

# NUTRITION, PH.D.

The Ph.D. in Nutrition requires a minimum of 63 credit hours. The focus of the doctoral program is the development of critical thinking, problem solving, communication, and organizational skills and the application of these skills to a nutrition-related research problem. The research goal of the department is to optimize human health. This is done through a wide variety of research approaches. Program strengths include nutritional assessment and intervention, nutritional biochemistry, molecular roles of nutrients, nutrition and disease, community nutrition, nutrition education, and life-span nutrition. Graduates of the doctoral program are prepared for careers in research, teaching at the college or university level, consulting, and management.

At least 75% of all course work, exclusive of dissertation credits, must be at the 600 or 700 level. Students entering the Ph.D. program with a Master of Science degree may be granted a waiver for some requirements if they have successfully completed equivalent coursework. This decision will be made after evaluation by the student's major advisor and the doctoral Advisory/Dissertation Committee.

For information regarding deadlines and requirements for admission, please see the Guide to Graduate Admissions.

In addition to the application materials required by The Graduate School, applicants must submit a letter of intent that includes research and professional objectives and that identifies faculty with research interests most central to student research and career interests.

While the Ph.D. program primarily admits students with a Master's degree, the graduate committee will consider baccalaureate students with exceptional academic and undergraduate research experiences.

## Degree Program Requirements

**Required:** 63 credit hours

Code	Title	Credit Hours
<b>Required Core Courses</b>		16
NTR 609	Seminar in Nutrition *	
NTR 625	Gene Expression and Protein Metabolism	
NTR 626	Energy, Carbohydrate, Lipid Metabolism	
NTR 627	Antioxidants and Bioactive Food Components	
NTR 628	Vitamins and Minerals	
<b>Research Techniques</b>		21 minimum
NTR 673	Nutrition Research Methodology	
Select a minimum of one statistics course (3-4 credits) **		
Select two or three additional courses for developing technical competency to enhance research skills and competitiveness (8 credits minimum) **		
Select at least 6 credits in one or more of the following:		
NTR 601	Directed Study in Nutrition	
NTR 623	Current Trends in Nutrition	
NTR 653	Problems in Food and Nutrition	
NTR 670	Research Skill Development	
<b>Electives</b>		8 minimum

Select 6 credits from other NTR courses at the 500-700 level \*

Select 2 credits minimum in NTR or a supporting program at the 500-700 level \*

**Research and Dissertation** 18

Select a minimum of 18 credits from the following:

NTR 790 Doctoral Research

NTR 799 Dissertation Problem

\* Eight (8) credits total in NTR 609 are required.

\*\* With approval of the Advisory/Dissertation Committee.

## Comprehensive Examination

The student will consult with his/her Advisory/Dissertation Committee about the specific format of the written and oral sections of this examination.

## For Students Who Completed their M.S. at UNC Greensboro

Students who have completed their M.S. degree in the Department of Nutrition at UNC Greensboro will have already completed the majority of the Required Core Courses, Nutrition Research Methodology, and at least one statistics course. Therefore, their program of study will include primarily Research Techniques credits and Research and Dissertation credit hours. Credit received for courses taken as part of the MS degree cannot be counted towards the Ph.D. degree. The majority of credit hours must be at the 600-700 level. Their minimum course work is shown below.

Code	Title	Credit Hours
<b>Required Core Courses</b>		6
NTR 609	Seminar in Nutrition	
<b>Research Techniques</b>		14
Select a minimum of 14 credits from the following:		
NTR 601	Directed Study in Nutrition	
NTR 623	Current Trends in Nutrition	
NTR 653	Problems in Food and Nutrition	
NTR 670	Research Skill Development	
Statistics courses		
<b>Electives</b>		8
Select 6 credits from other NTR courses at the 500-700 level *		
Select 2 credits minimum in NTR or a supporting program at the 500-700 level *		
<b>Research and Dissertation</b>		18
Select a minimum of 18 credits from the following:		
NTR 790	Doctoral Research	
NTR 799	Dissertation Problem	

\* With the approval of the Advisory/Dissertation Committee.