

University of Delaware Department of Behavioral Health and Nutrition

BACHELOR OF SCIENCE: NUTRITIONAL SCIENCES 2017-2018

Enter Fall 2017 - Graduate Spring 2021

Minimum Credits to Graduate: 120

University Requirements

- _____ ENGL110 Seminar in Composition* (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) UNIV101 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**. NTDT courses cannot fulfill breadth requirements. Go to <http://sites.udel.edu/bhan/breadth-requirements1718/> 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 ECON101 satisfy this requirement
- _____ Math, Natural Science and Technology* (3 credits) ANFS305 will satisfy this requirement if grade earned is C- or better

MAJOR REQUIREMENTS (96-97 credits)

_____ ANFS305	Food Science* (3)	_____ NTDT200	Nutrition Concepts* (3)
_____ BISC207	Introductory Biology I (4)	_____ NTDT201	Food Concepts* (3)
_____ BISC208	Introductory Biology II (4)	_____ NTDT250	Intro to the Nutrition Care Process* (3)
_____ BISC276	Human Physiology* (4)	_____ NTDTXXX	Elective 300-level or higher* (3)
_____ BISC300	Introduction to Microbiology (4)	_____ NTDTXXX	Elective 300-level or higher* (3)
_____ CHEM103	or CHEM107** General Chemistry (4)	_____ NTDTXXX	Elective 300-level or higher* (3)
_____ CHEM104	or CHEM108** General Chemistry (4)	_____ NTDTXXX	Elective 300-level or higher* (3)
_____ CHEM214	Elementary Biochemistry* (3)	_____ NTDT305	Nutrition in the Life Span* (3)
_____ CHEM216	Elementary Biochemistry Lab* (1)	_____ NTDT400	Macronutrients* (3)
_____ CHEM321	Organic Chemistry I (3)	_____ NTDT401	Micronutrients* (3)
_____ CHEM325	Organic Chemistry Lab I (1)	_____ NTDT403	Senior Nutrition Seminar (1)
_____ CHEM322	Organic Chemistry II (3)	_____ NTDT421	Nutritional Assessment Methods* (3)
_____ CHEM326	Organic Chemistry Lab II (1)	_____ PHYS201	Introductory Physics I (4)
_____ ECON100	Economic Issues & Policies OR	_____ _____	Social and Behavioral Science Elective (3)
_____ ECON101	Intro to Microeconomics (3)	_____ _____	Social and Behavioral Science Elective (3)
_____ MATH221	Calculus I (3) OR	_____ _____	Social and Behavioral Science Elective (3)
_____ MATH241	Analytic Geometry & Calculus AB (4)	_____ _____	STAT200 Basic Statistical Practice (3) OR
_____ NTDT103	Intro to Nutrition Professions (1)	_____ _____	STAT/APEC408 Statistical Research Methods (3)
		_____ _____	Total of 120 Credits Required to Graduate

Please refer to the 2017-18 course catalog at
http://catalog.udel.edu/preview_program.php?catoid=11&pooid=5232&returnto=413
for a complete listing of program requirements.

Please refer to other side for suggested program of study.

* Grade of C- or better required

** Integrated versions of CHEM103 and 104 have been renumbered as CHEM107 and CHEM108, respectively.

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Suggested Sequence

The term availability for courses listed below is correct for the 2017-18 academic year. However, changes in course availability are possible. Check with your advisor for updated term availability. Prerequisites (PR) and corequisites (CR) listed here are those most commonly taken by students in this major. See catalog for additional PR and CR options.

FRESHMAN YEAR

_____	BISC207 Introductory Biology I (CR CHEM103 or 107)	4
_____	BISC208 Introductory Biology II* (PR BISC207 or 205; CHEM104 or 108)	4
_____	CHEM103 or 107 General Chemistry (CR MATH114 OR ≥ 70 on Math Placement Exam)	4
_____	CHEM104 or 108 Gen Chem (104: PR CHEM103 or 107, 108: PR CHEM107 & BISC207, CR BISC208)	4
_____	ENGL110 Seminar in Composition*	3
_____	MATH221 Calculus I (PR MATH115 or 117 or Level B on MPE) OR MATH241 Analytic Geometry & Calculus A (PR MATH 117 or Level E on MPE)	3-4
_____	NTDT103 Intro to Nutrition Professions (FALL only)	1
_____	NTDT200 Nutrition Concepts*	3
_____	UNIV101 First Year Experience I	1
_____	Breadth or Multicultural or Elective	3
		30-31

SOPHOMORE YEAR

_____	ANFS305 Food Science* (SPRING only)	3
_____	CHEM321 Organic Chem I (PR CHEM104 or 108; CR CHEM325; FALL only)	3
_____	CHEM325 Organic Chem Lab I (PR CHEM104 or 108; CR CHEM321; FALL only)	1
_____	CHEM214 Elem. Biochemistry* (PR CHEM 213)	3
_____	CHEM216 Elem. Biochemistry Lab* (CR CHEM 214)	1
_____	CHEM322 Organic Chem II (PR CHEM321; CR CHEM326; SPRING only)	3
_____	CHEM326 Organic Chem Lab II (PR CHEM325; CR CHEM322; SPRING only)	1
_____	NTDT201 Food Concepts*	3
_____	NTDT250 Intro to the Nutrition Care Process* (PR NTDT200)	3
_____	Breadth or Multicultural or Elective	3
_____	Breadth or Multicultural or Elective	3
_____	Social and Behavioral Science Elective	3
		30

JUNIOR YEAR

_____	BISC276 Human Physiology* (PR BISC205, 207 or 208 & CHEM101, 103 or 107; FALL only)	4
_____	BISC300 Introduction to Microbiology (PR BISC205 or 207)	4
_____	ECON100 Economic Issues& Policies or ECON101 Intro to Microeconomics	3
_____	NTDT Elective 300-level or higher*	3
_____	NTDT305 Nutrition in the Lifespan* (PR NTDT200 and a biology course)	3
_____	NTDT400 Macronutrients* (PR NTDT200 & CHEM214 & 216)	3
_____	NTDT401 Micronutrients* (PR NTDT400)	3
_____	PHYS201 Introductory Physics I (PR MATH 115, 117, 221 or 241)	4
_____	STAT200 Basic Statistical Practice or STAT/APEC408 Statistical Research Methods	3
		30

SENIOR YEAR

_____	Discovery Learning Experience (DLE)**	3
_____	NTDT Elective 300-level or higher*	3
_____	NTDT Elective 300-level or higher*	3
_____	NTDT Elective 300-level or higher*	3
_____	NTDT403 Senior Nutrition Seminar (PR Senior; FALL only)	1
_____	NTDT421 Nutritional Assessment Methods* (PR NTDT400 & a statistics course; FALL only)	3
_____	Social and Behavioral Science Elective	3
_____	Social and Behavioral Science Elective	3
_____	Breadth or Multicultural or Elective	3
_____	Breadth or Multicultural or Elective	3
_____	Breadth or Multicultural or Elective	3
		31

_____ **Total of 120 credits minimum required for graduation**

* Grade of C- or better required