

Nutrition & Food Science • College of Science & Mathematics

About the Program

Overview

The Nutrition & Food Science program is intended for students who are interested in the relationship between food and health, but do not wish to become professional dietitians. All the courses required for the Dietetics major are available as electives for those majoring in Nutrition & Food Science.

Since they do not wish to become dietitians, students should know that career opportunities require careful selection of second major or minor in another discipline so that the content of this major can be utilized through the skills developed by the second major or minor.

Journalism might well be chosen, for example, for those with good communication skills as a way of sharing their expertise.

Many students who choose a Nutrition & Food Science major complete the major in conjunction with another program: pre-medicine or pre-physical therapy, for example. Graduates with a career goal of research with a food company should consider pursuing graduate studies in food science or a related field.

Unique features

- Quality faculty, including currently practicing dietitians with expertise in various areas of nutrition and food science.
- Flexibility in elective hours allows students to pursue a second major, minor, or other area of study.

Plan of Study - Bachelor's Degree Nutrition & Food Science Major (36 s.h.)

Required Major Courses:

NFS 2250	Human Nutrition	4 s.h.
NFS 2260	Introductory Food Science	4 s.h.
NFS 2760	Food Service Sanitation	2 s.h.
NFS 3220	Nutrition Assessment	2 s.h.
NFS 3250	Medical Nutrition Therapy I	3 s.h.
NFS 3260	Advanced Food Science	3 s.h.
NFS 4250	Advanced Human Nutrition	4 s.h.
NFS 4950	Senior Seminar	2 s.h.
	Major Electives*	<u>12 s.h.</u>
		36 s.h.

* Major electives may be selected from all NFS courses.

Required Support Courses:

BIO 2240	Basic Human Physiology	4 s.h.
BIO 2260	Microbiology	4 s.h.
CHM 1110	General Chemistry I	4 s.h.
CHM 1610	Introduction to Life Chemistry	<u>4 s.h.</u>
		16 s.h.

Plan of Study - Associate's Degree Nutrition & Food Science Major - Associate Degree (27-30 s.h.)

Required Major Courses:

NFS 2250	Human Nutrition	4 s.h.
NFS 2260	Introductory Food Science	4 s.h.
NFS 2380	Maternal & Child Nutrition	3 s.h.
NFS 2420	Nutrition for the Aging	3 s.h.
NFS 2930	Practicum	1-4 s.h.
NFS 3460	Food Service Management I	3 s.h.
NFS 3760	Food Service Lab	2 s.h.
NFS 4950	Senior Seminar	2 s.h.
	Major Electives*	<u>5 s.h.</u>
		27-30 s.h.

* Major electives may be selected from all NFS courses.

Required Support Courses:

BIO 2240	Basic Human Physiology	4 s.h.
MGT 2360	Principles of Management	<u>3 s.h.</u>
		7 s.h.

Plan of Study - Minor Nutrition & Food Science Minor (21 s.h.)

Required Minor Courses:

NFS 2250	Human Nutrition	4 s.h.
NFS 2260	Introductory Food Science	4 s.h.
NFS 2380	Maternal & Child Nutrition	3 s.h.
NFS 2420	Nutrition for the Aging	3 s.h.
NFS 3260	Advanced Food Science	3 s.h.
	NFS Elective	<u>4 s.h.</u>
		21 s.h.



For Admissions Information

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For Program Information

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Selected Course Offerings

Foods/Food Science

- Introductory Food Science
- Advanced Food Science
- Cultural Foods
- Food Service Management I & II
- Food Service Sanitation

Nutrition

- Human Nutrition
- Advanced Human Nutrition
- Sports Nutrition
- Becoming Vegetarian
- Clinical Nutrition I
- Maternal & Child Nutrition
- Nutrition for the Aging

Natural Sciences

- Basic Human Physiology
- Microbiology
- General Chemistry I
- Introduction to Life Chemistry
- Health Problems

Career Opportunities

The major in Nutrition & Food Science, together with an appropriate second area of study, prepares students to pursue graduate studies or careers in a variety of settings, including:

- Health Care Facilities
- Schools and Colleges
- Food Processing Companies
- Food Service Management Companies
- Magazine/Newspaper Publishers

Facilities

The Madonna University Nutrition & Food Science Program houses the food laboratory (Room 1502). The laboratory is equipped with food research equipment (i.e. viscometer, penetrometer) similar to equipment used by major food companies. The laboratory has computers and software specific to studying foods, food science and food service management.

Madonna University reserves the right to withdraw or modify information in this brochure.

See Advisor/Admissions Office for current information.

Madonna University guarantees the right to equal educational opportunity without discrimination because of race, religion, sex, national origin, age, or disabilities.