NUTRITION AND FOOD SCIENCES M.S.

All students must meet the Requirements for the Master’s Degree

OVERVIEW

The department mission is to study the relationship between nutrition, food science, health and fitness (preventive nutrition), and between diet and disease (therapeutic nutrition). Faculty research encompasses both basic and applied or community aspects of human nutrition and food science and technology. Research is being conducted on: the impact of attitudes and behaviors toward eating and exercise on body weight and composition; web-based interactive multimedia tools for use in teaching and research; behavior modification programs to improve individual eating behaviors; testing the effectiveness of Internet support on the long term management of obesity; factors affecting the nutritional status of children; milk chemistry and cheese technology (i.e., structure, function, and properties of mozzarella and goat’s milk cheese); chemistry and processing of infant formula; and food microbiology.

For more information, contact the Department of Nutrition and Food Sciences, 250 Carrigan Wing, (802) 656-3374.

SPECIFIC REQUIREMENTS

Requirements for Admission to Graduate Studies for the Degree of Master of Science

An undergraduate major in nutrition, dietetics, food science, or a science-related field. An undergraduate course in biochemistry. Satisfactory scores on the Graduate Record Examination, general (aptitude) portion.

Minimum Degree Requirements for the Degree of Master of Science

Thirty credits, including six to fifteen credits of thesis research. A minimum of fifteen credits of graded graduate-level course work. Courses in statistics, Research Methods in Nutrition and Food Sciences, and Nutrition and Food Sciences Seminar are required.

Comprehensive Examination

M.S. candidates will present a seminar before the end of the second semester of the degree program. This seminar will focus on the background to the proposed M.S. thesis research and experimental design. The candidate will be expected to provide an abstract of the seminar and a link to one pertinent online article related to the seminar topic. The abstract (electronic version) and link to a pertinent article must be submitted to the course instructor no later than one week prior to the seminar date. The course instructor will distribute the abstract and link to the NFS faculty and students. Within two weeks following the seminar date, the candidate will meet with his/her thesis defense committee to discuss the student’s performance with the seminar and provide feedback. This seminar and the committee meeting that follows will constitute the student’s M.S. Comprehensive Examination.

Requirements for Advancement to Candidacy for the Degree of Master of Science

Completion of the above requirements.