

Master of Science in Medical and Healthcare Simulation (MSMS)

The Master of Science in Medical and Healthcare Simulation (MSMS) program is a unique, two year program which is the first of its kind to offer advanced training in simulation teaching, curriculum design, and the fundamentals of simulation research. This degree program will prepare the student for an academic career in medical simulation via quality effective simulation based healthcare education, research, management, leadership and teamwork skills. The blended instructional approach consists of primarily online coursework combined with three, week long on-campus immersive simulation practicums.

The goal of this program is to provide the scientific and educational foundation to expose and prepare graduate-level students with background training in healthcare for a transition into an enduring productive educational and research career in simulation. This program is intended for individuals with prior training and/or experience in healthcare to provide a much broader base of education in simulation based medical education than currently exists in one format anywhere else in the country.

Faculty in the MSMS program will be from inter-professional simulation experts from within Drexel University's School of Nursing and Allied Health Professions, the iSchool and the College of Medicine. In addition, there are also individuals from a variety of healthcare professions and educators locally and nationally who will teach as instructors. The Master of Science Degree in Medical and Healthcare Simulation (MSMS) will provide students with a core, detailed focus on the many facets of simulation based medical education while simultaneously providing those students with multiple options to pursue related areas of interest upon graduation.

For consideration for acceptance into the MSMS, the qualified candidate should have the following:

- Four-year bachelor's degree, nursing degree program or equivalent with a preferred GPA of 3.0
- Healthcare experience and interest in medical and healthcare simulation
- Evidence of previous standardized test scores, including GRE and MCAT, if taken
- Three professional references
- Satisfactorily completed background check

Additional experience including publications, teaching evaluations and specialized training will also be considered as criteria for acceptance into the MSMS program.

Program Curriculum

The MSMS curriculum will be delivered in a blended instructional format. The majority of courses will be delivered online with both synchronous and asynchronous instruction. In addition three, one week intensive simulation practicums will take place in the Center City campus at Drexel University College of Medicine. The MSMS curriculum includes the following:

Required Courses:

- Simulation Curriculum Design (3 credits)
- Biostatics and Healthcare Literature (3 credits)
- Principles of Assessment: Measurement Theory, Assessment Principles and Tools (3 credits)
- Debriefing in Simulation (3 credits)
- Simulation Laboratory Practicum I, II, and III (4 credits each)
- Capstone (3 credits)

Elective Courses (12 credits):

- High Fidelity, Low Fidelity and Task Trainers (3 credits)
- Inter-professional Education (3 credits)
- Patient Safety and Simulation (3 credits)
- Adult Learning in Healthcare (3 credits)
- Sponsored Projects Finance (3 credits)
- Scientific Writing and Medical Literature (3 credits)
- Strategic Planning (3 credits)
- Leadership Skills (3 credits)

Successful Program Completion

Students who complete all the required and elective courses to satisfy the 39 credit completion requirement and who achieve a cumulative GPA of 3.00 or better will be awarded the Master of Science in Medical and Healthcare Simulation degree. Students who are eligible to receive the degree will also be invited to attend the commencement ceremony with all graduating students from the College of Medicine.

Program Tuition and Fees

Tuition for the 2014–2015 academic year:

- \$1050 per credit for part-time enrollment

Financial Aid

Information about Financial Aid to fund your educational program may be found on our website at: <http://drexel.edu/drexelcentral/>

Office of University Student Affairs

The Office of University Student Affairs centralizes, coordinates, and provides co-curricular programs, services, activities, and opportunities for all Drexel University students. Student Affairs provides opportunities that enhance and complement the student's academic experiences, offers assistance in times of personal difficulty, and engages with students in the fullness of human growth and development through recreation, study, and service. In keeping with the University's commitment to diversity, the Office of University Student Affairs encourages programs that help students develop an appreciation for people from diverse backgrounds and life experiences. The office also provides services for students with disabilities.

