



**SCHOOL OF HEALTH, PHYSICAL
EDUCATION, AND RECREATION**
INDIANA UNIVERSITY

Nutrition Science

Master of Science 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 fall 2008
Applied Health Science – HPER 116 – (812) 855-3627

DEPARTMENT CORE (3 credits)

_____ HPER-C 589 Models and Theories of Health Behavior (3 cr.)

PROFESSIONAL CORE (12 credits)

_____ HPER-N 530 Advanced Nutrition I (3 cr.)* (P: a course in organic chemistry and HPER-N 231)

_____ HPER-N 532 Advanced Nutrition II (3 cr.)** (P: HPER-N 530)

_____ CHEM-C 483^x Biological Chemistry (3 cr.)*** (P: CHEM-C 342 or R 340. Both CHEM-C 342 and N 330 strongly recommended)

OR CHEM-C 484^x Biomolecules and Catabolism (3 cr.)* (P: CHEM-C 342 or S 342.
Credit given for only one of C 484 and C485 or C 483)

OR MCHE-C 580 Medical Biochemistry (3 cr.)* (requires permission of instructor)

_____ HPER-N 600 Nutrigenomics (3 cr) (P: CHEM-C 483 OR HPER-N 530)

SPECIALIZATION CORE

(Choose 5 credits from the following list)

_____ HPER-N 520 Food Chemistry (3 cr.)** (P: a course in organic chemistry)

_____ HPER-N 525 Food Chemistry Laboratory (2 cr.)** (concurrent with HPER-N 520 and HPER-T 592 or concurrent enrollment or equivalent)

_____ HPER-N 531 Medical Nutrition Therapy (3 cr.)** (P: HPER-N 530)

_____ HPER-N 533 Medical Nutrition Therapy Applicatn (2 cr.)** (P: concurrent w/ HPER-N 531)

_____ HPER-N 536 Community Nutrition (3 cr.)*

_____ HPER-N 601 Phytonutrients (3 cr) (P: HPER-N 532 or concurrent or permission of instructor)

_____ HPER-N 620 Nutrition in Sports (3 cr.)**

_____ CHEM-C 485^x Biosynthesis and Physiology (3 cr.)** (P: CHEM-C 484)

_____ MCHE-C 583 Physiological Biochemistry (3 cr.)** (requires permission of instrctr & director)

RESEARCH AND RESEARCH TECHNIQUES (15 credits)

_____ HPER-T 590 Introduction to Research in HPER (3 cr.)

STATISTICS COMPETENCY

_____ HPER-C 591 Public Health Statistics (3 cr.)*

_____ HPER-T 592 Statistical Techniques in Research in HPER (3 cr.)**

THESIS/NONTHESIS OPTION: Choose one of the following 6 credit routes:

_____ HPER-H 599 Masters Thesis (6 cr.)

OR HPER-N 640 Research in Nutrition Science (3 cr.)

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_____ HPER-N 641 Readings in Nutrition Science (3 cr.)

OR HPER-N 539 Special Problems: Nutrition and Food Science (3 cr.)

*offered fall only **offered spring only ***offered spring and summer only

^xcourse offered through COAS that can be used for graduate credit