

Program: Nutrition and Food Science **Dept:** Human Environmental Science
Major: Nutrition and Food Science **College:** Education and Professional Studies
Degree: Master of Science (M.S.) **Major Code:** 3661

Nutrition and Food Science, M.S.

The master's degree in Nutrition and Food Science provides knowledge and skills in human nutrition, principles of food management, food science, and practice in problem solving and decision making. The curriculum encourages critical and creative thought, development of skills in human relations and communications and the value of life-long learning. The academic program is sensitive to changes in our dynamic society; it emphasizes personal and professional growth as well as research. There are diverse opportunities for the graduate in the areas of food service management, education, administration, nutritional care, and health promotion. Applicants must have either an undergraduate degree in the discipline or sufficient course work in the field to provide the background required or may complete additional undergraduate or graduate prerequisites.

Graduate Admissions: **Carlie Wellington**
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Coordinator/Advisor: **Dr. Tawni Holmes**
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Dietetic Intern Advisor: **Ms. Katy Soper**
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 Phone: 405 - 974 - 5369

Admission Requirements

Submit the following items to:

Jackson College of Graduate Studies
 100 N. University Drive, NUC 404
 Edmond, OK 73034

- Online application for admission (www.uco.edu/graduate/).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions.
- Undergraduate transcripts must show:
 - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted, and a grade of C or better in the courses listed below.
- The following undergraduate courses are required and are needed prior to taking certain graduate courses:

NTRN	1513	Introduction to Nutrition
NTRN	1613	Principles of Food Preparation and Lab
NTRN	3131	Food Safety and Sanitation
NTRN	3633	Life Span Nutrition
NTRN	4034	Medical Nutrition Therapy
NTRN	4053	Applications of Nutritional Care
NTRN	4123	Food Science and Lab
NTRN	4674	Quantity Foods & Lab

Similar courses may be substituted with permission of the Program Advisor. Students missing one or more required courses may be admitted on a conditional basis.

- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(pp. 17-18\)](#).

**Students falling below these standards may qualify for conditional admission. See [Admission to Graduate Studies \(p.17\)](#).*

Other Requirements

- Plan of Study. Each student must file a plan of study with their graduate program advisor and the Jackson College of Graduate Studies (JCGS) by the end of the first semester of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
- Academic Standards. Meet the following course work standards:
 - Maintain an overall GPA of 3.00 or higher.
 - No more than six hours of "C".
 - No more than six advisor-approved hours from traditional correspondence courses.
- Final Requirements. Apply for graduation through the JCGS by advertised deadline.

Graduation Requirements (non DI option, thesis/non-thesis)

Required Courses.....21-24 hours

Course Prefix	Course No.	Course Title
NTRN	5212	Management of Food and Nutrition Services
NTRN	5643	Advanced Food Science
NTRN	5663	Food Laws and Regulations
NTRN	5713	Food Safety and Quality Management
NTRN	5723	Functional Foods for Health
ESFR	5013	Foundations of Educational Research
ESFR	5403	Educational Statistics, OR
ESFR	5383	Principles of Tests and Measurements
NTRN	5930	Independent Study (1-3 hour capstone project)
NTRN	5990	OR Thesis (1-4 credit hours)

Substitution of electives requires advisor approval.

Additional Elective Hour Options.....8-11 hours

Course Prefix	Course No.	Course Title
NTRN	5193	Food Science
NTRN	5412	Pediatric & Prenatal Nutrition
NTRN	5422	Sports Nutrition for the Professional
NTRN	5641	Public Policy in Nutrition
NTRN	5892	Advanced Clinical Nutrition
NTRN	5733	Microbiological Safety of Food
FMCD	5111	Orientation to Graduate Studies
GERO	5443	Biology of Human Aging, OR
GERO	5213	Health and Social Services for Seniors
NTRN	5910	Seminar/Special Topics
NTRN	5224	Institutional Food Management and Lab

TOTAL HOURS REQUIRED 32 HOURS

Program: Nutrition and Food Science
Major: Nutrition & Food Science, Dietetic Internship

Nutrition and Food Science, Dietetic Internship (DI)
 The Dietetic Internship prepares students to take the registration examination of the Commission on Dietetics Registration.

Admission Requirements

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 100 N. University Drive, NUC 404
 Edmond, OK 73034

- Online application for admission (www.uco.edu/graduate/).
- Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
 - A minimum 2.75 GPA overall or 2.75 GPA in the last 60 hours attempted for admission to the graduate program.
- Students with a native language other than English must submit evidence of English language proficiency. See [Admission to Graduate Studies - English Language Proficiency \(pp. 17-18\)](#).
- Students falling below these standards may qualify for conditional admission. See [Admission to Graduate Studies \(p.17\)](#).

Submit the following items to:

Dietetic Internship Director
 100 N. University Drive, Box 118 HES
 Edmond, OK 73034

- Official transcripts with an undergraduate degree showing a minimum GPA of 3.00 in the last 60 hours of course work and no D's or F's in required courses,
- and a Verification Statement from an ACEND-Accredited Didactic Program in Dietetics (DPD) for admission to the Dietetic Internship.

Applicants will be ranked on a point system for acceptance due to internship size limitations. The University of Central Oklahoma participates in the computer-matching process sponsored by the Academy of Nutrition and Dietetics. Application to the Dietetic Internship is required separate from and in addition to admission to the graduate college.

For information regarding application to the Dietetic Internship see requirements at: <https://www.uco.edu/programs/jcgs/ceps/master-of-science-in-nutrition-and-food-science-dietetic-internship>. Graduate courses for those accepted into the Dietetic Internship will be as follows.

Graduation Requirements (Dietetic Internship section)
Required courses for Dietetic Internship (DI)15 Hours

Required courses for DIs who already have a graduate degree or do not wish to complete the M.S. degree.....15 Hours

Course Prefix	Course No.	Course Title
NTRN	5322	Nutrition Assessment
NTRN	5523	Counseling in Dietetics
NTRN	5641	Public Policy in Nutrition
NTRN	5950	Internship (6 hours)
ESFR	5013	Foundations of Educational Research (<i>formerly PTE</i>)

Additional Requirements

Additional required courses for DIs completing the M.S. degree.....5 Hours

Course Prefix	Course No.	Course Title
NTRN	5643	Advanced Food Science
NTRN	5892	Advanced Clinical Nutrition

Additional Electives

Additional elective courses for DIs completing the M.S. degree.....12 Hours

Choose 12 hours of which at least 4 must be from NTRN.

Course Prefix	Course No.	Course Title
GERO	5443	Biology of Human Aging OR
GERO	5213	Health and Social Services for Seniors
NTRN	5212	Management of Food and Nutrition Services
NTRN	5412	Pediatric and Prenatal Nutrition
NTRN	5422	Sports Nutrition for the Professional
NTRN	5663	Food Laws and Regulations
NTRN	5723	Functional Foods for Health
ESFR	5403	Educational Statistics OR
ESFR	5383	Principles of Tests and Measurements

Other electives upon approval of program advisor

TOTAL HOURS for DI and MS 32 HOURS