# HUMAN NUTRITIONAL SCIENCES, B.SC. - SECOND DEGREE PROGRAM

## Degree Requirements

| Course | Title | Hours |
|---|---|---|
| AGRI 2400 | Experimental Methods in Agricultural and Food Sciences [1] | 3 |
| One of the following: [2] | | 3 |
| BIOL 1410 | Anatomy of the Human Body (or) | |
| BIOL 1020 & BIOL 1030 | Biology 1: Principles and Themes and Biology 2: Biological Diversity, Function and Interactions | |
| BIOL 1412 | Physiology of the Human Body [2] | 3 |
| CHEM 1100 | Introductory Chemistry 1: Atomic and Molecular Structure and Energetics | 3 |
| CHEM 1130 | Introduction to Organic Chemistry [3] | 3 |
| or CHEM 1110 | Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties | |
| CHEM/MBIO 2730 | Elements of Biochemistry 1 [4] | 3 |
| CHEM 2740 | Introduction to the Biochemistry Laboratory [5] | 3 |
| CHEM/MBIO 2750 | Elements of Biochemistry 2 [6] | 3 |
| HNSC 2140 | Basic Principles of Human Nutrition | 3 |
| HNSC 2160 | Principles of Food Preparation and Preservation | 3 |
| One of the following concentrations: | | 30 |
| Dietetics | | |
| Human Nutrition | | |
| Foods | | |
| **Total Hours** | | **60** |

[1] STAT 2000 (Basic Statistical Analysis 2) can be substituted for AGRI 2400 (Experimental Methods in Agricultural and Food Sciences).

[2] Students selecting BIOL 1020 and BIOL 1030 are not required to complete BIOL 1410. Under required courses, students must take BIOL 1412. Students can substitute both BIOL 1410 and BIOL 1412 with both BIOL 2410 and BIOL 2420.

[3] Students can hold CHEM 2100 (Organic Chemistry 1: Foundations of Organic Chemistry) in place of CHEM 1130 (Introduction to Organic Chemistry).

[4] Under required courses, students can use CHEM 2700/MBIO 2700 (Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy) in place of CHEM 2730/MBIO 2730 (Elements of Biochemistry 1).

[5] Under required courses, student can use CHEM 2720 (Principles and Practices of the Modern Biochemistry Laboratory) place of CHEM 2740 (Introduction to the Biochemistry Laboratory).

[6] Under required courses, students can use CHEM 2710/MBIO 2710 (Biochemistry 2: Catabolism, Synthesis, and Information Pathway) in place of CHEM 2750/MBIO 2750 (Elements of Biochemistry 2).