Public Health Nutrition Major—M.P.H.

The Public Health Nutrition major emphasizes nutritional assessment, program planning, health behavior change and intervention strategies, research and evaluation methods, and policy development. A separate emphasis in nutritional epidemiology is also available to help prepare public health nutrition professionals address significant issues in the field with up-to-date epidemiologic methods.

Coordinated Master’s Program Curriculum

Prerequisites for admission include: one general human biology course, two general chemistry courses with labs, one organic chemistry course, one biochemistry course, one microbiology course with a lab, one physiology course, one introduction to nutrition course, one introduction to food science course, one food systems operation management course, one social science course

**Note:** final application deadline is December 1.

- CMP track for non-nutrition/dietetics undergrad majors = 63 credits
- CMP track for nutrition/dietetics undergrad majors = 60 credits

Program Curriculum

The Coordinated Master’s Program combines didactic coursework and supervised practice leading to a Master’s in Public Health (M.P.H.) degree in Public Health Nutrition and eligibility to sit for the registration examination for Registered Dietitians. The concentration area is public health with an emphasis in working with rural and disadvantaged populations.

**Public Health Nutrition Core (13–15 credits)**
- Foundations of Public Health Nutrition Leadership (PubH 6901, 2 credits)
- Community Nutrition Intervention (PubH 6914, 3 credits)
- Nutrition Assessment (PubH 6915, 2 credits)
- Nutrition and Chronic Diseases (PubH 6933, 2 credits)

**CMP track for non-nutrition/dietetics undergrad students must take three courses from the following list with the ▼ note:**

**CMP track for nutrition/dietetics undergrad students must take two courses from the following list:**

- ▼ Maternal, Infant, and Preschool Nutrition (PubH 6902, 2 credits)
- ▼ Child and Adolescent Nutrition (PubH 6903, 2 credits)
- ▼ Nutrition and Aging (PubH 6904, 2 credits)
- Global Nutrition (PubH 6906, 2 credits)

**Research Methods (6 credits)**

- Critical Review of Research in Public Health Nutrition (PubH 6910, 1 credit)
- Culminating Experience (PubH 7994, 2 credits)

**Contact Information**

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**Plus 3 research methods credits from the following list of courses:**

- Program Evaluation for Public Health Practice (PubH 6034, 3 credits)
- Applied Research Methods (PubH 6035, prerequisite 6034, 3 credits)
- Data Processing with PC-SAS (PubH 6325, 1 credit)
- Epidemiologic Methods II (PubH 6342, prerequisite 6341, 3 credits)
- Biostatistical Methods II (PubH 6415, prerequisite 6414, 3 credits)
- Introduction to SAS Programming (PubH 6420, 1 credit)
- Biostatistics II (PubH 6451, prerequisite 6450, 4 credits)
- Practical Methods for Secondary Data Analysis (PubH 6617, 3 credits)
- Community Based Participatory Research (PubH 6650, 1 credit)
- Community Health Assessment (PubH 6705, 2 credits)
- Conducting a Systematic Literature Review (PubH 6803, 2 credits)
Prerequisites for admission include: one general human biology course, two general chemistry courses with labs, one organic chemistry course, one biochemistry course, one human nutrition course, one social science course.

○ STND track for nutrition/dietetics undergrad majors = 44 total credits
○ STND track for non-nutrition/dietetics undergrad majors = 50-55 total credits

Public Health Nutrition Core (13 credits)

○ Foundations of Public Health Nutrition Leadership (PubH 6901, 2 credits)
○ Community Nutrition Intervention (PubH 6914, 3 credits)
○ Nutrition Assessment (PubH 6915, 2 credits)
○ Nutrition and Chronic Diseases (PubH 6933, 2 credits)

All Standard Track students must take two courses from the following list:

○ Maternal, Infant, and Preschool Nutrition (PubH 6902, 2 credits)
○ Child and Adolescent Nutrition (PubH 6903, 2 credits)
○ Nutrition and Aging (on-line) (PubH 6904, 2 credits)
○ Global Nutrition (PubH 6906, 2 credits)

Research Methods (6 total credits)

○ Critical Review of Research in Public Health Nutrition (PubH 6910, 1 credit)
○ Culminating Experience (PubH 7994, 2 credits)

Plus 3 research methods credits from the following list of courses

○ Program Evaluation in Public Health Practice (PubH 6034, 3 credits)
○ Applied Research Methods (prerequisite 6034) (PubH 6035, 3 credits)
○ Data Processing with PC-SAS (PubH 6325, 1 credit)

Public Health Core (11–12 credits)

