

# Master of Public Health

---

## Courses

### **MPH 5585 Independent Study in Public Health: 1-3 semester hours.**

Individual work under staff guidance. Field and/or library research on specific health education problems of interest to majors and minors. May be repeated up to 6 credits. PREREQ: Permission of instructor.

### **MPH 5599 Experimental Course: 1-6 semester hours.**

This is an experimental course. The course title and number of credits are noted by course section and announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times. May be repeated.

### **MPH 6601 Applications in Epidemiology: 3 semester hours.**

Facilitates an epidemiological approach to problem solving in the health sciences through practical application of field epidemiology concepts and methods. PREREQ: Permission of instructor if student is not in the MPH program.

### **MPH 6602 Biostatistics: 3 semester hours.**

This course will equip students with a conceptual understanding of the calculation and interpretation of inferential statistics in public health research. PREREQ: Permission of instructor if student is not in the MPH program.

### **MPH 6604 Social and Cultural Perspectives in Public Health: 3 semester hours.**

Exploration of multicultural health beliefs, health disparities and needs of our society focusing on local cultures to develop culturally competent interventions. Learn about ethical issues, social justice, community systems, coalition building, and development of community partnerships.

### **MPH 6605 Leadership Policy and Administration: 3 semester hours.**

Development of leadership and administrative skills which contribute to implementation of effective public health policies and programs. Students will learn strategic planning, facilitation techniques, communication strategies, budget development, and management. Equivalent to HE 6605.

### **MPH 6606 Environmental and Occupational Health: 3 semester hours.**

Understanding the interaction of humans with their environment and the implications of human actions. Learn about assessment and control of health risks posed by chemical and biological contaminants and physical exposures (noise, heat, and radiation) in occupational and non-occupational environments.

### **MPH 6607 US and Global Health Systems: 3 semester hours.**

Explore the historical and contemporary multi-layered social, cultural, political, and economic determinants in the US and internationally that shape health status, health behavior, and health inequalities. Practical application of creating appropriate interventions specific to the target population.

### **MPH 6608 Technological Applications in Public Health: 3 semester hours.**

Introduction and application of software programs utilized in public health practice. Examples include SPSS, MS Excel, GIS, EpiInfo, MS Publisher. PREREQ: MPH 6602.

### **MPH 6609 Seminar in Public and Community Health: 3 semester hours.**

Study of topics, trends and challenges within public health.

### **MPH 6620 Health Program Planning and Evaluation: 3 semester hours.**

Theory and processes of assessment, planning, implementing, and evaluating health education, promotion, and disease prevention programs. Principles taught in this course will be applied to community situations. Equivalent to HE 6620 and DENT 6630.

### **MPH 6632 Community Health: 3 semester hours.**

A study of the role of health education/health promotion in the community setting. Emphasis on methods to build coalitions to address community health concerns and on the role of needs assessment.

### **MPH 6640 Research and Writing in Health: 3 semester hours.**

Application of principles of research design in the health sciences. Requires preparation of a thesis/project proposal. Equivalent to HE 6640.

### **MPH 6650 Thesis: 1-6 semester hours.**

Completion of a thesis/manuscript. Practical application of knowledge/skills in a public health setting. May be repeated. Graded S/U. PREREQ: MPH 6601, MPH 6602, MPH 6603, MPH 6620, and MPH 6640.

### **MPH 6651 Public Health Project: 1-6 semester hours.**

Completion of a public health project. Practical application of knowledge/skills in a public health setting. May be repeated. Graded S/U. PREREQ: MPH 6601, MPH 6602, MPH 6603, MPH 6620, and MPH 6640.

### **MPH 6655 Public Health Internship: 3 semester hours.**

Application of skills in a public health agency, organization or other entity to provide the student with practical experience in the field. May be repeated.

### **MPH 6660 Behavior Change Theory and Applications: 3 semester hours.**

Provides a basic understanding of the social, emotional, and lifestyle factors related to health behavior. Strategies designed to identify barriers to behavior and to enhance the health of selected populations are examined. Equivalent to HE 6660. PREREQ: Permission of instructor.

### **MPH 6699 Experimental Course: 1-6 semester hours.**

This is an experimental course. The course title and number of credits are noted by course section and announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times. May be repeated.