Office of Residential Life

Stiles Alumni Hall houses up to 315 undergraduate and graduate students from the Center City Hahnemann and Queen Lane campuses. For more information, call 215-533-7400 or 215-895-6055, or visit the Student Affairs website at www.drexel.edu/studentaffairs.

The Center for Academic Success

The Center for Academic Success provides comprehensive academic support services. Individual or small group tutoring is offered for all courses in the schools. Study skill assistance in the form of personal consultations with study skill advisors as well as workshops, printed materials, videos, and software is available. Students are able to use the microcomputer lab, audiovisual aids (text, video, and models), computer-assisted instruction, and reference text located in the center. The center is located on the first floor of the New College Building and is open Mondays through Thursdays, 8 a.m. to 8 p.m., and Fridays, 8 a.m. to 5 p.m. For information, contact the center at 215-762-8121.

Academic Resources

Libraries

Three library sites serve the educational, clinical, and research needs of Drexel University. The two Health Sciences Libraries house approximately 100,000 volumes, approximately one-third of which are books. The Libraries subscribes to 32,697 electronic journals, of which more than 10,000 are health sciences titles. The Libraries provide access to approximately 4,000 electronic books in the health sciences.

The Libraries offer access to nearly 500 electronic databases, of which 53 are specifically in the health sciences. Major databases include PubMed, PsycINFO, CINAHL. Library collections are searchable through an online catalog, onsite and remotely, and all electronic resources are available onsite and remotely as well.

The Health Sciences Libraries' staff provides instruction, consultation, and reference assistance, both online and in person.

Bookstore

The University Store is the official full-service store for the Center City Hahnemann Campus. It stocks all required and recommended texts for all courses taught at the campus, as well as an extensive selection of reference titles and electronic media for undergraduate and graduate medical and health sciences education. A special-order service for any book in print is available.

The University store also carries a full line of medical instruments, lab coats, stationery, school supplies, insignia clothing, giftware, greeting cards, general reading materials, computer software, and accessories. Film processing and a college ring ordering service are also available. Visa, MasterCard, American Express, Discover, and personal checks are welcome. The store is open Monday through Friday, 9 a.m. to 5 p.m.

Student Counseling Center

The Drexel University Counseling Center provides free, confidential individual, couples, and group psychotherapy on a short-term basis to Drexel students. Typical problems include managing adjustments to the school environment, depression, anxiety, relationship problems, stress, test anxiety, eating problems, sleep problems, and management of existing psychiatric conditions. A range of free workshops on a variety of topics, from stress management and test anxiety to parenting techniques and healthy eating habits, are presented throughout the year. The Counseling Center is staffed by licensed psychologists and perdoctoral trainees from area institutions. A consulting psychiatrist is also available for center clients.

Career Development Center

The Career Development Center provides information and resources to assist post-baccalaureate students in making informed career decisions. The Career Center provides a range of services including individual advising, resume/CV preparation and review, interview preparation, mock interviews, job search resources, and professional and career development programs and workshops. The Career Development Center also maintains a website designed to provide students with a wide range of online resources.

Philadelphia

From its oldest neighborhoods, rich in history and architecture, to the newest outdoor riverfront clubs, where the rhythms of rock, folk, and jazz fill summer nights, Philadelphia is a city suited to every taste.

In Philadelphia you can see the Liberty Bell, walk through Independence Hall, enjoy the world-famous Philadelphia Orchestra or Pennsylvania Ballet, spend hours in the Philadelphia Museum of Art, or spend an afternoon at one of several science or cultural museums or the nation's oldest zoo. Sports fans will find a team for every season. Those looking for nightlife will find hundreds of restaurants as well as theaters, concerts, and clubs. Beautiful Fairmount Park, the largest urban park system in the nation, is just blocks away, with miles of walkways and biking, hiking, and jogging trails.

Important Phone Numbers

Office of Professional Studies in the Health Sciences
215-762-4692

Office of Residential Life
215-895-6155

Drexel Central
215-895-1600

For More Information

Drexel University College of Medicine
Office of Professional Studies in the Health Sciences
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www.drexelmed.edu/MSsim

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