

## DOCUMENTS OF THE GENERAL FACULTY

**PROPOSED CHANGES TO THE BS IN NUTRITION DEGREE PROGRAM IN THE COLLEGE OF NATURAL SCIENCES CHAPTER IN THE *UNDERGRADUATE CATALOG 2016-2018***

Dean Linda A. Hicke in the College of Natural Sciences has filed with the secretary of the Faculty Council the following changes to the BS in Nutrition in the College of Natural Sciences chapter in the *Undergraduate Catalog, 2016-2018*. On January 30, 2015, the faculty representatives from department approved the changes and on April 8, 2015 the college curriculum committee approved them. On September 28, 2015, Associate Dean David Vanden Bout approved it on behalf of the dean. The secretary has classified this proposal as legislation of *exclusive* interest to a single college or school.

The Committee on Undergraduate Degree Program Review recommended approval of the changes on October 18, 2015, and forwarded them to the Office of the General Faculty. The Faculty Council has the authority to approve this legislation on behalf of the General Faculty. The authority to grant final approval on this legislation resides with UT System.

If no objection is filed with the Office of the General Faculty by the date specified below, the legislation will be held to have been approved by the Faculty Council. If an objection is filed within the prescribed period, the legislation will be presented to the Faculty Council at its next meeting. The objection, with reasons, must be signed by a member of the Faculty Council.

To be counted, a protest must be received in the Office of the General Faculty by December 4, 2015.



Hillary Hart, Secretary  
General Faculty and Faculty Council



8. Reduce social science requirement to three hours (from six).

**Rationale:** The total was reduced due to the addition of NTR 343 as a requirement.

**3. THIS PROPOSAL INVOLVES (Please check all that apply)**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Courses in other colleges                               | <input type="checkbox"/> Courses in proposer's college that are frequently taken by students in other colleges                                 | <input type="checkbox"/> Flags   |
| <input type="checkbox"/> Course in the core curriculum                           | <input checked="" type="checkbox"/> Change in course sequencing for an existing program  | <input checked="" type="checkbox"/> Courses that have to be added to the inventory: NTR 343 is being added to inventory to replace the course number 365, Topic 1. Since the course will be required for all NTR majors, the department wants a stand-alone course number. |
| <input type="checkbox"/> Change in admission requirements (external or internal) | <input type="checkbox"/> Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office) | <input type="checkbox"/> Other:  |

**4. SCOPE OF PROPOSED CHANGE**

- a. Does this proposal impact other colleges/schools? Yes  No   
If yes, then how? Option VI, International Nutrition, will reduce its requirement from six hours to three hours chosen from: GRG 339K, 357; MAS 307, 318; and SOC 335, 354K.
- b. Do you anticipate a net change in the number of students in your college? Yes  No   
If yes, how many more (or fewer) students do you expect?
- c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes  No   
If yes, please indicate the number of students and/or class seats involved.
- d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes  No   
If yes, please indicate the number of students and/or class seats involved. The international nutrition option averages less than three graduates per academic year. At most, one of the following classes may lose one enrollment per academic year: GRG 339K, 357; MAS 307, 318; and SOC 335, 354K. The reduction in enrollment is insignificant.

**If 4 a, b, c, or d was answered with yes, please answer the following questions. If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.**

How many students do you expect to be impacted?

Impacted schools must be contacted and their response(s) included:

Person communicated with:

Date of communication:

Response:

- e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain: No

**If yes, undergraduate studies must be informed of the proposed changes and their response included:**

Person communicated with:

Date of communication:

Response:

- f. Will this proposal change the number of hours required for degree completion? If yes, explain: **No**

## 5. COLLEGE/SCHOOL APPROVAL PROCESS

Department approval date: January 30, 2015

College approval date: April 8, 2015

Dean approval date: September 28, 2015, David Vanden Bout, Associate Dean

## PROPOSED NEW CATALOG TEXT:

### BACHELOR OF SCIENCE IN NUTRITION

Nutrition is an integrative science with the overall objective of improving the health and well-being of individuals and groups. Nutritional inquiry encompasses not only the roles of electrons, atoms, molecules, genes, cells, organs, and complex organisms in biological life processes but also the links between life science and health, behavior, education, population, culture, and economics. The Bachelor of Science in Nutrition degree program includes six options, described below.

