Lewis College of Nursing and Health Professions
BS in Nutrition Science

Freshman and Sophomore Years

A. **Essential Skills** - take all three:
   - ENGL 1101- 3 hrs (Composition I)
   - ENGL 1102- 3 hrs (Composition II)
   - MATH 1113- 3 hrs (Precalculus) or higher

B. **Institutional Options** - take two courses
   - Select two courses:
     - SCOM 1000- 2 hrs (Human Communication)
     - PHIL 1010- 2 hrs (Critical Thinking)
     - PERS 2001- 2 hrs (Perspectives on Comparative Cultures)
     - PERS 2002- 2 hrs (Scientific Perspectives on Global Problems)

C. **Humanities and Fine Arts** - two courses
   - Select one course from two of these three categories:
     - Humanities: 3 hrs ENGL 2110, ENGL 2130, PHIL 2010, RELS 2001 or SCOM 2050
     - Foreign Language: 3 hrs Any Foreign Language course 1002 or higher
     - Fine Arts: 3 hrs AH 1700, 1750, 1850, FILM 2700, MUA 1500, 1900, 1930 or THEA 2040

D. **Science, Mathematics and Technology** - take all three:
   - CHEM 1211K - 4 hrs (Principles of Chemistry I)
   - CHEM 1212K- 4 hrs (Principles of Chemistry II)
   - MATH 1070- 3 hrs (Elementary Statistics)

E. **Social Sciences** - take four courses:
   - HIST 2110- 3 hrs (Survey of United States History)
   - POLS 1101- 3 hrs (Intro to American Government)
   - Select one Global Issues Course: 3 hrs HIST 1111, 1112, POLS 2401, or ECON 2100
   - Select one Social Science Elective: 3 hrs AAS 2010, AAS/HIST 1140, ANTH 1102, CRJU 2200, ECON 2106, ECON 2105, GEOG 1101, PSYC 1101, SOCI 1101, SOCI 1160 or WST 2010

F. **Courses Related to Program of Study** - take all six:
   - BIOL 2110K- 4 hrs (Human Anatomy and Physiology I)
   - BIOL 2120K- 4 hrs (Human Anatomy and Physiology II)
   - CHEM 2400 3 hrs (Organic Chemistry I)
   - CHEM 2100 2 hrs (Organic Chem Laboratory)
   - NUTR 2100- 3 hrs (Principles of Nutrition)
   - Choose for a total of 3 or 4 hours: BIOL 2107K (4), BIOL 2300/2301 (4), BIOL 2500 (2), BIOL 2800 (2), PERS 2001 (2), PERS 2002 (2), PHYS 1111K (4), CNHP 2010 (3).

NOTE: BIOL 2107K and BIOL 2108K may be required for some professional graduate programs/schools.
BIOL 2107K, 2108K, 3240 and 3250 may substitute for BIOL2110K and BIOL 2120K.
Students apply by May 1st of each year and enter into the BS Program in Nutrition Science for the Fall Semester of the Junior year to take a total of 60 semester hours. All courses in Nutrition, Organic Chemistry, Human Physiology, Microbiology and Biochemistry must be completed within 10 years prior to beginning the program.

Junior Year

**Fall Semester (15 hours)**
- NUTR 3105 (3 hrs) Lifecycle Nutrition
- NUTR 3500 (3 hrs) Macronutrient Nutrition
- CNHP 3500 (3 hrs) Introduction to Research
- CNHP 3010 (3 hrs) Medical Terminology for Healthcare
- NUTR Elective* (3 hrs) Advisor approved course (see list below).

**Spring Semester (15 hours)**
- NUTR 3700 (3 hrs) Micronutrient Nutrition
- NUTR 3150 (3 hrs) Food Science I
- NUTR 4955 (3 hrs) Nutrition and Food Policy
- NUTR 4200 (3 hrs) Nutrition and Disease
- NUTR Elective* (3 hrs) Advisor approved elective

Senior Year

**Fall Semester (15 hours)**
- NUTR 4960 (3 hrs) Nutrition and Physical Fitness
- NUTR 4108 (3 hrs) Nutrition Assessment
- CNHP 3000 (3 hrs) Communication and Cultural Diversity
- NUTR 4100 (3 hrs) Energy, Metabolism and Obesity
- NUTR Elective* (3 hrs) Advisor approved elective

**Spring Semester (15 hours)**
- NUTR 4400 (3 hrs) Nutrition Intervention
- NUTR 4280 (3 hrs) Nutritional Genomics
- NUTR 4950 (3 hrs) Nutrition Seminar for Seniors
- NUTR Elective* (3 hrs) Advisor approved elective
- NUTR 4999 or NUTR Elective* (3 hrs) Nutrition Project or advisor approved elective

*The Department of Nutrition will rotate the following elective courses throughout the two years of the program: NUTR 3170 (Food Safety & Sanitation), NUTR 3600 (Functional Foods), NUTR 3800 (International Nutrition), NUTR 3810 (Interpretation Lab Values), NUTR 4105 (Geriatric Nutrition), NUTR 4920 (Nutrition, Supplements and Athletic Performance), NUTR 4970 (Nutrition and the Media), NUTR 4980 (Integrative and Functional nutrition), NUTR 4990 (Entrepreneurial Nutrition), NUTR 4999 (Nutrition Project).

For those students wanting to use this degree for the pre-medical professions, most of these electives are required for admission to graduate programs in the medical fields: BIOL 3240 and 3250 (3hrs/1 hr) Human Physiology and Lab; CHEM 3110 (Organic Chemistry II), CHEM 3410 (Organic Chemistry Lab II), PHYS 1111K (Introductory Physics I), PHYS 1112K (Introductory Physics II), CHEM 4600 (Biochemistry I), BIOL 3800 (Molecular Cell Biology), BIOL 3810 (Molecular Cell Biology Lab), BIOL 3900 (Genetics).