INDIANA UNIVERSITY
SCHOOL OF PUBLIC HEALTH
Bloomington

**Nutrition Science**

M.S. in Applied Health Science degree (35 cr.)
3.0 GPA required for graduation, Minimum C- in each course
20 credits must be in the Department of Applied Health Science
Effective for students matriculating summer 2016
Applied Health Science – SPH 116 – (812) 855-3627

Complete the following Public Health Core courses: (6 credits)
- 3 SPH-E 651 Epidemiology
- 3 SPH-X 505 Principles and Foundations of Public Health

Complete the following Nutrition Science Core courses: (6 credits)
- 3 SPH-N 530 Advanced Nutrition I * (P: a course in organic chemistry and SPH-N 231)
- 3 SPH-N 532 Advanced Nutrition II ** (P: SPH-N 530)

Complete one of the following Nutrition Science Core Biochemistry courses: (3 credits)
- 3 CHEM-C 483* Biological Chemistry (P: CHEM-C 342 or R 340. Both CHEM-C 342 & N 330 strongly
  recommended)
  OR CHEM-C 484* Biomolecules and Catabolism * (P: CHEM-C 342 or S 342. Credit given for only one
  of C 484 and C 485 or C 483)
  OR BIOT-T 540 Structure, Function, and Regulation of Biomolecules
  OR MCHE-C 580 Medical Biochemistry * (requires permission of instructor)

Complete six credits from the following Specialization Core courses: (6 credits)
- 3 CHEM-C 485* Biosynthesis and Physiology ** (P: CHEM-C 484)
- 3 MCHE-C 583 Physiological Biochemistry ** (requires permission of instructor & director)
- 3 SPH-B 589 Social and Behavioral Determinants of Health *
- 3 SPH-N 520 Food Chemistry ** (P: a course in organic chemistry)
- 3 SPH-N 525 Food Chemistry Lab ** (concurrent with SPH-N 520 and SPH-T 592 or equivalent)
- 3 SPH-N 531 Medical Nutrition Therapy ** (P: SPH-N 231 and PHSL-P 215, or equivalents.)
- 2 SPH-N 533 Medical Nutrition Therapy Application ** (P: concurrent w/ SPH-N 531)
- 3 SPH-N 536 Community Nutrition *
- 3 SPH-N 600 Nutrigenomics (P: CHEM-C 483 OR SPH-N 530)
- 3 SPH-N 601 Phytonutrients (P: SPH-N 532 or concurrent or permission of instructor)
- 3 SPH-N 620 Nutrition in Sports **

Complete the following Research and Research Techniques courses: (5 credits)
- 1 SPH-N 517 Research Presentations in Nutrition Science (S/F graded)
- 1 SPH-N 550 Dietary Assessment Techniques (S/F graded)
- 3 SPH-X 590 Introduction to Research in SPH

Complete the following Biostatistics Competency course: (3 credits)
- 3 SPH-Q 502 (Formerly: HPER-T 592) Intermediate Statistics in Public Health *

Complete one of the following Research Options, either Thesis or Non-thesis: (6 credits)

- 6 SPH-H 599 Master’s Thesis

OR

- 3 SPH-N 691 (Formerly: HPER-N 641) Readings in Nutrition Science (P: Permission of instructor)
  or SPH-N 539 Special Problems: Nutrition and Food Science
- 3 SPH-N 692 (Formerly: HPER-N 640) Research in Nutrition Science (P: Permission of instructor)

*offered fall only  **offered spring only
*course offered through COAS that can be used for graduate credit