THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO (Revised 8/15/07)
School of Human Environmental Sciences
Department of Nutrition
(http://www.uncg.edu/nutrition)

Graduate Programs at the Master's Level:

Master of Science (M.S.) minimum 37 cr. hrs., thesis required
Master of Science (M.S.) minimum 40 cr. hrs., non-thesis option

The Master's degree is offered with specialization in Human Nutrition and emphasis in applied Nutrition Science or Basic Nutrition Science. The M.S. (thesis option) is a research-based degree program designed to prepare students for teaching, research, administrative, and consulting positions or for progression to a Ph.D. degree program.

The M.S. non-thesis option is designed to prepare students for consulting, administrative, and practitioner positions in nutrition. A comprehensive examination must be passed. The registered dietitian (R.D.) credential must be obtained for a career in dietetics.

Admission:

Applicants submit a complete Graduate School application, official transcripts of all college-level courses, GRE scores, three reference letters and application fee to: The Graduate School, 241 Mossman Building. A letter stating professional goals and research interests is submitted to the Department of Nutrition, 318 Stone Building. Prior to acceptance, MS thesis option students must identify a potential research advisor. MS non-thesis option students are advised by the Nutrition Graduate Committee.

All students entering the master's degree program must have background-supporting courses in general and organic chemistry, general biology, biochemistry, and human physiology. At UNCG these course numbers are: CHE 103, CHE 104, CHE 110L, CHE 205, CHE 206, CHE 405 (or NTR 531), BIO 111, BIO 277. (See: http://www.uncg.edu/reg/TransferCredits/CommCollege/ccindex.html)

Financial Support:

Many full-time graduate students are supported by research assistantships. The MS standard stipends for the 9-month academic year are approximately $9,500 for 1st year master's students. These assistantships require 20 hours of service per week. Also, some assistantships are available during the summer. Merit-based and minority-presence fellowships and scholarships are available during the academic year. Many out-of-state students may receive either a waiver of the out-of-state portion of the tuition, or additional support to compensate for a portion of these costs. All graduate students must pay in-state tuition per semester for full-time enrollment (9 or more credit hours) unless awarded an in-state tuition waiver.

SPECIFIC REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE (THESIS REQUIRED)

The Department of Nutrition offers a graduate program of study leading to a minimum 37 hour Master of Science degree (thesis required). At least 26 hours must be in 600 level courses. The minimum requirements include:

A. Required Core (minimum 15 hours)

- NTR 609 – Seminar in Nutrition (4)
- NTR 625 – Gene Expression and Protein Metabolism (2)
- NTR 626 – Energy, Carbohydrate, Lipid Metabolism (2)
- NTR 627 – Antioxidants and Bioactive Food Components (2)
- NTR 628 – Vitamins and Minerals (2)
- Statistics (3 credits) e.g. STA 571 – Statistical Methods for Research I (3), **OR** STA 661 – Advanced Statistics in Behavioral and Biological Sciences I (3), or other (see Graduate Bulletin)

B. Research Techniques (9 hours minimum)

- NTR 673 – Nutrition Research Methodology (3)
  AND *at least* **6** *hours in one or more of the following research courses:*
- NTR 601 – Directed Individual Study in Nutrition (1-6)

- NTR 623 – Current Trends in Nutrition (3)
- NTR 653 – Problems in Food and Nutrition (2-4)
- NTR 670 – Minor Research (2-6)

C. Electives (6 hours minimum)

With approval of the Graduate Advisory Committee, a student will select one 3 hour course from other NTR courses at the 500- or 600-level and 3-4 additional hours in either NTR or other science courses at the 500- or 600-level.

D. Thesis (6 hours)

- NTR 699 – Thesis (6)

SPECIFIC REQUIREMENTS FOR THE MASTERS OF SCIENCE DEGREE (NON-THESIS OPTION)

The Department of Nutrition offers a graduate program of study leading to a minimum 40 hour Master of Science degree (Non-thesis Option). At least 26 hrs must be in 600-level courses. The minimum requirements include:

A. Required Core (minimum 14 hours)

- NTR 609 – Seminar in Nutrition (3)
- NTR 625 – Gene Expression and Protein Metabolism (2)
- NTR 626 – Energy, Carbohydrate, Lipid Metabolism (2)
- NTR 627 – Antioxidants and Bioactive Food Components (2)
- NTR 628 – Vitamins and Minerals (2)
- Statistics (3 credits) e.g. STA 571 – Statistical Methods for Research I (3), **OR** STA 661 – Advanced Statistics in Behavioral and Biological Sciences I (3), or other (see Graduate Bulletin)

B. Research Techniques (6 hours minimum)

- NTR 673 – Nutrition Research Methodology (3)

At *least* **3** *hours in one or more of the following research courses:*

- NTR 601 – Directed Individual Study in Nutrition (1-6)
- NTR 623 – Current Trends in Nutrition (3)
- NTR 653 – Problems in Food and Nutrition (2-4)
- NTR 670 – Minor Research (2-6)

C. Electives (19 hours minimum)

The student will select at least 19 hours from other 500- or 600-level courses in NTR, other science courses, HEA, or CED, as approved by the student's advisory committee.

For those students who are completing the Dietetic Internship requirements as part of their graduate program of study, 15 elective hours will come from the DI course requirements:

NTR 602 – Introduction to Clinical Dietetics (3)
NTR 693 – Advanced Medical Dietetics (3)

Nine elective hours will be designated from the Supervised Practice component requirement:

NTR 606a – Practicum in Clinical Dietetics: Management (3)
NTR 606b – Practicum in Clinical Dietetics: Clinical (3)
NTR 606c – Practicum in Clinical Dietetics: Community (3)

Successful completion of these courses is required for the student to be eligible to take The American Dietetic Association's national examination to become a registered dietitian (R.D.).

D. Comprehensive Examination (MS Non-Thesis Option)

The written examination is offered at least once a year. Please consult with the Director of Graduate Study for the dates.