

UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Sandy Baker phone number x0856

Department: Health, Nutrition & Exercise Sciences email address bakers@udel.edu

Action: revise major
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term 09F
(use format 04F, 05W)

Current degree BS
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: _____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: _____
Proposed new name for revised or new major / minor / concentration / academic unit
(if applicable)

Revising or Deleting:

Undergraduate major / Concentration: major in Nutritional Sciences
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: _____
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change: _____
(Must attach your Graduate Program Policy Statement)

Graduate Program of Study: _____
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: _____

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None") NONE

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education:
<http://www.ugs.udel.edu/gened/> N/A

Identify other units affected by the proposed changes:
(Attach permission from the affected units. If no other unit is affected, enter "None") NONE

Describe the rationale for the proposed program change(s):
(Explain your reasons for creating, revising, or deleting the curriculum or program.)

The proposed change is to require only one semester of calculus, rather than two. Rationale: a second semester of calculus is not required as a prerequisite for any other required course in the major. The current major requirements for Nutritional Sciences are difficult to complete in four years. Eliminating a second semester of calculus will improve the feasibility of completing the degree in four years.

Program Requirements:
(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and

after the proposed change.)

Nutritional Sciences Current 2008/9 Catalog

MAJOR: NUTRITIONAL SCIENCES

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (minimum grade C-)	3
First Year Experience (see page 68)	0-4
Discovery Learning Experience (see page 68)	3
Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 69-71)	3

MAJOR REQUIREMENTS (minimum grade of C- required in BISC 276, CHEM 214, and CHEM 216)

Humanities Electives	6
CHEM 103/104 General Chemistry	8
CHEM 214/216 Elementary Biochemistry with Lab	4
CHEM 220/221 Quantitative Analysis I with Lab	4
CHEM 321/322 Organic Chemistry	8
BISC 207/208 Introductory Biology I and II	8
BISC 276 Human Physiology	4
BISC 300 Introduction to Microbiology	4
PHYS 201 Introductory Physics	4
ECON 100 Economic Issues and Policies	
or	
ECON 151 Introduction to Microeconomics: Prices and Markets	3
Social Science Electives	9
FOSC 305 Food Science (minimum grade C-)	3
FREC 408 Research Methods	3
MATH 221/222 Calculus I and II	
or	
MATH 241/242 Analytic Geometry and Calculus A and B	6-8

A minimum grade of C- must be achieved for credits to count toward the fulfillment of 30 credits in NTDT; a minimum grade of C- in 200-level courses must be achieved to proceed to upper-level courses; only 300-level courses and a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward the fulfillment of this requirement.

NTDT 103 Introduction to Nutrition Professions	1
NTDT 200 Nutrition Concepts	3
NTDT 201 Food Concepts	3
NTDT 400 Macronutrients	3
NTDT 401 Micronutrients	3
NTDT 421 Nutrition Assessment Methods	3
NTDT Course (300 level or higher)	12
One of the following NTDT Restricted Electives (minimum grade of C-)	3
NTDT 305 Nutrition in the Life Span	
NTDT 350 Nutrition and Older Adults	
NTDT 420 Maternal and Infant Nutrition	

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.
May include Military Science, Music, or HESC 120 lifetime activity courses.. (Only two credits of HESC 120, four credits of Music , and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)
CREDITS TO TOTAL A MINIMUM OF 120

OPTIONAL CONCENTRATIONS

No changes.

Nutritional Sciences Proposed Change

MAJOR: NUTRITIONAL SCIENCES

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (minimum grade C-)	3
First Year Experience (see page 68)	0-4
Discovery Learning Experience (see page 68)	3
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MAJOR REQUIREMENTS (minimum grade of C- required in BISC 276, CHEM 214, and CHEM 216)

Humanities Electives	6
CHEM 103/104 General Chemistry	8
CHEM 214/216 Elementary Biochemistry with Lab	4
CHEM 220/221 Quantitative Analysis I with Lab	4
CHEM 321/322 Organic Chemistry	8
BISC 207/208 Introductory Biology I and II	8
BISC 276 Human Physiology	4
BISC 300 Introduction to Microbiology	4
PHYS 201 Introductory Physics	4
ECON 100 Economic Issues and Policies	
or	
ECON 151 Introduction to Microeconomics: Prices and Markets	3
Social Science Electives	9
FOSC 305 Food Science (minimum grade C-)	3
FREC 408 Research Methods	3
MATH 221 or 222 (Calculus I or II)	
or	

UNIVERSITY FACULTY SENATE FORMS

MATH 241 or 242 (Analytic Geometry and Calculus A or B) 3-4

A minimum grade of C- must be achieved for credits to count toward the fulfillment of 30 credits in NTDT; a minimum grade of C- in 200-level courses must be achieved to proceed to upper-level courses; only 300-level courses and a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward the fulfillment of this requirement.

NTDT 103 Introduction to Nutrition Professions	1
NTDT200NutritionConcepts	3
NTDT201 FoodConcepts	3
NTDT400Macronutrients	3
NTDT401 Micronutrients	3
NTDT 421 Nutrition Assessment Methods.	3
NTDTcourse(300levelor higher).	12
One of the following NTDT Restricted Electives (minimum grade of C-)	3
NTDT 305 Nutrition in the LifeSpan	
NTDT 350 Nutrition and Older Adults	
NTDT 420 Maternal and Infant Nutrition	

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.
May include Military Science, Music, or HESC 120 lifetime activity courses.. (Only two credits of HESC 120, four credits of Music , and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

CREDITS TO TOTAL A MINIMUM OF 120

OPTIONAL CONCENTRATIONS

No changes.

ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson _____ Date _____

Dean of College _____ Date _____

Chairperson, College Curriculum Committee _____ Date _____

Chairperson, Senate Com. on UG or GR Studies _____ Date _____

Chairperson, Senate Coordinating Com. _____ Date _____

Secretary, Faculty Senate _____ Date _____

Date of Senate Resolution _____ Date to be Effective _____

Registrar _____ Program Code _____ Date _____

Vice Provost for Academic Affairs & International Programs _____ Date _____

Provost _____ Date _____

Board of Trustee Notification _____ Date _____

Revised 10/23/2007 /khs