Note: courses designated as part of the public health core must be taken for a letter grade (A/F)

○ Environmental Health (PubH 6101, 2 credits) or Issues in Environmental and Occupational Health (PubH 6102, 2 credits)
○ Fundamentals of Epidemiology (PubH 6320, 3 credits) or Epidemiologic Methods I (PubH 6341, 3 credits)
○ Biostatistical Methods I (PubH 6414, 3 credits) or Biostatistics I (PubH 6450, 4 credits)
○ Ethics in Public Health: Professional Practice and Policy (PubH 6741, 1 credit) or Ethics in Public Health: Research and Policy (PubH 6742, 1 credit)
○ Principles of Management in Health Services Organizations (PubH 6751, 2 credits)

Electives (8–12 credits)

Additional Nutrition Science Courses for students in the CMP Track for non-nutrition dietetics undergrad majors (10-16 credits) instead of electives

○ Nutrition and Metabolism (FScN 4621w, 4 credits) or Advanced Human Nutrition (FScN 4612, 4 credits)
○ Medical Nutrition Therapy I (FScN 4665, 3 credits)
○ Medical Nutrition Therapy II (FScN 4666, 3 credits)

Standard Program Curriculum

Field Experience (21 credits)

○ Coordinated Field Experience (PubH 7996, 4 credits)
○ Community Nutrition Practicum (PubH 6995, 8 credits)
○ Clinical Nutrition Practicum (PubH 6996, 9 credits)

Public Health Core (11–12 credits)

Note: courses designated as part of the public health core must be taken for a letter grade (A/F)

○ Principles of Public Health Research (PubH 6806, 2 credits)
○ Program Evaluation in Health and Mental Health Settings (PubH 6852, 2 credits)
○ Nutritional Epidemiology (PubH 6389, prerequisite 6341, 2 credits)
○ Designing and Conducting Focus Group Interviews (PubH 7250, 1 credit)
○ Data Analysis from Focus Groups (PubH 7251, 1 credit)
○ Qualitative Research Design and Methods (Nurs 8171, 3-4 credits)

Field Experience (21 credits)

○ Coordinated Field Experience (PubH 7996, 4 credits)
○ Community Nutrition Practicum (PubH 6995, 8 credits)
○ Clinical Nutrition Practicum (PubH 6996, 9 credits)

Public Health Core (11–12 credits)

Note: courses designated as part of the public health core must be taken for a letter grade (A/F)

○ Environmental Health (PubH 6101, 2 credits) or Issues in Environmental and Occupational Health (PubH 6102, 2 credits)
○ Fundamentals of Epidemiology (PubH 6320, 3 credits) or Epidemiologic Methods I (PubH 6341, 3 credits)
○ Biostatistical Methods I (PubH 6414, 3 credits) or Biostatistics I (PubH 6450, 4 credits)
○ Ethics in Public Health: Professional Practice and Policy (PubH 6741, 1 credit) or Ethics in Public Health: Research and Policy (PubH 6742, 1 credit)
○ Principles of Management in Health Services Organizations (PubH 6751, 2 credits)

Field Experience (2 credits)

○ Field Experience (1 credit each of two semesters) (PubH 7996, 2 credits)

Public Health Core (11-12 credits)

Note: courses designated as part of the public health core must be taken for a letter grade (A/F)

○ Environmental Health (PubH 6101, 2 credits) or Issues in Environmental and Occupational Health (PubH 6102, 2 credits)
○ Fundamentals of Epidemiology (PubH 6320, 3 credits) or Epidemiologic Methods I (PubH 6341, 3 credits)
○ Biostatistical Methods I (PubH 6414, 3 credits) or Biostatistics I (PubH 6450, 4 credits)
○ Ethics in Public Health: Professional Practice & Policy (PubH 6741, 1 credit) or Ethics in Public Health: Research & Policy (PubH 6742, 1 credit)
○ Principles of Mgmt in Health Service Organizations (PubH 6751, 2 credits) Electives (11-12 credits)
Nutrition Science Courses for Standard Track non-nutrition dietetics undergrad major students (6-10 credits)
- Pathophysiology of Human Disease (PubH 6355, 4 credits) [not required if taken at the undergraduate level]
- Nutrition for Public Health Promotion and Disease Prevention (PubH 6905, 2 credits)
- Nutrition and Metabolism (FScN 4621W, 4 credits)

Nutritional Epidemiology Emphasis Curriculum

Prerequisites for admission include: one general human biology course, two general chemistry courses with labs, one organic chemistry course, one biochemistry course, one human nutrition course, one social science course.
- NEP track for nutrition/dietetics undergrad majors = 44 total credits
- NEP track for non-nutrition/dietetics undergrad majors = 48-54 total credits

