

The Graduate College of the University of Oklahoma Health Sciences Center (OUHSC) is the educational center for training of world-class biomedical researchers. The Graduate College grants Master of Science and Doctor of Philosophy degrees and is home to approximately 300 graduate students in 32 nationally and internationally recognized research-based programs. Graduate College programs are housed in the Colleges of Allied Health, Dentistry, Medicine, Nursing, Pharmacy and Public Health on the OUHSC campus. The OU-Schusterman Center in Tulsa offers OUHSC Graduate College courses in allied health and public health.

The Graduate College is committed to training the next generation of biomedical researchers who will identify the basis of human diseases and develop the means to translate these findings to clinical treatment of disease. OUHSC research spans topics from clinical and infectious diseases and drug design through basic biomedical research to rehabilitation sciences, nutritional sciences, nursing sciences, epidemiology and other population studies. Research funding received from extramural grants enables graduate faculty mentors to employ many students pursuing MS and PhD degrees as graduate research assistants with a stipend up to \$27,000, depending on the program.

The University of Oklahoma Health Sciences Center is the cornerstone of the OU Medicine complex with member organizations ranging from cutting-edge biotechnology companies to hospitals, clinics, government, education, health care and community support institutions, and the Oklahoma Medical Research Foundation, an internationally recognized private biomedical research center. Graduate students have the opportunity to train with faculty at all of these organizations. The campus is five minutes by car from downtown Oklahoma City, which offers a variety of cultural and sporting events. Tulsa is two hours away by car. The Norman campus of the University of Oklahoma, where OU football games and other athletic and cultural events are held, is 30 miles away.

GRADUATE DEGREE AREAS

Graduate Program in Biomedical Sciences. The programs in Biochemistry & Molecular Biology, Cell Biology, Microbiology & Immunology, Neuroscience, Pathology, Pharmaceutical Sciences and Physiology contribute to a one-year interdisciplinary program called the Graduate Program in Biomedical Science (GPiBS) to prepare students for career choices in the biomedical sciences. These students spend the first year taking an interdisciplinary, research-based biomedical curriculum. At the end of the first year, students choose a faculty mentor and enter a specific degree-granting program.

Allied Health Graduate Programs (MS, PhD). PhD degree programs in Nutritional Sciences or Rehabilitation Sciences are available through the Department of Allied Health Sciences. The Department of Nutritional Sciences offers an MS degree and the Department of Communication Sciences and Disorders offers MS and PhD degree programs in Speech Pathology and Audiology.

Dentistry Graduate Programs (MS) To meet the need for patient care and research in the field of orthodontics, the MS program in orthodontics prepares dental graduates to manage the full range of dentofacial discrepancies which fall within the responsibility of the orthodontist. The MS program in periodontics is directed toward providing opportunities for the development of expert clinicians and teachers who have a background of comprehensive clinical experience, current basic science knowledge relevant to dentistry and research methodology.

Biomedical Graduate Programs (MS, PhD) The College of Medicine biomedical science departments and programs provide an opportunity for in-depth study and research in biomedical sciences. Graduate programs include Biochemistry & Molecular Biology, Cell Biology, Microbiology & Immunology, Neuroscience, Pathology, Physiology, Genetic Counseling, and Radiological Sciences.

The College of Medicine also administers the MD/PhD program. Students accepted into the program enroll in the first two years of medical school, then enter a graduate program completing doctoral research and a PhD degree, then complete the last two years of medical school. Applicants accepted in the seven-year program receive tuition and a stipend for all years in the program.

Nursing Graduate Program (PhD) This online program is designed to prepare nurse scholars to advance the science, art and practice of the discipline. Doctoral preparation in nursing promotes knowledge development, organization and application of theory and evidence-based scholarly nursing practice and prepares nurses to develop and utilize knowledge in many roles, including researcher, educator, administrator, clinician and health care policy maker.

Pharmacy Graduate Programs (MS, PhD) The Graduate College offers both MS and PhD degrees in pharmaceutical sciences. Pharmaceutical sciences graduate students may choose one of six major areas of specialization; individual programs of study and research projects within each of these areas are quite diverse because of interdisciplinary activities of the department. Each degree program is designed to prepare scientists-educators for careers in pharmaceutical education, research, industry and related areas of specialized practice.

Public Health Graduate Programs (MS, PhD) The Graduate College offers programs leading to MS or PhD degrees in the Department of Biostatistics and Epidemiology, Department of Occupational and Environmental Health, and the Department of Health Promotion Sciences. Areas of concentration in the Department of Biostatistics and Epidemiology include applied biostatistics, statistical methodology and epidemiology of chronic and infectious disease. The Department of Occupational and Environmental Health focuses on environmental health, environmental management, occupational health and environmental epidemiology/toxicology. The Department of Health Promotion Sciences prepares public health professionals for leadership roles in the development and application of social and behavior science and educational theory as well as methods to solving community health problems.

Clinical and Translational Science (MS) The goal of the Master of Science in Clinical and Translational Science program is to prepare health professionals to become competent in the methodological foundations and conduct of clinical and translational research. Participants will develop competencies related to principles of qualitative research methods, quantitative research methods, clinical and translational research process and design, informatics, effective oral and written communication, human research ethics and responsible conduct of research, cultural competency, research management, and professionalism and career development.

CONTACT

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