

UIC School of Public Health Student Handbook 2005-2006

Joint Degrees

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Medicine

The UIC College of Medicine (COM) and the School of Public Health (SPH) offer a five-year program of study leading to joint MD/MPH degrees.

Graduates of the joint MD/MPH program are well-poised to keep pace with the increasingly complex and inter-related fields of medicine and public health. Medical students in the combined degree acquire rudimentary epidemiologic and statistical concepts enabling them to understand population-based health phenomena, skills to successfully manage limited health resources, and principles of community and environmental health which bear on the health of the population. More advanced public health courses enable the student to augment his or her medical training with a deeper understanding in one of the following disciplines: epidemiology, health policy and administration, community health sciences or environmental and occupational health sciences.

Admission to the Program

Students are encouraged to apply to the joint degree program at the outset of their training. However, in unusual circumstances, medical students may apply to the joint program during their first year of medical school. Incoming students must apply to and be accepted by both the College of Medicine and the School of Public Health; students who choose the dual-degree program should therefore have higher-level academic talent to accomplish the goals of the combined program. Applicants to the School of Public Health must select one of the School's four divisions: Community Health Sciences, Epidemiology and Biostatistics, Environmental and Occupational Health Sciences or Health Policy and Administration, at the time of application.

Students who choose the dual-degree program should have higher-level academic talent to accomplish the goals of the combined program.

Program of Study

The joint MD/MPH degree program is a five year program of study. Students in the program must satisfy requirements of the Masters of Public Health Professional Enhancement Program (PEP), a 34 to 39 semester hour program, and satisfy four years of the required Medical Degree program of study. The student's public health studies will vary depending on the selected division.

Progression Through the Program

Students are encouraged to take advantage of the summers before and after the College of Medicine (M1) year to complete some of the MPH core course requirements. Concurrent public health course work during the M1 through M3 years is discouraged. However, SPH night or computer courses might be allowed at the discretion of the advisors (subject to approval of the COM program governing body or Senior Associate Dean and the SPH Associate Dean for Academic Affairs) for select students who have established excellent academic standing in both the College of Medicine and School of Public Health.

Typically, the fourth year of the five-year program will be dedicated to completing the core requirements and much of the elective course load of the Master of Public Health degree. In the fifth year, students complete all M4 requirements including the medicine sub-internship and the core sub-specialty rotations, the SPH capstone experience, and College of Medicine clinical electives which may be satisfied by approved course work in the SPH.

An alternate route to completing the joint program permits medical students to complete their M1 through M4 years in succession followed by a year of concentrated study in public health. This latter route is discouraged for students who are interested in a highly competitive medical residency program.

Contact Information

For further information, contact Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs at the School of Public Health, at 312/996-5381 or email bjn@uic.edu. For further information about the College of Medicine call 312/996-5635 or email medadmit@uic.edu.

Dentistry

A combined DDS/MPH degree program is available for students in good standing in the College of Dentistry at UIC. For further information, contact Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs, at (312) 996-5381 or email bjn@uic.edu.

Business Administration

The College of Business Administration and the School of Public Health offer a program of study leading to the Master of Business Administration and the Master of Public Health. The joint MBA/MPH program is designed for baccalaureate-prepared students who are seeking health care and business preparation for health care executive positions in government, hospital systems, long-term care, health maintenance organizations, planning/regulatory bodies, and consulting.

Admission to the Program

To enter the program, a person must make separate applications and be admitted to both the Master of Business Administration program and Master of Public Health program. Admission to the Master of Public Health program is through one of the School's four academic divisions. The policies of each program with respect to admission requirements, degree requirements, and other academic requirements are applicable.

Program of Study

Students must complete a minimum of 70 semester hours of appropriate graduate work through a combination of core and elective courses to satisfy the joint degree requirements. Most students will complete the joint degree in two and one-half years on a full-time basis or in three and one-half years on a part-time basis.