Public Health Nutrition Core (11–17 credits)
Both program options:
- Foundations of Public Health Leadership (PubH 6901, 2 credits)
- Community Nutrition Intervention (PubH 6914, 3 credits)
- Nutrition Assessment (PubH 6915, 2 credits)
- Nutrition and Chronic Diseases (PubH 6933, 2 credits)

Plus one course from the following list:
- Maternal, Infant, and Preschool Nutrition (PubH 6902, 2 credits)
- Child and Adolescent Nutrition (PubH 6903, 2 credits)
- Nutrition and Aging (online) (PubH 6904, 2 credits)
- Global Nutrition (PubH 6906, 2 credits)

NEP non-nutrition/dietetics program option only:
- Nutrition and Metabolism (FScN 4621W, 4 credits)
- Nutrition for Public Health Promotion and Disease Prevention (PubH 6905, 2 credits) — optional if had equivalent content

Epidemiology Core (24 or 28 credits)
- Epidemiologic Methods I (PubH 6341, 3 credits)
- Epidemiologic Methods II (PubH 6342, 3 credits)
- Epidemiologic Methods III (PubH 6343, 4 credits)
- Epidemiologic Methods III Lab (6350, 1 credit)
- Nutritional Epidemiology (PubH 6389, 2 credits)
- Data Processing with PC SAS (6325, 1 credit)
- Pathophysiology of Human Disease (PubH 6355, 4 credits) [not required if taken at the undergraduate level]
- Biostatistics I (PubH 6450, 4 credits)
- Biostatistics II (PubH 6451, 4 credits)

Plus one of the following six courses:
- Genetics in Public Health (PubH 6381, 2 credits)
- Epidemiology and Control of Infectious Diseases (PubH 6385, 2 credits)
- Public Health Aspects of Cardiovascular Disease (PubH 6386, 2 credits)
- Cancer Epidemiology (PubH 6387, 2 credits)
- Nutritional Epidemiology (PubH 6389, 2 credits)
- Reproductive and Perinatal Health (PubH 6605, 2 credits)

Field Experience/Culminating Experience (4 credits)
- Culminating Experience (PubH 7994, 2 credits)
- Field Experience (PubH 7996, 2 credits) (1 credit per semester)

Public Health Core Courses (5 credits)
- Environmental Health (PubH 6101, 2 credits) or Issues in Environmental and Occupational Health (PubH 6102, 2 credits)
- Ethics in Public Health: Professional Practice and Policy (PubH 6741, 1 credit) or Ethics in Public Health: Research and Policy (PubH 6742, 1 credit)
- Principles of Management in Health Services Organizations (PubH 6751, 2 credits)

Field Experience and Culminating Experience
Hands-on field experiences in the community allow students to explore nutrition service delivery strategies and develop competency in providing nutrition community nutrition programs. Designing and completing an applied culminating experience allows students to develop research, organizational, and analytical skills in an area of interest. Opportunities are available to work closely with faculty on research projects.

Admission Preferences
Admission requires a baccalaureate degree from an accredited college or university. Admissions committees in each major review applicants according to their personal statements, background and experience, record of academic achievement, demonstrated academic potential, letters of recommendation, compatibility of interests with program faculty, and other factors. Test scores and GPAs provide competitive points of reference for admission but are not used exclusively in the admissions review.

Preferred Performance Levels
- GPA of 3.0
- Combined GRE (verbal, quantitative) score of 300, and a 3.5 analytical writing score
- TOEFL scores of 600 on the paper test or 250 on the computer-based test or 100 on the internet-based (iBT) test for applicants whose native language is not English

Application Deadlines
- Coordinated Master’s Program Deadline: December 1
- Scholarship Consideration Deadline: December 1
- Final Application Deadline for Standard Track and Nutritional Epidemiology Track: April 15
**Admission Decisions**

Applicants are notified by mail about admission decisions approximately six weeks after their completed application is received by the major. Admission to the CMP is a 2-step process. Students must first be admitted to the MPH degree program in public health nutrition. Admitted students who requested the CMP option will then undergo a second admissions process specific to the CMP which will include both written and telephone based interviews.

*Only 8 slots are available for the CMP program. Therefore, admission to the MPH program does not guarantee or infer admission to the CMP option.*

Students applying for the CMP will be notified on or before April 1st on their status of admission to the CMP option.

*Students may not accept admission to the standard MPH program then transfer over to the CMP program at a later date.*