

# CLINICAL NUTRITION, CAPSTONE CERTIFICATE

The UW–Madison Department of Nutritional Sciences offers an online capstone certificate for professionals to build on knowledge and skills obtained in undergraduate studies and work experiences. It is designed to expand knowledge and give new experiences in areas such as critical care, nutrition support, complex nutritional assessment, nutrition counseling, advanced pediatrics, and clinical nutrition research. The program can be completed in one year.

## HOW TO GET IN

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Applications are accepted all terms: fall, spring, and summer. Applicants must possess the following:

- Earned bachelor's degree or equivalent
- Minimum cumulative GPA # 3.0 (on 4.0 scale)
- Completed Didactic Program in Dietetics or the following prerequisite courses (must be equivalent to the courses listed from UW-Madison):

Code	Title	Credits
<b>General Chemistry</b>		
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II	9
<b>Biological Sciences</b>		
Complete one of the following:		
BIOLOGY/ ZOOLOGY 101 & BIOLOGY/ ZOOLOGY 102	Animal Biology and Animal Biology Laboratory	5
BIOLOGY/BOTANY/ ZOOLOGY 151	Introductory Biology	5
<b>Microbiology</b>		
MICROBIO 101 & MICROBIO 102	General Microbiology and General Microbiology Laboratory	5
<b>Organic Chemistry</b>		
CHEM 341 or CHEM 343	Elementary Organic Chemistry Organic Chemistry I	3
<b>Biochemistry</b>		
Complete one of the following:		
BIOCHEM 301	Survey of Biochemistry	3
BIOCHEM 501	Introduction to Biochemistry	3
BIOCHEM 507 & BIOCHEM 508	General Biochemistry I and General Biochemistry II	6-7
<b>Physiology</b>		
ANAT&PHY 335	Physiology	5
<b>Statistics</b>		
Complete one of the following:		

STAT 371	Introductory Applied Statistics for the Life Sciences	3
STAT 301	Introduction to Statistical Methods	3
PSYCH 210	Basic Statistics for Psychology	3
SOC/C&E SOC 360	Statistics for Sociologists I	4
<b>Human Nutrition</b>		
NUTR SCI 332	Human Nutritional Needs	3
<b>Clinical Nutrition</b>		
NUTR SCI 631 & NUTR SCI 632	Clinical Nutrition I and Clinical Nutrition II	6

- Student may check course equivalency to UW Madison via Transferology (<https://www.transferology.com/>).

## APPLICATION STEPS

Adult Career and Special Student Services (ACSSS) is the admitting office for all University Special students. However, the Department of Nutritional Sciences makes the final admission decision upon review of all applicant materials.

A complete application includes the following information:

1. An online application for admission (<http://continuingstudies.wisc.edu/advising/apply.htm>) as a University Special student, selecting UNCS Capstone Certificate and the program: Clinical Nutrition. This application is received and processed by ACSSS with final decision held for approval from the Clinical Nutrition Capstone Certificate coordinator.
2. Submit the following materials to Makayla Schuchardt, program manager of the Clinical Nutrition Capstone Program (<http://nutrisci.wisc.edu/graduate/online-capstone-certificate-in-clinical-nutrition/>):
  - a. Official transcripts from all colleges/ universities attended
  - b. Brief essay describing your reasons for applying and your career goals
  - c. Resume or curriculum vitae

## ENROLLMENT

Admitted students receive a formal letter of admission to UW–Madison from Adult Career and Special Student Services along with general enrollment information.

The director of the Capstone Certificate in Clinical Nutrition, Department of Nutritional Sciences, will send an email to admitted students with specific information pertaining to enrollment in courses and completion of the capstone program.

Additional detail is provided on the ACSSS enrollment page (<http://continuingstudies.wisc.edu/advising/enroll-special.htm>).

## REQUIREMENTS

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The capstone certificate requires a total of 9 credits worth of coursework. Select courses from the following list:

Code	Title	Credits
NUTR SCI 650	Advanced Clinical Nutrition: Critical Care and Nutrition Support	3

NUTR SCI 651	Advanced Clinical Nutrition - Pediatrics	3
NUTR SCI 652	Advanced Nutrition Counseling and Education	3
NUTR SCI 653	Clinical Nutrition Research	3
NUTR SCI 655	Nutrition in Aging	3
NUTR SCI 657	Management in Dietetics	3
NUTR SCI 670	Nutrition and Dietetics Practicum I	3
NUTR SCI 671	Nutrition and Dietetics Practicum II	3
NUTR SCI 710	Human Energy Metabolism	2
NUTR SCI 711	Personalized Nutrition: Genetics, Genomics, and Metagenomics	1
NUTR SCI 715	Micronutrients: Human Physiology and Disease	3
NUTR SCI 720	Advanced Nutrition Assessment	1
NUTR SCI 721	Nutrition Informatics	1
NUTR SCI 725	Advanced Community Nutrition	1
NUTR SCI 726	Nutritional Management of Gastrointestinal Disorders	3
NUTR SCI 750	Advanced Sports Nutrition	2

3. Gain knowledge and skills that contributes to successful progress towards professional career goals

## SPECIAL TOPICS AND RESEARCH ELECTIVES

Students have the option of taking the following electives. Consult with your academic advisor when factoring electives in your curriculum prior to enrolling.

Code	Title	Credits
NUTR SCI 875	Special Topics	1-4
NUTR SCI 991	Research Nutrition	1-12

## MINIMUM REQUIREMENTS FOR CAPSTONE CERTIFICATE COMPLETION

- Students must earn a minimum grade of C in each course used to meet Capstone Certificate requirements.
- Courses in which a student elects the pass/fail or audit option will not count toward completion of Capstone Certificate requirements.
- All of the Capstone Certificate credits must be earned "in residence" (which includes on campus and distance-delivered courses) at UW-Madison.
- All of the Capstone Certificate credits must be earned while enrolled in the Capstone Certificate program.

Individual Capstone Certificate programs may have additional requirements for completion, which will be listed above as/if applicable.

## LEARNING OUTCOMES

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1. Develop expert knowledge and apply concepts of evidenced based nutrition therapy in the management of various disease states and populations.
2. Comprehend, interpret and evaluate the latest clinical nutrition research.