## University of Delaware Department of Behavioral Health and Nutrition

## BACHELOR OF SCIENCE: DOUBLE MAJOR IN DIETETICS &

## NUTRITIONAL SCIENCES 2013-2014

## Enter Fall 2013 - Graduate Spring 2017

##  Minimum Credits to Graduate = 120

**UNIVERSITY REQUIREMENTS**

\_\_\_\_\_ **ENGL110** Critical Reading & Writing\* (3 credits)

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

\_\_\_\_\_ First Year Experience (FYE; 1-4 credits) NTDT103 fulfills this requirement

\_\_\_\_\_ Discovery Learning Experience (DLE; 3 credits) NTD460 fulfills this 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) BUAD309, ECON100, ECON151, PSYC100 & SOCI201satisfy this requirement

\_\_\_\_\_ Math, Natural Science and Technology \*(3 credits) ANFS305 satisfies this requirement if grade earned is C- or better

**MAJOR REQUIREMENTS** (112-113 credits)

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

\_\_\_\_\_ BISC207 Introductory Biology I (4)

\_\_\_\_\_ BISC208 Introductory Biology I (4)

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

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

\_\_\_\_\_ BUAD309 Management & Organizational

 Behavior (3)

\_\_\_\_\_ CHEM103 General Chemistry (4)

\_\_\_\_\_ CHEM104 General Chemistry (4)

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

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

\_\_\_\_\_ CHEM220 Quantitative Analysis Chemistry (3)

\_\_\_\_\_ CHEM221 Quantitative Analysis Chemistry Lab (1)

\_\_\_\_\_ CHEM321 Organic Chemistry (4)

\_\_\_\_\_ CHEM322 Organic Chemistry (4)

\_\_\_\_\_ ECON100 or ECON151 Economics (3)

\_\_\_\_\_ FREC408 Statistical Research Methods (3)

\_\_\_\_\_ MATH221 or MATH241 Calculus I (3) or Analytic

 Geometry and Calculus A (4)

\_\_\_\_\_ 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)

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

\_\_\_\_\_ NTDT401 Micronutrient s\* (3)

\_\_\_\_\_ NTDT403 Dietetics 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)

\_\_\_\_\_ PHYS201 Introductory Physics I (4)

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

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

**ELECTIVES** - in addition to required courses completed, sufficient elective credits must be taken to meet the

minimum credits required for the degree (120).

*Please refer to other side for suggested Program of Study*

*and additional course information*

\* Grade of C- or better required

## University of Delaware Department of Behavioral Health and Nutrition

## BACHELOR OF SCIENCE: DOUBLE MAJOR IN DIETETICS

## AND NUTRITIONAL SCIENCES 2013-2014

## Enter Fall 2013 - Graduate Spring 2017/ Minimum Credits to Graduate = 120

Suggested Program of Study

Consult with your advisor for possible alternative sequencing

 **FRESHMAN YEAR**

***Fall (≈ 15-16 credits)***

\_\_\_\_ **BISC207** Introductory Biology 4

\_\_\_\_ **CHEM103** General Chemistry (CR MATH114 or higher) 4

\_\_\_\_ **MATH221 or 241**Calculus I or Analytic Geometry 3/4

 and Calculus A

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

\_\_\_\_ **NTDT200** Nutrition Concepts\* 3

***Spring (≈ 14 credits)***

\_\_\_\_ **BISC208** Introductory Biology I\* (PR or CR CHEM) 4

\_\_\_\_ **CHEM104** General Chemistry 4

 (PR CHEM103)

\_\_\_\_ **ENGL110** Critical Reading and Writing\* 3

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

 29-30

 **SOPHOMORE YEAR**

***Fall (≈ 14-17 credits)***

\_\_\_\_ **CHEM220** Quant Analysis (Fall only; PR CHEM102 or104) 3

\_\_\_\_ **CHEM221** Quant Analysis Lab (Fall only; CR CHEM213) 1

\_\_\_\_ **CHEM321** Organic Chemistry (Fall only; (CR CHEM104) 4

***Spring (≈ 15-18 credits)***

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

\_\_\_\_ **CHEM214** Elem. Biochemistry\* (PR CHEM 213) 3

\_\_\_\_ **CHEM216** Elem. Biochemistry Lab\* (CR CHEM 214) 1

\_\_\_\_ **CHEM322** Organic Chem (Spring only; PR CHEM 321) 4

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

 (Spring only; PR NTDT200)