MBA Core Requirements (24 sh)

ACTG 500 Introduction to Financial and Managerial Accounting (4 sh)

ECON 520 Microeconomics for Business Decisions (4 sh)

FIN 500 Introduction to Corporate Finance (4 sh)

IDS 532 Decision Models & Information Systems II (4 sh)

MGMT 541 Organizational Behavior (4 sh)

MKTG 500 Introduction to Marketing (4 sh)

MPH Core Requirements (16 sh)

BSTT 400 Biostatistics I (3 sh)

EPID 400 Principles of Epidemiology (3 sh) OR

EPID 403 Introduction to Epidemiology: Principles and Methods (3 sh) depending on division requirement

CHSC 400 Public Health Concepts and Practices (3 sh)

EOHS 400 Principles of Environmental and Occupational Health Sciences (3 sh)

CHSC 401 Behavioral Sciences in Public Health (3 sh)

IPHS 698 Capstone Experience (1 sh)

Elective hours must raise the total hours for the joint degree to at least 69-70 sh depending on the division:

MBA Electives (12 sh)

Students must take at least three elective courses (twelve semester hours) from courses offered within at least two departments in the College of Business Administration. Students also have the option to complete a concentration if desired.

MPH Electives (18-23 sh)

Students must satisfy requirements of one of the public health disciplines offered by the School of Public Health. For some divisions more than the minimum number of credit hours must be completed.

Contact Information

For further information, contact Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs, at the School of Public Health, 312/-9996-5381 or email bjn@uic.edu; or Rebecca Olvera, Liautaud Graduate School of Business, 312-996-4573 or email rolver1@uic.edu; or visit the Masters of Business Administration website at: www.uic.edu/cba/mba.

Nursing

The UIC College of Nursing and the School of Public Health offer a program leading to two degrees: the Master of Science (MS) in Nursing with specialization in public health nursing and the Master of Public Health (MPH) with specialization in community health.

The joint-degree program is designed for registered nurses seeking an advanced nursing degree and public health experience to prepare them for high-level administrative, consulting, and leadership positions in the public health field. Nurses who complete the joint-degree program will be well prepared to take leadership positions in a variety of settings and programs that are community-based or population-focused. The joint-degree program helps nurses to integrate clinical knowledge and administrative expertise with public health practice to improve the delivery of health services in a variety of settings.

Admission to the Program

Nurses interested in this program must be admitted separately to both the School of Public Health (SPH) through the Community Health Sciences Division (CHS) and the College of Nursing (CON) through the Department of Public Health, Mental Health and Administration (PMA).

Program of Study

The following 56-58 credit program is tailored to accommodate full-time students working to complete both degrees in two academic years. The required coursework also can be completed on a part-time basis up to four years. Courses designated with an asterisk (*) meet both CON and SPH/CHS degree requirements.

SPH Core Courses (16 semester hour credits)

*BSTT 400 Biostatistics I (3 sh)

CHSC 400 Public Health Concepts and Practice (3 sh)

EOHS 400 Principles of Environmental Health Sciences (3 sh)

*EPID 403 Principles of Epidemiology (3 sh)

CHSC 401 Behavioral Sciences in Public Health (3 sh)

IPHS 698 Capstone Experience (MPH Master's Paper) (1 sh)

CHS Core Requirements (12 semester hour credits)

*CHSC 431 Community Assessment in Public Health (3 sh)

*CHSC 433 Program Planning and Evaluation (3 sh)

CHSC 480 Health Education and Health Promotion (3 sh)

XXXX xxx Choose one of the following: CHSC 527, CHSC 543, or HPA 430 (3 sh)

CHS Field Experience (3 or 5 semester hour credits)

IPHS 650 Field Experience in Public Health -- a CHS capstone experience
(Students approved for a 3 sh field experience must complete an additional 2 sh of SPH course-work)

CON Courses (23-25 semester hour credits)

*NUPH 505 Nursing Systems Operation Management (3 sh)

NUPH 507 Advanced Community Health Nursing: Introductions & Interventions (4 sh)

NUPH 512 Healthcare Human Resource Management (3 sh)

*NUPH 517 Budget and Finance of Health and Nursing Services (3 sh)

*NUSC 526 Nursing Inquiry I (2 sh)

*NUSC 527 Nursing Inquiry II (2 sh)

NUSC 528 Health, Environment, and Systems (2 sh)

NUSC 529 Issues of Advanced Practice in Nursing (1 sh)

NUSC xxx Choose one of the following: NUSC 597 Project Research (3 sh) or NUSC 598 Thesis Research (5 sh)

Nurses take both CON and SPH courses to satisfy the degree requirements of the joint program. A faculty advisor is assigned from each academic department to assist the student. Within CHS, students focus on assessing public health needs and developing community-based programs and interventions. Students are strongly encouraged to take elective courses in the areas of behavioral sciences and health promotion, maternal and child health, gerontology, or public health practice.