For students pursuing careers in dietetics, courses in behavioral and clinical nutrition and food systems management provide the academic preparation required for dietetics practice. The Didactic Program in Dietetics (DPD) meets the coursework requirements that qualify graduates to apply to a dietetic internship, which leads to the Registered Dietitian credential. Completion of the Didactic Program in Dietetics requirements qualifies a graduate to apply for the exam to become a Dietetic Technician, Registered. To be eligible to apply for a dietetic internship or to practice as a Registered Dietetic Technician, additional coursework would be required for students earning a degree in Options II-VI. The Coordinated Program in Dietetics (CPD) includes both the coursework and the supervised practice necessary to be eligible to write the examination to become a registered dietitian. The DPD and CPD are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND)[~~Commission on Accreditation of Dietetics Education~~] of the Academy of Nutrition and Dietetics (AND) [~~American Dietetic Association (ADA)~~], 120 S. Riverside Plaza, Suite 2000, Chicago IL 60606, (800) 877-1600.

The nutritional sciences option requires courses in science and research in order to prepare students for graduate study or professional school. Graduates may seek employment in private or publicly funded research programs or, upon completion of graduate study, may engage in college or university teaching or nutrition research. This option also allows students to fulfill requirements for postgraduate study in medicine, dentistry, and other health professions. Additional coursework is needed to be eligible to apply for a dietetic internship or to practice as a Dietetic Technician, Registered.

The nutrition and public health option III is designed to prepare students for entry-level positions in public health and nutrition at state and other health departments, in research, and in industry. It will equip them for entry into graduate programs in nutrition or other public health disciplines at schools of public health, at graduate schools in the biomedical sciences, and for entry into medical or other health professional schools as well as for those who pursue health and research careers.

Students who plan to follow option IV must be admitted into the Honors in Advanced Nutritional Sciences Program. Students in this option take honors courses in nutrition, research methodology, and writing. In addition, students are encouraged to take honors courses in disciplines outside of nutrition, such as biology, chemistry, and mathematics. Students consult with the departmental honors adviser to develop an individualized and challenging program of study that meets their goals and interests.

Students who plan to follow option V must be admitted to the Dean's Scholars Honors Program. In addition to taking a core of research, writing, and seminar courses in the College of Natural Sciences, students in this option consult with the departmental honors adviser to develop a coherent individual program of rigorous and challenging courses from across the University.

Students in the international nutrition option gain firsthand knowledge of nutrition issues in other countries through a study abroad experience. Students combine the study of nutrition with a broad range of courses to prepare for experience studying and practicing nutrition in another culture.

### **Prescribed Work Common to All Options**

{no changes}

### **Additional Prescribed Work for Each Option**

#### **Option I: Dietetics**

Students in dietetics may select either the Didactic Program in Dietetics (DPD) or the Coordinated Program in Dietetics (CPD). Students who complete the DPD with at least four upper-division nutrition courses completed in residence will receive a verification statement that qualifies them to apply for an accredited supervised practice program [~~dietetic internship~~]. DPD graduates who complete an accredited supervised practice program [~~dietetic internship~~] may become active members of the Academy of Nutrition and Dietetics (AND) [~~Dietetic Association (ADA)~~] and are eligible to write the examination to become a registered dietitian.

Students interested in the Coordinated Program in Dietetics must apply for admission after completing sixty semester hours of prerequisite coursework. Upon completing the CPD, which includes approximately twelve hundred hours of supervised practice, graduates immediately qualify for active membership in the AND [~~ADA~~] and to write the examination to become a registered dietitian.

