

# NUTRITION, MPH

The MPH program in nutrition emphasizes the social and environmental determinants of nutrition and food security problems. Students learn ways to address these issues through nutritional assessment of populations, community nutrition actions, health promotion programs, and food and nutrition policies. Graduates leave the school with the skills to manage or participate in health programs that address nutritional issues. They also gain the tools needed to shape policies that improve the nutritional health and food security of populations. The program addresses problems and solutions across a full spectrum of contexts, including: humanitarian crises in low-income countries; sustainable development in low- and middle-income countries; and the dual burden problems of under- and over-nutrition common to middle and high-income countries.

This program is a member of the Association of Graduate Programs in Public Health Nutrition (<https://agpphn.org>)(AGPPHN).

## Program Competencies

Students who graduate from this degree program can expect to develop the following competencies as they successfully meet and complete the program degree requirements.

- Identify the major types of food and nutrition related health problems in domestic and international settings and the factors that cause them.
- Apply various methods in order to assess the food security and nutritional status of populations, including anthropometric, biochemical, clinical, dietary, and ecological methods.
- Describe and design a theory-based public health intervention or program.
- Develop a plan to monitor and evaluate a public health intervention or program, based on a theory of change.
- Conduct analysis of nutrition and food security data using statistical software, including the interpretation and communication of results.
- Describe major policies and programs that affect food, nutrition, and health and explain the logic of their impacts.
- Demonstrate proficiency in applying the concepts of public health programming and evaluation to food, nutrition, and health problems.

## Requirements

The MPH Degree in Nutrition requires a total of **45 credits** that includes:

Course ID	Title	Credits
<b>SPHTM Foundational Requirements <sup>1</sup></b>		
SPHL 6020	Foundations in Public Health	3
SPHL 6050	Biostatistics for Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6070	Health Systems Policy and Mgmt	3
SPHL 6080	Design Strategies in PH Prgms	3
<b>Program Course Requirements</b>		
TRMD 6010	Biol Basis of Disease <sup>2</sup>	3
GCHB 6030	Soc & Beh Aspects of Glo HI	3
GCHB 6340	M&E of Global Health Programs	3
GCHB 6690	Intro to Nutrition <sup>3</sup>	2
GCHB 6610	Community Nutrition	2
GCHB 6750	Nutr. Assess & Monitorin	3
GCHB 6780	Dble Burden of Malnutrition	2
<b>Nutrition Policies and Programs</b>		
Select one of the following:		2-3
GCHB 6310	Pblic Nutr & Hlth in Emergenci	
GCHB 6760	Intl Nutr/MCH Design for Chng	
GCHB 6770	U.S. Food & Nutrition Policy	
<b>Elective Courses</b>		
Select 9-10 credits Courses selected from those offered within the department, school, or university in consultation with an academic advisor		9-10
SPHL 9980	Applied Practice Experience <sup>4</sup>	0
SPHL 7950	Integrated Learning Experience <sup>5</sup>	0

- 1 Foundational Requirements (<https://sph.tulane.edu/foundational-curriculum>)
- 2 May be waived if challenge exam is passed.
- 3 May be waived with prior nutrition course.
- 4 The Applied Practice Experience (APE) (formerly practicum) is a supervised practice experience conducted in an agency or organization external to the university to gain practical experience. The APE allows students to demonstrate attainment of at least five competencies, including at least 3 from the foundational competencies (CEPH Criterion D2 (<https://sph.tulane.edu/content/ceph-d2-mph-foundational-competencies>)). The APE is conducted after completion of the foundational courses. An APE report and poster summarizing the field experiences are required.
- 5 All students must complete an Integrated Learning Experience (ILE) (formerly culminating experience) that demonstrates the synthesis of foundational and concentration competencies.

## Model Course Schedule

Course	Title	Credit Hours
<b>Year 1</b>		
<b>Fall</b>		
SPHL 6020	Foundations in Public Health	3
SPHL 6060	Epidemiology for Public Health	3
SPHL 6080 or GCHB 6610	Design Strategies in PH Prgrms <sup>1</sup> or Community Nutrition	3
GCHB 6610	Community Nutrition	2
Credit Hours		11
<b>Spring</b>		
SPHL 6050	Biostatistics for Public Health	3
GCHB 6030	Soc & Beh Aspects of Glo HI	3
TRMD 6010	Biol Basis of Disease	3
GCHB 6780	Dble Burden of Malnutrition	2
Credit Hours		11
<b>Year 2</b>		
<b>Summer Session</b>		
SPHL 6070	Health Systems Policy and Mgmt	3
SPHL 9980	Applied Practice Experience	0
Credit Hours		3
<b>Fall</b>		
GCHB 6750	Nutr. Assess & Monitorin	3
GCHB 6340	M&E of Global Health Programs	3
SPHL 6070	Health Systems Policy and Mgmt	3
Select 1 Elective		2
SPHL 9980	Applied Practice Experience	0
SPHL 7950	Integrated Learning Experience (PHA)	0
Credit Hours		11
<b>Spring</b>		
SPHL 7950	Integrated Learning Experience (PHA) (complete)	0
Select three Electives <sup>9</sup>		9
Credit Hours		9
Total Credit Hours		45