CHS Field Experience

The curricula for both the MS in Nursing and the MPH include an extensive community-based practicum that each student selects. The practicum and the Master's Paper represent the capstone/culminating experience in the CHS curriculum. The practicum provides an opportunity for nurses to move from acute care to community-based practice. The practicum provides an opportunity for nurses to move from acute care to community-based practice. Since a student chooses a practicum site based on his or her interest, the practicum serves as a stepping-stone for moving into the community setting and into leadership roles that involve program development and administration. While maintaining a focus on research, the MS in Nursing program prepares nurses for advanced practice roles with emphasis on nursing sciences; knowledge of health systems and environment; and an understanding of professional issues of advanced practice roles. Students who have been approved for the 3-credit field experience are required to take an additional SPH course of at least 2 credits. The CHS practicum requirements are described fully elsewhere in this handbook.

Contact Information

For further information, contact: Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs, at the School of Public Health, 312-996-5381 or email bjn@uic.edu, or Sheryl L. Stogis, RN, DrPH, Assistant Clinical Professor, Department of Public Health, Mental Health and Administrative Nursing, College of Nursing, 312-355-2041 or email sheryls@uic.edu.

Law

The UIC School of Public Health (SPH) and the Chicago-Kent College of Law, Illinois Institute of Technology offer a coordinated program leading to the Juris Doctor (JD) and the Masters in Public Health (MPH).

The goals of this Coordinated Program include (1) providing students with a core understanding of the ways in which law and public health work together, (2) enhancing the educational value of each degree by coordinating respective curricula, and (3) helping develop a well-trained group of professionals capable of addressing issues at the intersection of public health, medicine, and law.

Admission to the Program

To be considered for admission students must take the LSAT, have earned a baccalaureate degree from an accredited institution, and satisfy other application requirements for each institution. Applicants who are accepted into both schools will be considered enrolled in the Coordinated Program. Applicants who are accepted into one school, but not the other, will be given the option of accepting matriculation to that school. Students in the Coordinated Program will have the option of starting at either institution, and will have to comply with that institution's rules for enrollment.

Program of Study

Both programs may be completed in 3 ½ years for full-time law students and 4 ½ years for part-time law students. Students in the program will be assigned faculty advisors chosen from among the attorneys on the faculty of the School of Public Health and from the faculty members engaged in health-related issues at Chicago-Kent. Each student will be assigned one advisor from each school.

Students must complete one year of course work (or the equivalent) at SPH through the Health Policy and Administration Division (HPA) of the school. Students' work at UIC will qualify for twelve hours of elective credit at Chicago-Kent (approximately one semester's work). During the remaining semesters at Chicago-Kent, the students will be required to meet all other curricular requirements of the law school. Students may begin their study by attending either school first, but cannot take courses at both schools during the same semester without special approval by both schools.

Masters of Public Health Coursework

The MPH component will consist of at least 37 to 39 semester hours of course work. This includes the Core Required Courses (19 semester hours) and at least 15 semester hours of electives decided upon in collaboration with the student's faculty advisor.

Students must also complete the School's field practicum experience (at least 300 hours of professional work in the student's field of study) (3-5 semester hours) and satisfy the School's capstone requirement. To satisfy the capstone requirement, students must demonstrate their ability to integrate concepts, theories and skills from the core public health disciplines into analysis of a public health issue, program or policy. This requirement will likely be achieved through participation in a Chicago-Kent health-related seminar, although students may use their practicum experience as the basis of compliance with this requirement.

Law School Coursework

Students must meet all of the law school academic requirements for graduation. In the first year of study, students will take all required courses, including Torts, Contracts, Real Property, Criminal Law, Civil Procedure, Justice and the Law, Legal Research and Legal Writing - in the same sequence as other law students, as well as non-health-related electives. To meet graduation requirements, students must complete a total of 75 credit hours in addition to the 12 credits they receive for the SPH course work upon successful completion of the MPH requirements.

While the student is at one school, he or she will be considered on official leave of absence at the other school. Students will pay the tuition and fees of the school at which they are taking classes. Upon completion of both programs, the student will be awarded both degrees.

