

Nutritional and Food Sciences

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Degrees Offered

- Master of Science with a major in Nutritional and Food Science

DEGREE DESCRIPTION

The master of science in nutritional and food science in the Davis College of Agriculture, Natural Resources and Design allows maximum flexibility in courses and research problems. They may work with with issues in human health and nutrition. Research problems in human nutrition issues form the basis for many studies, but a comparative approach is emphasized. A master of science degree is available as a thesis or coursework option. For additional information, contact Dr. Robert L. Taylor, Jr., @ (304) 293-2631 or Bob.Taylor@mail.wvu.edu.

The division offers the graduate dietetic internship program as a component of the masters of science degree program (see below). For additional information, contact Mr. Adam Burda at (304) 293-2651 or Adam.Burda@mail.wvu.edu.

Graduate Dietetic Internship

The Graduate Dietetic Internship is a two-year combined master's/ internship program for individuals who have completed at least a bachelor's degree, as well as the Accreditation Council for Education in Nutrition and Dietetics (ACEND) coursework requirements from a Didactic Program in Dietetics (DPD). The dietetic internship provides the supervised practice experience that is required to be eligible to take the registration examination for dietitians. The combined program offers interns the opportunity to complete a Master of Science degree in addition to the required supervised practice component. There is a thesis as well as a non-thesis option for the master' degree. The program will provide interns with at least 1,200 hours of supervised practice experience. For additional information contact the program director Mr. Adam M. Burda at (304) 293-2651 or Adam.Burda@mail.wvu.edu.

Admissions

Requirements are similar to those in other biological sciences. The student should have completed basic courses in the physical and biological sciences, including genetics, nutrition, and physiology. Deficiencies may prolong the time needed to complete degree programs.

Applications must be submitted by October 15 for fall semester and March 15 for spring semester for the M. S. in Nutrition and Food Science. A composite graduate record examination score of 1,000 or better will be considered as a basis for admission. Meeting the above requirements shall not guarantee the applicant admission since each professor will accept only the number of students that can be supervised adequately with available facilities, time, and funds.

A candidate for the M.S. degree in Nutritional and Food Science must meet all University, College, Division, and Program requirements as outlined in the WVU Graduate Catalog.

Program Requirements

All M.S. degree candidates are required to follow a planned program of study. The student develops the plan of study during their first year in the program in conjunction with the graduate committee. The plan must be approved by the Director of the Division and the Associate Dean for Academic Affairs of the Davis College.

Thesis option: The thesis option will require 30 credit hours, 24 hours of regular course work plus 6 hours credit for a thesis. A student must maintain a grade point average of 3.0 or better to remain in good standing. There will be a common core curriculum for the two majors. All additional course requirements will be determined by the student in consultation with the major advisor and graduate committee members.

Core Courses

STAT 511	Statistical Methods 1	3
STAT 512	Statistical Methods 2	3
ANNU 696	Graduate Seminar	1
Additional Coursework Requirements		17
Research		
HN&F 697	Research	6
Total Hours		30

Non-Thesis option: The non-thesis option will require 36 hours of course work. A student must maintain a grade point average of 3.0 or better to remain in good standing. There will be a common core curriculum for the non-thesis masters. Additional courses to meet the degree requirements will be determined by the student in consultation with the major advisor and the graduate committee members and presented in the student's Plan of Study.

Core Courses

STAT 511	Statistical Methods 1	3
STAT 512	Statistical Methods 2	3
ANNU 696	Graduate Seminar	1
Additional Coursework Requirements		29
Total Hours		36

Students in the MS-Thesis Option will be required to complete a thesis. They may identify a problem for study on their own, with approval from their graduate committee or they may work on a faculty member's research study. The scope of the research problem must be approved by the student's graduate committee. Students are required to defend their thesis in an open seminar presentation. Students in either the thesis or the non-thesis option must pass an oral examination to be approved for graduation. No more than three hours of research/problem report credits can be applied to the Non-Thesis option.

* Students must complete a minimum of 30 total hours, of which at least 24 hours must be coursework other than research, thesis, project, internship, etc. credits.

Major Learning Outcomes**NUTRITIONAL AND FOOD SCIENCES**

Students who complete a Master of Science degree in Animal and Nutritional Sciences with a major in Nutrition and Food Sciences will:

Critically evaluate the literature in their field of study as new knowledge is accumulated.

- Identify research needs relevant to providing answers to societal problems.
- Apply research findings to professional practice in their fields.
- Effectively use oral and written communication to share information and ideas.
- Be qualified to take advanced-level professional positions in their respective fields of study.
- Be qualified for doctoral studies in their fields.