Students who are admitted to the CPD should consult the faculty adviser each semester regarding order and choice of work. During the fourth year, the following courses must be taken in the indicated term: *fall semester*: Nutrition 245C; *spring semester*: Nutrition ~~345M~~, 372C, 372F, 373S; *summer session*: Nutrition 374C and 374P. Because these courses are taught only once a year, a student who does not take them at the indicated time may be unable to complete the program.

4. At least three semester hours chosen from Psychology 301, Sociology 302, Anthropology 302, Economics 304K, 304L, and Human Development and Family Sciences 313 or 313H and 113L.
5. Mathematics 408C, 408N, or Statistics and Data Sciences 332.
6. Three semester hours of statistics chosen from Statistics and Data Sciences 302, 304, 306, 325H, and 328M.
7. Chemistry 301 or 301H, 302 or 302H, 204, 320M, and Biochemistry 369.
8. Biology 311C or 315H, 325 or 325H, and 365S.
9. Accounting 310F or 311.
10. The following core nutrition coursework:
  - a. Nutrition 312 or 312H, 112L or 312R, 326, and 126L; students who complete Nutrition 312H and 312R or Biology 315H and 325H are exempt from Nutrition 326 and 126L; students must complete each course with a grade of at least C- before progressing to other upper-division nutrition courses.
  - b. Nutrition 307, 107L, 338W or 338H, 342, and 343 or [~~and~~] 365 (Topic 1: *Vitamins and Minerals*); [~~Topic 2: Nutrition and Genes; or Topic 4: Obesity and Metabolic Health~~]; ~~students in the CPD must complete Nutrition 370 or 371 instead of 365.~~
11. Coursework in nutrition, consisting of the following:
  - a. Behavioral and clinical nutrition:
    - i. CPD: Nutrition 315, 218, 118L, 330, 332, 370, and 371.
    - ii. DPD: Nutrition 315, 218, 118L, 330, 332, 370, 371, and either Nutrition 337 or 365 (~~[Topic 1: Vitamins and Minerals];~~ Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*). [~~The same topic in Nutrition 365 may not count toward both requirement 10b and requirement 11a.ii.~~]
  - b. Food systems management: Nutrition 334, 234L, and 355M.

- c. Research:
    - i. CPD: Nutrition 373S.
    - ii. DPD: One of the following: Nutrition 324 and 124L, 353, 355 or 355H, 366L, 379H, Statistics and Data Sciences 318, 321, 325H, or 352; with the approval of the faculty undergraduate adviser, DPD students may count Nutrition 352 toward this requirement; Statistics and Data Sciences 325H may not be counted toward both requirement 6 and requirement 11cii.
  - d. Professional development:
    - i. CPD: Nutrition 245C.
    - ii. DPD: Nutrition 162.
12. Students in the CPD must complete an additional fifteen semester hours of supervised practice: Nutrition 345M, 372C, 372F, 374C, and 374P.
  13. Enough additional coursework to make a total of 126 semester hours.

### Option II: Nutritional Sciences

4. At least six semester hours chosen from Psychology 301, Sociology 302, Anthropology 302, Economics 304K, 304L, and Human Development and Family Sciences 313 or 313H, and 113L.
5. Mathematics 408C, 408N, or Statistics and Data Sciences 332.
6. Three semester hours of statistics chosen from Statistics and Data Sciences 302, 304, 306, 325H, and 328M.
7. Chemistry 301 or 301H, 302 or 302H, 204, 220C, 320M, 320N, and Biochemistry 369.
8. Either Biology 311C, 311D, and 325 or Biology 315H and 325H; and Neuroscience 365R or Biology 446L, and 365S.
9. Complete one of the following:
  - a. Physics 301 and 101L;
  - b. Physics 302K and 102M;
  - c. Physics 303K and 103M; or
  - d. Physics 317K and 117M
10. The following core nutrition coursework:
  - a. Nutrition 312 or 312H, 112L or 312R, 326, and 126L; students who complete Nutrition 312H and 312R or Biology 315H and 325H are exempt from Nutrition 326 and 126L; students must complete each course with a grade of at least C- before progressing to other upper-division nutrition courses.
  - b. One of the following: Nutrition 307 and 107L; Biology 326M and 226L; 326R and 226L; Chemistry 455.
  - c. Nutrition 337, 338W or 338H, 342, 343 or ~~and~~ 365 (Topic 1: *Vitamins and Minerals*)<sub>2</sub> [<sub>3</sub>] and 365 (Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*).
11. Nine additional semester hours of nutrition, including three hours each from the following areas:
  - a. Nutritional sciences: Nutrition 365 or 370 or 371; the same topic of Nutrition 365 may not be counted both toward this requirement and toward requirement 10c.
  - b. Behavioral and clinical nutrition: Nutrition 315, 218 and 118L, 321, 330, 331, 332, or 370 or 371.
  - c. Research: Three semester hours of coursework chosen from Nutrition 355 or 355H, 366L, Biology 325L, 331L, and Biochemistry 369L.
12. Enough additional coursework to make a total of 126 semester hours.

