

Nutrition — MS, PhD

- Nutrition — MS (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/nutritionmsphd_major/nutrition_ms/)
- Nutrition — PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/nutritionmsphd_major/nutrition_phd/)

The Department of Nutritional Sciences offers graduate study leading to the Master of Science (MS) and the Doctor of Philosophy (PhD) degrees in nutrition. For the MS degree, the student may specialize in general, community, clinical or sports nutrition. The department emphasizes the integration of knowledge from various fields for the purpose of understanding and developing professional skills for careers in higher education, government, and food, and healthcare industries.

For admission to the MS or PhD programs, the student must have a bachelor's degree from an accredited institution, a satisfactory GPA, a satisfactory GRE score, and acceptable undergraduate academic preparation. The admission committee will evaluate all application items, including transcripts, GRE scores, letters of recommendation, a statement of intent, and resume. International applicants are also required to submit satisfactory TOEFL scores. Applicants lacking background requirements in chemistry and anatomy and physiology for the nutrition program must make up deficiencies prior to starting the program.

The **MS degree** with a thesis track requires a minimum of 30 semester hours and a thesis. The MS degree with the nonthesis track requires a minimum of 33 semester hours and a scholarly research project.

Required courses for the thesis track in nutrition include:

Code	Title	Hours
NTRI 7500	Minerals	3
NTRI 7510	Vitamins	3
NTRI 7520	Macronutrients Integr Metabo	4
NTRI 7530	Human Nutrient Metabolism	4
ERMA 7300 or STAT 7000	Design and Analysis in Ed I Experimental Statistics I	3-4
NTRI 7050	Methods Of Research	2
NTRI 7850	Research Seminar for MS	1
NTRI 7990	Research And Thesis (minimum of 5 hours)	1-10
Elective Graduate Level Courses		5

The non-thesis track in Nutrition is available through both distance education and on campus.

Required courses for the non-thesis track in nutrition include:

Code	Title	Hours
NTRI 7500	Minerals	3
NTRI 7510	Vitamins	3
NTRI 7520	Macronutrients Integr Metabo	4
NTRI 7530	Human Nutrient Metabolism	4
ERMA 7300 or STAT 7000	Design and Analysis in Ed I Experimental Statistics I	3-4
NTRI 7050	Methods Of Research	2
NTRI 7850	Research Seminar for MS	1
NTRI 7980	Nonthesis Research (minimum of 5 hours)	1-6
Elective Graduate Level Courses		8

The MS in Nutrition (Non-Thesis) with Dietetic Internship Experience offers a minimum of 1200 hours of supervised field experience in conjunction with the MS degree to enable baccalaureate degree graduates of Didactic Programs in Dietetics (DPDs) the opportunity to fulfill the experiential requirements to sit for the Registration Examination for Dietitians. Students complete 9-credit hours of field experience taking NTRI 7010 Advanced Practicum in Dietetics as the elective courses for the non-thesis option. Academic coursework is completed over the first year, followed by the field experience. Supervised practice will occur in various settings, including acute

and critical care, outpatient, long-term care, wellness, public health, community, school foodservice, and other professional settings. The Auburn University Dietetic Internship Experience emphasis is in Public Health and Community Nutrition. The supervised practice is completed regionally in Alabama and Georgia (within an approximate 60 mile radius) or may be arranged via distance at student-coordinated sites subject to approval by the Dietetic Internship Director. Graduates who successfully complete the Auburn University MS in Nutrition with Dietetic Internship Experience will be eligible to take the Registration Examination for Dietitians.

Examples of elective courses for the MS in nutrition may include:

Code	Title	Hours
NTRI 6820	Nutrition In The Life Cycle	3
NTRI 6560	Nutr And Food Service Mgt	3
NTRI 6020	Medical Nutrition I	4
NTRI 6030	Medical Nutrition II	4
NTRI 7620	Sports Nutrition	3
KINE 7680	Adv Physiology of Exercise	3
KINE 7700	Adv Physiology of Exercise II	3
KINE 8780	Biochemistry of Exercise	3
KINE 6500	Clin Ex Test	2
KINE 6400	Ex Assessment Rx & Programming	3
KINE 7750	Advanced Sport Psychology	3
VBMS 7070	Endocrinology	4
BIOL 6220	Intro Molecular Genetics	3
BIOL 6190	Cell And Mol Signal Transduct	3
BCHE 7220	Prin Of Cellular Molec Enzy	3
BIOL 6500	Immunology	3
BCHE 7280	Topics In Biochemistry	1-3
NTRI 7910	Practicum In Nutr and Dietetic	1-12
ADED 7600	Nature Of Adult Education	3
ADED 7060	Curic And Pgm Plan In Adult Ed	3
NTRI 7930	Advanced Independent Study	1-6
NTRI 7010	Advanced Practicum in Dietetic	1-9

PhD Degree

The PhD degree requires a minimum of 60 semester hours beyond the bachelor's degree, a general doctoral examination with written and oral components, and a dissertation describing original research in the area of nutrition. The student becomes a candidate for the degree on successful completion of the general examinations. Course requirements for the PhD degree in nutrition are the same as for the corresponding Master's degree or an equivalent course from another institution plus NTRI 8970, NTRI 8850, and NTRI 7280. Laboratories are available for human, animal, chemical, and physical research. Supporting courses to strengthen the nutrition major may be in, but not limited to, biochemistry, physiology, chemistry, animal science, kinesiology, education, and biostatistics.

Course requirements for the PhD degree in nutrition include:

Code	Title	Hours
NTRI 7500	Minerals	3
NTRI 7510	Vitamins	3
NTRI 7520	Macronutrients Integr Metabo	4
NTRI 7530	Human Nutrient Metabolism	4
NTRI 7280	Lab Meth In Food Sci And Nutr	3
ERMA 7300 or STAT 7000	Design and Analysis in Ed I Experimental Statistics I	3-4
ERMA 7310 or STAT 7010	Design & Analysis in Ed II Experimental Statistics II	3
NTRI 7050	Methods Of Research	2

NTRI 8850	Research Sem For Doct Program	1-2
NTRI 8970	Adv Tops Nut, Die, & Hosp Mngt	1-6
NTRI 8990	Research And Dissertation	1-10
Elective Graduate Level Courses		

Examples of elective courses for the PhD degree in nutrition may include:

Code	Title	Hours
NTRI 6020	Medical Nutrition I	4
NTRI 6030	Medical Nutrition II	4
NTRI 6560	Nutr And Food Service Mgt	3
NTRI 7620	Sports Nutrition	3
NTRI 6820	Nutrition In The Life Cycle	3
KINE 7680	Adv Physiology of Exercise	3
KINE 7700	Adv Physiology of Exercise II	3
KINE 8780	Biochemistry of Exercise	3
KINE 6500	Clin Ex Test	2
KINE 6400	Ex Assessment Rx & Programming	3
KINE 7750	Advanced Sport Psychology	3
VBMS 7070	Endocrinology	4
BIOL 6220	Intro Molecular Genetics	3
BIOL 6500	Immunology	3
BIOL 6190	Cell And Mol Signal Transduct	3
BCHE 7220	Prin Of Cellular Molec Enzy	3
BCHE 7280	Topics In Biochemistry	1-3
NTRI 7910	Practicum In Nutr and Dietetic	1-12
ADED 7600	Nature Of Adult Education	3
ADED 7060	Curic And Pgm Plan In Adult Ed	3
NTRI 7930	Advanced Independent Study	1-6
NTRI 7010	Advanced Practicum in Dietetic	1-9