Location

The IIT Kent College of Law is located in a new state-of-the-art building on the west end of Chicago's downtown loop. Metropolitan Chicago is the home of seven medical schools; major health organizations (e.g., American Hospital Association, American Medical Association, Joint Commission on Accreditation of Health Care Organizations); the American Bar Association and large health care companies such as Baxter and Abbott Laboratories. These resources provide a rich environment for study and field placement experiences for students pursuing the coordinated degree.

Contact Information

For further information about the MPH please contact: contact Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs, at 312/996-5381 or email bjn@uic.edu; address: 1603 West Taylor Street (MC 923), Chicago, IL 60612-4394.

For further information about the JD please contact, Harold J. Krent, JD, Dean, Chicago-Kent College of Law, IIT, at (312) 906-5397 or email hkrent@kentlaw.edu; address: 565 West Adams Street, Chicago, IL 60661.

Veterinary Medicine

The College of Veterinary Medicine at the University of Illinois Urbana-Champaign (UIUC) and the School of Public Health at UIC offer a joint degree program leading to the Doctor of Veterinary Medicine (DVM) and Master of Public Health (MPH) degrees. Joint degree students will be awarded their degrees by the respective campuses upon successful completion of both programs.

Veterinarians have played an historically long and essential role in protecting the public's health as many human diseases have animal vectors and animals frequently serve as sentinels signaling environmental degradation and human disease potential. Naturally occurring outbreaks of SARS, avian flu virus, West Nile virus, monkeypox and tularemia in prairie dogs illustrate the need for highly qualified persons trained in zoonosis and public health epidemiology. Bioterrorist threats further the demand for these specially trained individuals.

Veterinary students in the combined degree will acquire epidemiologic and statistical concepts enabling them to understand population-based health phenomena and principles of community and environmental health which bear on the health of the population. More advanced public health courses in epidemiology will strengthen the student's veterinary training.

Admission to the Program

Students must meet the admissions criteria of, and be accepted into, both the UIC School of Public Health MPH program and the UIUC College of Veterinary Medicine DVM program. DVM students must have earned a baccalaureate degree to qualify for admission to the joint degree program.

Program of Study

The joint DVM/MPH degree program is a five-year program of study. Students in the program must satisfy requirements of the Masters of Public Health Professional Enhancement Program (PEP), a 35 to 39 semester hour program, and satisfy four years of the required Veterinary Medicine Degree program of study.

DVM/MPH Course-work

DVM Requirements

First Year

Fall	VB 300	Gross Anatomy I	5
	VB 301	Veterinary Histology	5
	VB 310	Neurobiology	3
	VB 315	Physiology I	4
	VCM 328	Veterinary Clinical Orientation I	1
		Semester Total	18
Spring	ANSCI 325	Principles of Animal Nutrition	3
	VB 302	Gross Anatomy II	4
	VB 316	Physiology II	4.5
	VCM 329	Veterinary Clinical Orientation II	1
	VP 332	Veterinary Immunology	3
		Semester Total	15.5

Second Year

Fall	VB 318	Pharmacology I	2.5
	VCM 372	Veterinary Jurisprudence*	1
	VP 331	Bacteriology and Mycology	4
	VP 333	Veterinary Parasitology	4
	VP 334	General Pathology	4
	VP 350	Epidemiology	2
		<i>may substitute EPID 403 Intro to Epid: Principles & Methods</i>	
		Semester Total	17.5
Spring	VB 319	Pharmacology II	3
	VCM 330	Companion Animal Medicine I*	2
	VCM 331	Companion Animal Medicine II*	3
	VCM 358	Clinical Proc. & Prob Solving I	1
	VP 335	Special Pathology	4
	VP 337	Virology	3
	VP 338	Veterinary Clinical Pathology	4
VP 341	Food Hygiene and Public Health	2	
		Semester Total	22