### Option III: Nutrition and Public Health

4. Six semester hours chosen from Anthropology 322M (Topic 12: *Mexican Immigration Cultural History*), Sociology 307M, 319, 354K, and 368D.
5. Three semester hours of Statistics and Data Sciences 302, 304, 306, 325H, and 328M.
6. One of the following courses: Mathematics 408C, 408N, or Statistics and Data Sciences 332.
7. Chemistry 301 or 301H, 302 or 302H, 204, 320M, and Biochemistry 369.
8. Biology 311C or 315H, 325 or 325H, and 365S.
9. The following core nutrition coursework:

- a. Nutrition 312 or 312H, 112L or 312R, 326, and 126L; students who complete Nutrition 312H and 312R or Biology 315H and 325H are exempt from Nutrition 326 and 126L; students must complete each course with a grade of at least C- before progressing to other upper-division nutrition courses.
  - b. Nutrition 337, 338W or 338H, 342, 343 or 365 (Topic 1: *Vitamins and Minerals*), and 365 (~~Topic 1: *Vitamins and Minerals*~~; Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*).
10. Three semester hours of research chosen from Nutrition 324 and 124L, 352, 353, 355, 366L, 379H, and Statistics and Data Sciences 318, 321, 325H, or 352; Statistics and Data Sciences 325H may not count toward both requirement 5 and 10.
  11. Nine semester hours chosen from Anthropology 432L and 349C, Biology 446L, 361T, and 478L, Classical Civilization 306M, Health Education 352K (Topic 4: *Strategic Health Communication*) and 373, Kinesiology 320 and 324K, and Psychology 332C.
  12. Enough additional coursework to make a total of 120 semester hours.

#### Option IV: Honors in Advanced Nutritional Sciences

4. At least three semester hours chosen from Psychology 301, Sociology 302, Anthropology 302, Economics 304K, 304L, and Human Development and Family Sciences 313 or 313H and 113L.
5. Mathematics 408C, 408N, Mathematics 408D-AP-H, or Statistics and Data Sciences 332.
6. Three semester hours of statistics chosen from Statistics and Data Sciences 302, 304, 306, 325H, and 328M.
7. Chemistry 301 or 301H, 302 or 302H, 204, 320M, 320N, 220C, and Biochemistry 369.
8. Biology 311C, 311D, and 325 or Biology 315H and 325H; and Biology 365S.
9. Nutrition 312H, 312R, 338H, 342, 343 or 365 (Topic 1: *Vitamins and Minerals*), and 365 (~~Topic 1: *Vitamins and Minerals*~~; Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*), and ~~twelve~~ ~~fourteen~~ additional semester hours of nutrition or related coursework approved by the departmental honors adviser.
10. A section of Undergraduate Studies 302 or 303 that is approved by the departmental honors adviser.
11. Nutrition 355H and 379H
12. ~~Nine~~ ~~Ten~~ semester hours of additional coursework approved by the departmental honors adviser.
13. Enough additional coursework to make a total of 120 semester hours.