***Either Fall or Spring***

\_\_\_\_ **BISC276** Human Physiology\* (PR BISC207) 4

\_\_\_\_ **NTDT201** Food Concepts\* 3

\_\_\_\_ **PSYC100** General Psychology\* 3

 32

 **JUNIOR YEAR**

***Fall (≈ 16 credits)***

\_\_\_\_ **NTDT321** Quantity Food Production 3

 & Service\* (Fall only; PR NTDT200 & 201)

\_\_\_\_ **NTDT326** On-Site Food Production\* (Fall only; 3

 (CR NTDT321)

\_\_\_\_ **NTDT400** Macronutrients\* (PR NTDT200, 3

 CHEM214 & CHEM216)

***Spring (≈ 16 credits)***

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

 Services\* (Spring only; PR NTDT200 & 201)

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

***Either Fall or Spring***

\_\_\_\_ **FREC408** Statistical Research Meth (C/L STAT408) 3

\_\_\_\_ **BISC300** Introduction to Microbiology (PR BISC207) 4

\_\_\_\_ **ECON100 OR 151** Economics 3

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

\_\_\_\_ **PHYS201** Intro Physics I (PR MATH115, 4

 MATH117, MATH221 or MATH241) \_

32

 **SENIOR YEAR**

***Fall (≈ 13 credits)***

\_\_\_\_ **NTDT403** Dietetics Seminar\* (Fall only; PR Senior) 1

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

 (Fall only; PR STAT200 and NTDT400)

\_\_\_\_ **NTDT450** Medical Nutrition Therapy I\* (Fall only; 3

 PR BISC276, NTDT250 and 400)

***Spring (≈ 15 credits)***

\_\_\_\_ **NTDT451** Medical Nutrition Therapy II\* (Spring only; 3

 PR BISC276, NTDT250 and 400)

***Either Fall or Spring***

\_\_\_\_ **BUAD309** Management & Org.. Behavior 3

\_\_\_\_ **NTDT 305** Nutrition in the Lifespan\* (PR NTDT200 3

 and a biology course)

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

 & Foods\* (PR NTDT200)

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

 and NTDT400)

\_\_\_\_ **SOCI201** Introduction to Sociology\*\* 3

\_\_\_\_ Breadth or Multicultural or Elective\*\* 3 28

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

**\*\*BREADTH OR MULTICULTURAL OR ELECTIVE (from above) MUST INCLUDE:** (for a listing of courses - [www.academiccatalog.udel.edu](http://www.academiccatalog.udel.edu))

\_\_\_ Multicultural Course (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (can satisfy both multicultural and one breadth requirement simultaneously)

\_\_\_ Creative Arts & Humanities Breadth (3)\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_ History & Cultural Change Breadth (3)\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

The following graduation requirements are satisfied by courses in the curriculum: FYE (NTDT103), DLE (NTDT460) and University Breadth Requirements for Social & Behavioral Sciences (BUAD309, ECON100, ECON151, PSYC100, SOCI201) and Math, Natural Science and Technology (ANFS305, BISC207, CHEM101, CHEM102, CHEM103, CHEM104, STAT200). C- or better required if used to satisfy Breadth Requirement or as indicated above.

Please refer to the course catalog <http://academiccatalog.udel.edu/Pub_ShowCatalogPage.aspx?CATKEY=CATKEY_1359&ACYEAR=2012-2013> for a complete listing of program requirements. Only two credits of BHAN120, four credits of Music and four credits of 100 and 200 level courses in Military Science/Air Force may be counted toward the degree.

PR - Pre-requisite; CR - Co-requisite; C/L - Cross-Listed

\* Grade of C- or better required