Third Year

Fall	VB 320	Toxicology	2
	VCM 332	Companion Animal Medicine III*	3
	VCM 333	Companion Animal Medicine IV*	2
	VCM 359	Clinical Proc & Pro. Solving III	1
	VCM 351	Introduction to Surgery*	1
	VCM 352	General Small Animal Surgery*	1.5
	VCM 353	General Large Animal Surgery*	1.5
	VCM 375	Theriogenology	4
	VCM 376	Anesthesiology and Fluid Therapy	2
	Semester Total	18	
Spring	VB 324	Food Animal Nutrition*	2
	VB 326	Companion Animal Nutrition*	1
	VCM 334	Food Animal Medicine	5
	VCM 360	Clinical Proc. & Prob Solving III	1
	VCM 336	Cardiology and Critical Care	2
	VCM 354	Special Small Animal Surgery*	2.5
	VCM 355	Special Large Animal Surgery	2.5
	VCM 367	Radiology and Radiobiology	3
	VP 343	Diseases of Poultry	1
	Semester Total	18-20	

Fourth Year**MPH Requirements, Epidemiology Concentration**

EPID 403	Intro to Epid: Principles & Methods	3
	<i>may substitute VP 350 Epid & VP 417 Principles & Methods of Epid</i>	
BSTT 400	Biostatistics 1	3
	<i>may substitute VP 391 Biostatistics</i>	
HPA 400	Principles of Management	3
CHSC 400	P H Concepts & Practices	3
EOHS 400	Principles of Env. Health Sciences	3
CHSC 401	Behavioral Sciences	3
EPID 404	Intermed. Epidemiologic Methods	4
EPID 406	Epidemiologic Computing	2
EPID 410	Epid of Infectious Diseases	2
	<i>may substitute VP 416 Epidemiology of Infectious Diseases</i>	
EPID 591	Current Epidemiologic Literature	2
BSTT 401	Biostatistics II	4
	<i>may substitute VP 491 Design and Analysis of Biomedical Experiments</i>	
EPID 411	Epidemiology of Chronic Diseases	3
IPHS 650	Field Experience in Public Health	3-5
IPHS 698	MPH Capstone Experience	1

* Up to 12sh of these required MPH courses may also count toward the 12sh of free electives required of DVM students during their 4th year clinical rotations.

** Substitutions are subject to the approval of School of Public Health faculty.

Fifth Year

4th year DVM Clinical Rotations

Progression Through the Program:

Veterinary students will ordinarily complete Years 1 through 3 of their veterinary training at UIUC, while taking some public health courses online and/or completing courses deemed equivalent to required SPH courses within the graduate programs of Veterinary Pathology and Veterinary Biosciences. DVM students will spend a minimum of two semesters (fall and spring) in residence at the UIC School of Public Health following their third year of veterinary training. Students are encouraged to spend a summer in Chicago to complete their field experience and capstone project in a public health related setting. Students will return to UIUC to complete their fourth year clinical rotations.

Contact Information

For further information about the MPH program, contact Babette J. Neuberger, JD, MPH, Associate Dean for Academic Affairs at the School of Public Health, at 312/996-5381 or email bjn@uic.edu. For further information about the DVM program, contact Gerald J. Pijanowski, D.V.M., Ph.D., Associate Dean for Academic and Student Affairs, College of Veterinary Medicine, University of Illinois at Urbana-Champaign, 217/333-1192; or email admissions@cvm.uiuc.edu.

MD/PhD Training Program

Our society has a need for physicians who are accomplished population-based researchers as well as competent clinicians -- individuals whose skills can bring the powers of epidemiology and biostatistics to bear on the problems of clinical medicine that have both individual and community effects. MD/PhD training in epidemiology and/or biostatistics provides an extended period of study in the etiologic and methodologic approaches of population-based health research in concert with complete medical school education. Application is normally made at the time of application to the College of Medicine; however, applicants will also be considered during their first two years of medical training. Students must apply to the MD/PhD Training Program and to the College of Medicine, and indicate in their application that they are interested in a PhD in epidemiology or biostatistics. Criteria for admission to the Program include academic excellence, prior research experience, potential for independent and creative research, and commitment to a career in academic medicine. Students receive a stipend throughout their years of study. Students interested in further information may contact Dr. Sylvia Furner, Senior Associate Dean, SPH, telephone: 996-5013; email: sefurner@uic.edu; or the MD/PhD Training Program: Dr. Larry Tobacman, Director, phone: 312- 413-1010, e-mail: lst@uic; Roberta Bernstein, Coordinator, phone: 312-996-7473, e-mail: roberta@uic.edu.