

MASTER OF SCIENCE IN

FOOD & NUTRITIONAL SCIENCES



NORTH CAROLINA A&T STATE UNIVERSITY

The M.S. in Food and Nutritional Sciences prepares students with the research and subject matter competencies in food science and nutrition needed to compete for positions in industry, with community agencies, or to pursue additional graduate or professional education.

RESEARCH AREAS

1. Food safety
2. Childhood obesity prevention
3. Screening lactic acid bacteria and bifidobacteria
4. Evaluation of essential plant oils
5. Development of functional products from grape pomace
6. Promoting healthy lifestyles
7. Functional foods

FACILITIES & LABORATORIES

1. Food Microbiology and Toxicology Laboratory
2. Food Chemistry/Biochemistry and Product Development Laboratory
3. Food Sensory Laboratory
4. Food Safety Microbiology Research Laboratory

FOR MORE INFORMATION

Graduate Program Coordinator: Dr. H. Colleran, hcolleran@ncat.edu
Department Chair: Dr. V. Giddings, vlgiddin@ncat.edu
Program website: <https://www.ncat.edu/caes/departments/fcs/>

CURRICULUM

The program offers two options for the plan of study: thesis and non-thesis. For the thesis option, research competence is fostered through the development and execution of independent research. Both options integrate the disciplines of chemistry, microbiology and nutrition to provide students with a holistic understanding of the importance of food and nutrition on health maintenance and disease prevention.

FUNDING OPPORTUNITIES

Faculty in the food and nutritional sciences program have a number of research projects funded by USDA/NIFA. In addition to tuition remission, students may receive teaching and research assistantships. Financial aid is based on merit and availability of funds.

EMPLOYMENT OPPORTUNITIES

Graduates are working for companies such as Kraft, Sara Lee, Cargill, Perdue, Philip Morris (Altria Group, Inc.). Other areas of employment include government agencies such as USDA, public schools, colleges and universities, hospitals, private agencies, research and development, and health and fitness. Many of our graduates go on to pursue doctoral work at prestigious research universities such as Purdue, University of Nebraska and University of Kentucky.

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