

## **Occupational Health (MSPH)**

**NOTE:** The MSPH in Occupational Health is only for MDs in the Occupational Medicine Residency program.

The MSPH in Occupational Health is an academic program that prepares occupational medicine physicians and health professionals with the research and professional knowledge and skills necessary to address the complex health and safety issues found in today's business environment. There is sufficient flexibility to accommodate a variety of interests and career goals, including: practice of occupational medicine in an industrial setting; development, administration and management of occupational health programs, practice of occupational medicine in an industrial setting; the development and management of governmental programs which may be required by law to provide surveillance, monitoring and hazard evaluation; careers in teaching and research in an academic setting or; planning, management and administration of occupational programs in an industrial setting emphasizing epidemiological, clinical and toxicological research. The MSPH curriculum focuses on the worker, the workplace, information management and administration. The student is provided the opportunity to acquire sufficient knowledge and skills to administer and manage occupational health services programs. The MSPH emphasizes protective and preventive policies, procedures, practices and programs. Information management and administration are stressed. The MSPH also gives importance to social, legal, and ethical issues concerns. There is emphasis and sufficient opportunity for conducting research; students are sufficiently prepared to pursue further graduate work (e.g., PhD degree) or pursue a career in an academic institution.

The MSPH in Occupational Health includes an [occupational/preventive medicine residency program](#) that is accredited by the Accreditation Council for Graduate Medical Programs. The residency program option is a two year concurrent academic and practicum with academic work in the evenings while the practicum takes place during the day.

In addition to the overall [Master of Science in Public Health](#) degree competencies, *Occupational Health* graduates will be able to:

1. Summarize the history and social context of occupational medicine and their influence on workers' health;
2. Identify human and physical factors affecting workers health including geographic, socioeconomic and lifestyle characteristics;
3. Relate fundamentals of epidemiologic principles to the incidence of work related health problems and conditions;
4. Use appropriate research principles and practices in investigating, controlling and preventing occupational health hazards and conditions;
5. Apply principles of toxicology in the manifestation of exposure related illnesses and identify illnesses not related to exposures including psychological disorders;
6. Work effectively within the health and safety programs in industries of major importance to Florida and the nation;
7. Analyze the role of government regulations, insurance policies and procedures along with the ethical and legal ramifications in treatment and prevention of work related conditions and injury;
8. Develop a strategy for a preventive program on a health related issue in the workplace from such items as blood borne pathogens, ergonomics, respiratory protection, general preventive medicine, etc.;
9. Focus research activities on specific regional workforce needs; and

10. Be able to communicate a thorough understanding of occupational and environmental medicine and critical research needs in the field.

**Prerequisites**

- Public health course prerequisites: None required.
- Suggested/preferred undergraduate majors: Majors that prepared candidates for matriculation into medical school; undergraduate majors in other clinical disciplines, e.g. nursing, physical therapy, occupational therapy are acceptable.
- For residency program: Acceptance into the residency requires graduation from an approved medical school and completion of at least two years of clinical training in a primary care specialty. Consideration will also be given for resident applicants with considerable occupational medicine practice experience and only one year of residency training.
- Prerequisite undergraduate courses: Clinical courses associated with a clinical profession.
- Work experience:
  - Residency Program: Two years of a primary care specialty residency program is preferred. Candidates with significant experience or skills will be considered with one year of primary care training.
  - Other health professionals: two years clinical experience preferred.
- Minimum undergraduate GPA:
  - Residency program or other physicians with a valid U.S. unrestricted medical license
  - Other health professionals 3.0 in last 60 credits of undergraduate program and a valid clinical license.
- GRE Score:
  - Residency Program: waived with documentation of unrestricted valid U.S. medical license.
  - Other health professionals: 450 minimum Verbal score, 550 minimum Quantitative score.

**Electives**

- It is expected that students will pursue electives that are of most interest to them personally and professionally. They are encouraged to choose a diversity of topics in order to foster a well rounded educational experience.
  - PHC 6350 Occupational Health Risk Assessment (3)
  - PHC 6370 Biological and Surface Monitoring (2)
  - PHC 6361 Ergonomics (2)

**Additional Links**

- [College Master of Science in Public Health degree requirements](#)
- [Department Specific Guidelines](#) for Special Project, Field Experience, Comprehensive Exam
- [Academic and Student Affairs](#): Registration, Academic Procedures, etc.
- [Tuition and Financial Aid](#)
- [College Admission Requirements](#)
- [Course Descriptions](#)

College of Public Health - Program Curriculum Check Sheet						
<b>Name:</b>			<b>Dept:</b> <b>EOH</b>			
<b>Advisor:</b>			<b>Degree:</b> <b>MSPH</b>			
<b>Semester/Year Accepted:</b>			<b>Concentration:</b> <b>Occupational Health</b>			
Any grade below a C (C- to F) is required to be retaken. The grade will be included in the student's GPA.						
College Core Courses			Total Needed	15	Grade	Term/Year Taken
PHC	6000	Epidemiology		3		
PHC	6050	Biostatistics I		3		
PHC	6102	Principles of Health Policy and Management		3		
PHC	6357	Environmental and Occupational Health		3		
PHC	6410	Social and Behavioral Sciences Applied to Health		3		
Required Concentration Courses			Total Needed	23		
PHC	6356	Industrial Hygiene		2		
PHC	6351	Occupational Medicine for Health Professionals		3		
PHC	6364	Industrial Hygiene Aspects of Plant Operations		2		
PHC	6360	Safety Management Principles and Practices or other approved safety course		2		
PHC	6930	Seminar in Occupational and Environmental Research (1 credit each semester for a minimum of 4 semesters)		4		
PHC	6423	Occupational Health Law		2		
PHC	6354	Safety and Health Administration		2		
PHC	7019	Occupational Epidemiology		3		
		Select ONE of the following:				
PHC	6310	Environmental/Occupational Toxicology		3		
PHC	6350	Occupational Health Risk Assessment		3		
Electives (See notes on previous page)			Minimum Needed	2		
Culminating Experiences			Total Needed	6		
PHC	6971	Thesis		6		
		Comprehensive Exam (2 credit hour enrollment required)		0		
<b>Minimum 46 credit hours</b>			<b>Total GPA Hours</b>			<b>GPA</b>
			<b>Total Hours Attempted</b>			
Rev Fall2009			The College Reserves All Rights to Repeal And/or Modify			