Nutritional Science, MS

ECHNUTMS

This program's name has changed effective Fall 2019. The previous name was Nutrition.

Be at the leading edge of nutrition science. Expand your knowledge and skill base with rigorous internships and your own research. With many practical application opportunities, you will create a path for yourself to the forefront of modern health.

Program Description

Degree Awarded: MS Nutritional Science

The ASU MS program in nutritional science prepares students to translate nutrition science into practical use for human health and wellness. Students learn about nutrition alongside faculty who are immersed in the latest research, and they build practical understanding through internships and their own guided research.

The program is based on the scientific foundations of human nutrition, but also prepares students to have strong writing and problem-solving skills, computer literacy, interpretive expertise, and research experiences. Students who have completed an accredited didactic program in dietetics may also elect to apply to the ASU dietetic internship in order to meet the requirements to become a registered dietitian nutritionist. More information is available at https://chs.asu.edu/programs/nutrition-dietetics/how-become-registered-dietitian.

The primary objective of the graduate program in nutrition is to provide advanced training in nutrition research. Graduate students are expected to develop competencies in research methods and in advanced practice knowledge relevant to their area of study. The skills and knowledge acquired during the course of training should enable each student to develop professional competencies that can be applied to significant problems and issues within the field of nutrition and dietetics.

At a Glance

• College/School: College of Health Solutions
Degree Requirements

30 credit hours and a thesis, or
30 credit hours including the required Applied Project course (NTR 593)

Required Core (6 credit hours)
NTR 500 Research Methods (3)
NTR 501 Research Methods in Nutrition II (3)

Concentration (6 credit hours)

Electives (9 credit hours)

Statistics (3 credit hours)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6) or
NTR 599 Thesis (6)

Additional Curriculum Information
For the concentration, electives and statistics requirements, students should see the academic unit for the approved course lists. Possible approved courses may include nutrition seminars. Graduate-level nutrition seminars vary by semester, in topics and availability. Current topics include:

NTR 503 Designing Health Behavior Change Interventions (3)
NTR 523 Vegetarian Nutrition (3)
NTR 527 Policies, Environment and Obesity Prevention (3)
NTR 529 Pediatric Nutrition (3)
NTR 532 Endocrine Pathophysiology and Nutrition (3)
NTR 535 Nutrigenomics (3)
NTR 537 Evidenced-Based Nutrition (3)
NTR 555 Nutrition and the Athlete (3)
NTR 598 Special Topics (3)

NTR 598 seminars reflect the changing nature of research and cover different subject areas each semester. Recent seminars include Advanced MNT, epidemiology, eating disorders, and sports nutrition.
Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree (nutrition or science is recommended) from a regionally accredited institution. Students who are pursuing the Master of Science in nutritional science will need to complete the following prerequisites: anatomy and physiology, biochemistry, general chemistry with lab, general nutrition for majors, microbiology, organic chemistry with lab, and statistics.

These courses are part of the ASU didactic program in dietetics required for ASU’s BS degree in dietetics and to be eligible to apply for admission into an accredited dietetic internship to become a registered dietitian. If an applicant has completed a didactic program in dietetics from another university, these prerequisites will be considered complete. Prerequisite courses can be in progress when the student submits the application; however, if the student is accepted into the Master of Science degree program, all prerequisites must be completed before the program begins in the fall semester.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. GRE scores
4. resume
5. personal statement
6. three letters of recommendation
7. proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

A resume that summarizes the academic, volunteer and employment experiences of the applicant needs to be submitted with the graduate admission application.

A personal statement that includes the following must be submitted with the graduate admission application:

1. a description of the applicant's significant professional responsibilities
2. the applicant's professional goals and the reasons for the desire to enroll in ASU's program
3. the applicant's strengths that will allow the applicant success in the program and in reaching professional goals

4. the applicant's personal research interests, described as specifically as possible, including any previous research experience

Three letters of recommendation are required, including at least one from an instructor at the applicant's undergraduate school. Letters of recommendation can be submitted with the graduate admission online application.

There is not a required foreign language examination for this program.

No interview is required.

**Application Deadlines**

**Fall** expand

**Contact Information**

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