

NUTRITION AND FOOD SCIENCE AND PUBLIC HEALTH (M.A./M.P.H. JOINT DEGREE)

The M.A. in Nutrition and Food Science/M.P.H. is a joint degree program offered by the Department of Nutrition and Food Science, College of Liberal Arts and Sciences, and Department of Family Medicine and Public Health Sciences, School of Medicine.

Students must meet the admission and graduation requirements of both programs and enroll concurrently in the two programs during most of the period in which they are earning the degrees. If they complete requirements for only one degree, one degree will be awarded.

Admission Requirements

Admission to this program is contingent upon admission to the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/admission/>). Admission criteria for the MA-MPH Joint Degree will meet the requirements of both MA and MPH degrees by requiring:

1. A minimum undergraduate Grade Point Average of 3.0 and all requirements for admission to the WSU Graduate School that include satisfying the English proficiency requirements. If applicants have not completed a baccalaureate degree from an accredited institution in the US or in a country where English is the native language, satisfactory attainment of scores in the Michigan English Language Assessment Battery (MELAB) (85), the Test of English as a Foreign Language (TOEFL) (79 internet/550 paper-based), or the International English Language Testing System (IELTS) (6.5) will be required. Tests should not be more than 2 years old. The MPH Program has established a minimum TOEFL score of 90 and a minimum IELTS score of 7.
2. Standardized Test Scores: GRE, MCAT, GMAT or LSAT within the last five years.
3. The submission of a professional curriculum vitae together with a satisfactory personal statement indicating the applicant's background, research and/or work experience, interests, and career goals as they relate to attainment of the MA-MPH degree. Three letters recommendation will also be required. An interview may be conducted.
4. Completion of college-based courses in mathematics and the social sciences, and completion of the following undergraduate courses or equivalent:

| Code | Title | Credits |
|--|--|---------|
| NFS 2130 & NFS 2140 | Introductory Food Science and Introductory Food Science Laboratory | 4 |
| NFS 2220 | Nutrition Laboratory | 1 |
| NFS 3230 | Human Nutrition | 3-4 |
| BIO 2270 & BIO 2271 | Principles of Microbiology and Principles of Microbiology Lab | 5 |
| BIO 2870 | Anatomy and Physiology | 5 |
| One semester of Organic Chemistry | | |
| Courses in biochemistry and statistics are recommended | | |

Program Requirements

A minimum of 64 graduate credits beyond the baccalaureate degree is required for completion of the MA-MPH program. Students enrolled in the MA-MPH Joint Degree Program will be required to take specific NFS ([http://bulletins.wayne.edu/graduate/college-liberal-arts-](http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/nutrition-food-science/#coursestext)

[sciences/nutrition-food-science/#coursestext](http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/nutrition-food-science/#coursestext)) and FPH (<http://bulletins.wayne.edu/graduate/school-medicine/programs/public-health/#coursestext>) listed public health-related courses. A total of 10 credits can be double-counted towards completion of this joint degree program. All course work must be completed in accordance with the regulations of the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/academic-regulations/>), the College of Liberal Arts and Sciences (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/academic-regulations/>) and the School of Medicine (<http://bulletins.wayne.edu/graduate/school-medicine/programs/>).

M.A. in Nutrition and Food Science

| Code | Title | Credits |
|--|---|-----------|
| Core Courses | | |
| NFS 7850 | Graduate Seminar | 1 |
| NFS 6000 | Nutritional Biochemistry | 3 |
| NFS 6030 | Microbiological Safety of Foods | 3 |
| Select two of the following: | | 6 |
| NFS 6020 | Nutrient and Gene Interaction | |
| NFS 7000 | Nutritional Metabolomics and Bioinformatics | |
| NFS 7230 | Nutrition and Physical Performance | |
| Major M.A-M.P.H. Specific Courses | | |
| NFS 5220 | Community Nutrition | 2 |
| NFS 6210 | Nutrition through the Life Cycle | 3 |
| FPH 7240 | Epidemiology | 3 |
| NFS 7240 | Nutritional Epidemiology | 3 |
| Required Culminating Course | | |
| FPH 8991 | Integrated Learning Experience | 3 |
| Minor Elective Courses | | |
| Select a minimum of five credits of the following: | | 5 |
| NFS 5250 | Nutrition and Disease | |
| NFS 6270 | Eating Behavior and Body Weight Regulation | |
| NFS 6850 | Controversial Issues | |
| NFS 7990 | Directed Study | |
| FPH 7020 | Biostatistics II | |
| FPH 7350 | Advanced Statistical Programming (SAS) | |
| FPH 7990 | Directed Studies in Community Health Services | |
| CB 7430 | Cancer Epidemiology | |
| EER 7650 | Computer Use in Research | |
| Total Credits | | 32 |

Master of Public Health

| Code | Title | Credits |
|------------------------------|--|---------|
| Core Courses | | |
| FPH 7011 | Foundations of Public Health | 3 |
| FPH 7012 | Social Justice in Public Health | 3 |
| FPH 7015 | Biostatistics I | 3 |
| FPH 7100 | Health Care Organization and Administration | 3 |
| FPH 7210 | Research Methods for Public Health Professionals | 3 |
| FPH 7240 | Epidemiology | 3 |
| FPH 7300 | Public Health Policy | 3 |
| Concentration Courses | | |
| FPH 7230 | Health Program Evaluation | 3 |
| FPH 7430 | Application of Public Health Principles | 3 |
| FPH 7510 | Leadership and Population Health | 2 |
| FPH 7511 | Health Promotion Messaging and Advocacy | 3 |

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|--|--------------------------------|-----------|
| Electives | | |
| Select a minimum of four credits of NFS courses. | | 4 |
| Required Culminating Courses | | |
| FPH 7440 | Applied Practice Experience | 3 |
| FPH 8991 | Integrated Learning Experience | 3 |
| Total Credits | | 42 |