

## Course Requirements for M.S. and Ph.D. Degrees in FSHN

### Concentration in Human Nutrition (26-27 hours minimum)<sup>1, 2, 3</sup>

#### Required courses (16-18 hours):

- MCB 450 or higher (3 H) - Biochemistry
- FSHN 420 (3 H) - Nutritional Aspects of Disease
- FSHN 426 (3 H) - Biochemical Aspects of Nutrition I (M.S. students),  
or FSHN 511 (4 H) - Regulation of Metabolism (Ph.D. students)
- FSHN 427 (2 H) - Biochemical Aspects of Nutrition II
- FSHN 465 (3 H) - Principles of Food Technology
- FSHN 597 or NUTR 500 (required every semester for 0 H; 1 H when defending dissertation) - Seminar in Food Science or Nutritional Sciences Seminar, respectively<sup>4</sup>
- FSHN 593 or FSHN 596 (2 H) - Seminar in Foods or Seminar in Nutrition, respectively.

Electives [to meet 26-27 hours minimum, of which at least 3 (thesis M.S.), 6 (non-thesis M.S.), or 6 (Ph.D.) hours need to be graded courses at the 500-level]<sup>5, 6</sup>

FSHN 421 (2 H) - Pediatric Clinical Nutrition  
FSHN 428 (3 H) - Community Nutrition  
FSHN 429 (3 H) - Nutrition Assessment and Therapy  
FSHN 440 (4 H) - Applied Statistical Methods I  
FSHN 480 (3 H) - Basic Toxicology  
FSHN 510 (up to 4 H) - Topics in Nutrition Research  
FSHN 520 (up to 6 H) - Advanced Clinical Nutrition  
FSHN 592 (up to 2 H) - Graduate Internship Experience  
FSHN 595 (3 H) - Micronutrients and Health  
FSHN 598 or NUTR 593 - Advanced Special Problems or Individual Topics in Nutrition, respectively<sup>7</sup>  
NUTR 511 (4 H) - Regulation of Metabolism  
NUTR 550 (2 H) - Grantsmanship and Ethics  
NUTR 590 (up to 2 H) - Disciplinary Seminar  
ANSC 421 (3 H) - Minerals and Vitamins  
ANSC 520 (3 H) - Protein and Energy Nutrition  
ANSC 524 (2 H) - Non-ruminant Nutrition Concepts

<sup>1</sup>Undergraduate training must include statistics (ACE 261, CPSC 241, ECON 202, MATH 161, PSYC 235, SOC 280, or STAT 100), nutrition (equivalent to FSHN 220), and systemic physiology (equivalent to MCB 103 or 240). These undergraduate courses are not required for admission, but must be completed early in the graduate program and do not count toward concentration requirements. Both M.S. and Ph.D. degrees require at least 12 hours of 500-level course work (including thesis research), and at least 8 of these 12 hours must be in the major field for graduation.

<sup>2</sup>Additional courses may be required beyond the concentration minimum, per Advisory Committee recommendations, depending upon student/advisor learning objectives. A student whose prior education includes course work with identical or similar content to those specified above will be guided by their advisor and Advisory Committee regarding the selection of additional course work needed to meet the minimum hours of the HN concentration.

<sup>3</sup>Students are encouraged to take new courses, rather than retake required courses they have already taken. If you have already taken a required course at the University of Illinois, it is highly recommended that you do not retake it. No petition is required. If you have taken a very similar course at another university, you are strongly encouraged to petition for acceptance of that course in lieu of the required course. Courses should be selected to expand and strengthen your knowledge in core and related disciplines, and/or to increase your research capabilities. Retaking a course does not meet that objective. For additional advice on this topic, contact your advisor and faculty advisory committee.

<sup>4</sup>Students are required to enroll in another seminar course if they have a conflict that precludes their enrollment in FSHN 597 or NUTR 500. The seminar course may be offered by another department.

<sup>5</sup>Course selection in consultation with Advisory Committee.

<sup>6</sup>Non-thesis M.S. students must complete the concentration requirements, including at least 6 hours of 500-level courses, and enroll in other courses to total at least 32 hours.

<sup>7</sup>Up to 2 hours for thesis degrees; up to 6 hour for non-thesis M.S. degree.

The Graduate College requires at least 32 hours for an M.S. degree and 96 hours for a Ph.D. degree. Beyond concentration requirements, thesis research (FSHN 599) and non-concentration 400- and 500-level course work are used to meet the balance of hours required for graduate degree.

To apply for a Dietetic Internship, FSHN 590 and FSHN 591, and a verification statement from an approved/accredited Didactic Program in Dietetics is required.