

**NUTRITIONAL SCIENCE**  
**Iowa State University Catalog, 2007-2009**

Department of Food Science and Human Nutrition

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*Minimum of 120.5 total semester credits required for the degree.*

*Course credits shown in parentheses below.*

**(6) INT'L PERSPECTIVES/U.S. DIVERSITY\***

(3) Select from the International Perspectives approved list:

<http://www.iastate.edu/~registrar/courses/ip-list.html>

(3) Select from the U.S. Diversity approved list:

<http://www.iastate.edu/~registrar/courses/diversity-list.html>

**(12.5) COMMUNICATIONS AND LIBRARY**

- (3) ENGL 150 Critical Thinking and Communication
- (3) ENGL 250 Written, Oral, Visual, Electronic Comp.
- (3) ENGL 314 Technical Communication
- (.5) LIB 160 Library Instruction
- (3) SP CM 212 or COMST 214 Public Speaking course

**(11-15) HUMANITIES AND SOCIAL SCIENCES\*\***

**College of Agriculture and Life Sciences students**

**(11-12 credits)**

Humanities and social science requirements:

- (3) Humanities course
- (3) Social science course

Ethics and environmental requirements:

- (3) FS HN 342 World Food Issues
- (2-3) ENV S 120 or 201 Environmental course

**OR, College of Human Sciences students (15 credits)**

Humanities and social science requirements:

- (6) Humanities courses
- (3) Social science course
- (3) FS HN 342 World Food Issues
- (3) Humanities or Social Science course

Note: FS HN 342 will meet the International Perspectives requirement for College of Human Sciences students.

**(7-12) MATHEMATICAL SCIENCES**

- (4-8) MATH 160, 165-166, or 181-182 Calculus course
- (3-4) STAT 101 or 104 Statistics course

**(24) PHYSICAL SCIENCES**

- (4) CHEM 177 General Chemistry
- (1) CHEM 177L Laboratory in General Chemistry
- (3) CHEM 178 General Chemistry
- (3) CHEM 331 Organic Chemistry
- (1) CHEM 331L Laboratory in Organic Chemistry
- (3) CHEM 332 Organic Chemistry
- (1) CHEM 332L Laboratory in Organic Chemistry
- (4) PHYS 111 General Physics
- (4) PHYS 112 General Physics

**(26-27) BIOLOGICAL SCIENCES**

- (3) BIOL 211 Principles of Biology I
- (1) BIOL 211L Principles of Biology Laboratory I
- (3) BIOL 212 Principles of Biology II
- (1) BIOL 212L Principles of Biology Laboratory II
- (3) BIOL 255 Fund. of Human Anatomy
- (1) BIOL 255L Fund. of Human Anatomy Laboratory

**BIOLOGICAL SCIENCES (CONTINUED)**

- (3) BIOL 313 Principles of Genetics
- (3) BIOL 314 Principles of Molecular Cell Biology
- (5) BIOL 335 Principles of Animal Physiology
- (2-3) MICRO 201 or 302 Microbiology course
- (1) MICRO 201L or 302L Microbiology laboratory

**(33-34) FOOD SCIENCE AND HUMAN NUTRITION**

- (1) FS HN 110 Orientation
- (3) FS HN 167 Introduction to Human Nutrition
- (1) FS HN 203 Contemporary Issues in FSHN
- (4-5) FS HN 214 or 311 Scientific Study of Food/Food Chem.
- (2) FS HN 261 Fundamentals of Human Nutrition
- (3) FS HN 360 Advanced Human Nutrition & Metabolism
- (2) FS HN 361 Nutrition and Health Assessment
- (3) FS HN 362 Nutrition in Growth & Development
- (4) FS HN 461 Medical Nutrition and Disease I
- (1) FS HN 480 Professional Seminar in FSHN

**Select at least 9 additional credits from:**

- (3) FS HN 265 Nutrition for Active & Healthy Lifestyles
- (2) FS HN 403 Food Laws, Regulations, and Reg. Process
- (4) FS HN 412 Food Product Development
- (3) FS HN 419 or 519 Foodborne Hazards/Food Toxicology
- (3) FS HN 463 Community Nutrition
- (3-4) FS HN 464 Medical Nutrition and Disease II
- (3) FS HN 466 Nutrition Counseling & Educ. Methods
- (1-6) FS HN 490C Independent Study
- (1-6) FS HN 499 Undergraduate Research
- (3) FS HN 575 Processed Foods
- (3) NUTRS 501 Biochemical and Physiological Basis of Nutrition: Macronutrients
- (3) NUTRS 502 Biochemical and Physiological Basis of Nutrition: Vitamins and Minerals
- (3) NUTRS 562 Assessment of Nutritional Status
- (2) NUTRS 565 Malnutrition in Low-Income Countries

**(0-3) FREE ELECTIVES** – Select from any university coursework to earn  $\geq$  120.5 total credits prior to graduation.

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**NOTES:**

\* Students must fulfill the International Perspectives and U.S. Diversity requirements by selecting coursework from approved lists. College of Human Sciences students may dual list these courses with other degree requirements.

\*\* Links to approved humanities and social sciences courses: <http://www.fshn.hs.iastate.edu/ugrad/courserequir.php>

**If Didactic Program in Dietetics (DPD) verification statement of completion is desired**, select these courses within the course requirements above: PSYCH 101; and FS HN 214, 463, 464 (4-credits), and 466. As well as the following additional courses: FS HN 340, 403, 411; HRI 380, 380L, 391, 392.

*Updated December 2007*