# Bachelor of Science Degree in Nutritional Sciences (Prior to Fall 2011)
## Coordinate Major

For additional information, please contact the Department of Food Science & Human Nutrition.

### (1) University Requirements

#### Writing Requirement
Tier I: LB 133 4
Tier II: Satisfied by completing the Lyman Briggs College History, Philosophy and Sociology of Science and Senior requirements listed below.

#### Integrative Studies in Arts & Humanities (IAH)
- IAH 201-210* 4
- IAH 211-241* 4

#### Integrative Studies in Social, Behavioral & Economic Sciences (ISS)
- ISS 200-level course* 4
- ISS 300-level course* 4

*National, International, & Multicultural Diversity
Students must include at least one "N" course and one "I" course in their Integrative Studies programs. A "D" course may meet either an "N" or an "I" requirement, but not both.

#### Mathematics, Biological and Physical Sciences
Satisfied by the Lyman Briggs College requirements in Mathematics, Biological and Physical Sciences (see below).

Minimum number of credits required: 120
Minimum cumulative and major grade point average: 2.0

### (2) Lyman Briggs College Requirements

#### Biological Sciences (9 cr.)
Complete ONE of the following groups of courses
1. LB 144 & 145 9
2. BS 110, BS 111, BS 111L 9

#### Chemistry (9 cr.)
Complete ONE of the following groups of courses
1. LB 171, 171L, 172, & 172L 9
2. CEM 141, 142, 161, & 162 9
3. CEM 151, 152, 161, & 162 9

#### Physics (8-10 cr.)
Complete ONE of the following groups of courses
1. LB 273, 274 8
2. PHY 231, 232, 251, & 252 8

#### Mathematics (6-8 cr.)
Complete ONE of the following groups of courses
1. LB 118 & 119 8
2. LB 118 & STT 231 7
3. MTH 132 & 133 7
4. MTH 132 & STT 231 7

#### History, Philosophy & Sociology of Science (11-12 cr.)
- LB 133 4
- LB 330-336, 355, 490E; ENG 473A; HST 425; HST 425; SOC 368 7-8

#### Senior Seminar (4 cr.)
- LB 492 4
Complete ALL of the following courses (12 cr.)

CEM 251 Organic Chemistry I 3
CEM 252 Organic Chemistry II 3
CEM 255 Organic Chemistry Laboratory 2
MMG 301 Introductory Microbiology 3
MMG 302 Introductory Laboratory for General & Allied Health Microbiology 1
PSL 431 Human Physiology I 3
PSL 432 Human Physiology II 3

Complete ONE of the following options (4-6 cr.)

BMB 401 Basic Biochemistry 4
Or
BMB 461 Advanced Biochemistry I 3
BMB 462 Advanced Biochemistry II 3

Complete ONE of the following courses (3 cr.)

HNF 150 Introduction to Human Nutrition 3
HNF 260 Principles of Human Nutrition 3

Complete ALL of the following courses (18 cr.)

HNF 375 Community Nutrition 2
HNF 461 Advanced Human Nutrition: Carbohydrates, Lipids, & Proteins 3
HNF 462 Advanced Human Nutrition: Vitamins & Minerals 3
HNF 463 Nutritional Sciences Laboratory 3
HNF 464 Nutrition in the Prevention & Treatment Of Disease 4
HNF 480 Human Nutrition Research Methods 3

Complete ONE of the following courses (3-4 cr.)

ANTR 350 Human Gross Anatomy & Structural Biology 3
CEM 262 Quantitative Analysis 3
MMG 409 Eukaryotic Cell Biology 3
PHM 350 Introductory Human Pharmacology 3
ZOL 341 Fundamental Genetics 4
ZOL 408 Histology 4

IMPORTANT: These guidelines are presented for planning purposes only. Students MUST consult a department advisor for confirmation of major requirements.