#### Option V: Nutrition Honors

4. Breadth requirement: A calculus course and a statistics course, one of which must be a designated honors course; Biology 315H and 325H; Chemistry 301H and 302H; and three additional hours of honors-designated or approved coursework in biology, chemistry, computer science, mathematics, statistics and data sciences, or physics; credit earned by examination may not be counted toward this requirement.
5. At least three semester hours chosen from Psychology 301, Sociology 302, Anthropology 302, Economics 304K, 304L, and Human Development and Family Sciences 313 or 313H and 113L.
6. Chemistry 204, 320M, and 320N, and Biochemistry 369.
7. Neuroscience 365R and Biology 365S.
8. Nutrition 312H, 312R, 338H, 342, 343 or 365 (Topic 1: *Vitamins and Minerals*), and 365 (~~Topic 1: *Vitamins and Minerals*~~; Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*).
9. A section of Undergraduate Studies 302 or 303 that is approved by the departmental honors adviser.
10. A section of Rhetoric and Writing 309S that is restricted to students in the Dean's Scholars Honors Program.
11. Nutrition 355H and 379H.
12. ~~Six~~ ~~Ten~~ semester hours of additional coursework in nutrition or related area approved by the departmental honors adviser.
13. Six semester hours of coursework in the College of Liberal Arts or the College of Fine Arts.
14. Enough additional coursework to make a total of 120 semester hours.

### Option VI: International Nutrition

Students in this option must participate for one semester or summer session in a study abroad program in nutrition offered by the University. Students must submit a study abroad application. During the study abroad experience, students complete Nutrition 353, Field Experience in International Nutrition. Additional coursework in nutrition or in the language, culture, or history of the country may be available during the international study experience. All study abroad programs in nutrition must be approved in advance by the international nutrition faculty adviser. A list of other study abroad opportunities in nutrition is maintained in the main office of the School of Human Ecology.

4. Economics 304K or 304L and at least three semester hours chosen from Psychology 301, Sociology 302, and Anthropology 302.
5. ~~Three~~ ~~Six~~ semester hours chosen from the following: Geography 339K, 357, Mexican American Studies 307, 318, Sociology 335, 354K.
6. Second-semester proficiency in a single foreign language.
7. Mathematics 408C, 408N, or Statistics and Data Sciences 332.
8. Three semester hours of statistics chosen from Statistics and Data Sciences 302, 304, 306, 325H, and 328M.
9. Chemistry 301 or 301H, 302 or 302H, 204, 320M, and Biochemistry 369.
10. Biology 311C or 315H, 325 or 325H, and 365S.
11. The following core nutrition coursework:
  - a. Nutrition 312 or 312H, 112L or 312R, 326, and 126L. Students who complete Nutrition 312H and 312R or Biology 315H and 325H are exempt from Nutrition 326 and 126L; students must complete each course with a grade of at least C- before progressing to other upper-division nutrition courses.
  - b. One of the following four-semester-hour sequences: Nutrition 307 and 107L; Biology 326M and 226L; 326R and 226L.
  - c. Nutrition 338W or 338H, ~~and~~ 342, and 343 or 365 (Topic 1: *Vitamins and Minerals*).
12. Nutrition 316, 218, 118L, 321, 331, and 353.
13. At least nine semester hours, three of which must be upper-division, chosen from one of the following areas:
  - a. Health professions: Chemistry 220C, 320N, Biology 206L, 311D, 326M, 346, Nutrition 337, Nutrition 365 (~~[Topic 1: *Vitamins and Minerals*;~~] Topic 2: *Nutrition and Genes*; or Topic 4: *Obesity and Metabolic Health*); Biology 326M may not be counted toward both requirement 11b and requirement 13a.
  - b. Dietetics: Nutrition 315, 330, 332, 370, 371.
  - c. Behavioral science: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, Psychology 308, 319K, Sociology 308D, 319, 320K, 324K.
14. Enough additional coursework to make a total of 126 semester hours.

### Special Requirements

{no changes}