207 Introductory Biology I (PR or CR CHEM 101, 103, 105 or 111)	4
___ CHEM103 or 107 General Chem (CR MATH114 or higher)	4
___ MATH221 Calculus I (PR MATH 115 or Level V MPT) OR MATH241 Analytic Geometry & Calculus A (PR MATH 117 or Level VI MPT)	3-4
___ NTDT103 Intro to Nutrition Professions (Fall only)	1
___ NTDT200 Nutrition Concepts*	3
<i>Spring (≈ 14-15 credits)</i>	
___ BISC208 Introductory Biology II (PR BISC207; CR CHEM102, 104, 106 or 112)	4
___ CHEM104 or 108 Gen Chem (PR CHEM103, 105 or 107)	4
___ ENGL110 Critical Reading and Writing*	3
___ Breadth or Multicultural or Elective **	3-4
	29-31

#### SOPHOMORE YEAR

<i>Fall (≈ 14-16 credits)</i>	
___ CHEM321 Organic Chem (Fall only; PR CHEM104 or 108)	4
<i>Spring (≈ 15-16 credits)</i>	
___ ANFS305 Food Science (Spring only)	3
___ CHEM214 Elem. Biochemistry* (PR CHEM321)	3
___ CHEM216 Elem. Biochemistry Lab* (CR CHEM214)	1
___ CHEM322 Organic Chemistry (Spring only; PR CHEM321)	4
<i>Either Fall or Spring</i>	
___ BISC276 Human Physiology* (PR BISC207 or 208 and CHEM101, 103, 105 or 107)	4
___ NTDT201 Food Concepts*	3
___ Breadth or Multicultural or Elective **	3
___ Breadth or Multicultural or Elective **	3
___ Breadth or Multicultural or Elective **	2-4
	30-32

#### JUNIOR YEAR

<i>Fall (≈ 15 credits)</i>	
___ STAT408 Statistical Research Methods	3
___ NTDT400 Macronutrients* (PR NTDT200, CHEM214 & 216)	3
___ PHYS201 General Physics (PR MATH 115, 117, 221 or 241)	4
<i>Spring (≈ 15 credits)</i>	
___ NTDT401 Micronutrients* (PR NTDT400)	3
<i>Either Fall or Spring</i>	
___ BISC300 Introduction to Microbiology (PR BISC207)	4
___ ECON100 Economic Issues & Policies or ECON101 Intro to Microeconomics	3
___ NTDT305 Nutrition in the Lifespan* (PR NTDT200 and a biology course)	3
___ NTDT300/400 Elective*	3
___ Social Science Elective	3
	29

#### SENIOR YEAR

<i>Fall (≈ 15 credits for both Fall and Spring)</i>	
___ NTDT421 Nutritional Assessment Methods* (Fall only; PR NTDT400 and a stat course)	3
<i>Either Fall or Spring</i>	
___ Discovery Learning Experience (DLE)**	3
___ NTDT300/400 Elective*	3
___ NTDT300/400 Elective*	3
___ NTDT300/400 Elective*	3
___ NTDT300/400 Elective*	3
___ Social Science Elective	3
___ Social Science Elective	3
___ Breadth or Multicultural or Elective **	4
___ Breadth or Multicultural or Elective **	3
	31

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

The following graduation requirements are satisfied by courses in the curriculum: FYE (NTDT103) and University Breadth Requirements for Social & Behavioral Sciences (ECON100 or ECON151) and Math, Natural Science and Technology (ANFS305, BISC207, CHEM103, CHEM104, FREC408, MATH221, MATH241, PHYS201). ). C- or better required if used to satisfy Breadth Requirement or as indicated above.

PR - Pre-requisite; CR - Co-requisite

\* Grade of C- or better required