

Graduate College

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 33 nationally and internationally recognized research-based programs. Graduate programs are offered 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, public health, and pharmacy.

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 is focused in the areas of cancer, diabetes, immunology/infectious diseases and neuroscience/vision. In the 2012-2013 academic year graduate students were involved in research projects totaling over \$35 million in extramural grants, were contributing authors on over 75 peer-reviewed papers and over 100 graduate students presented research findings at national and international scientific meetings. Research funding received from extramural grants enabled graduate faculty mentors to employ 300 graduate research assistants pursuing M.S. and Ph.D. degrees. These funds provide salary support for students during their doctoral training with the majority of students receiving an annual income of \$24,000.

The University of Oklahoma Health Sciences Center is the cornerstone of the Oklahoma Health Center complex with over 30 member organizations ranging from cutting-edge biotechnology companies to 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

Allied Health Graduate Programs (M.S., Ph.D.) The M.S. degree in nutritional sciences is offered through the Department of Nutritional Sciences and the M.S. degree in medical dosimetry is available through the Department of Allied Health Sciences. An M.S. degree and a Ph.D. degree program in Speech Pathology and Audiology is offered through the Department of Communication Sciences and Disorders. M.S. and Ph.D. degrees also are available through the Department of Allied Health Sciences.

Dentistry Graduate Programs (M.S.) To meet the need for patient care and research in the field of orthodontics, the M.S. program in orthodontics prepares dental graduates to manage the full range of dentofacial discrepancies which fall within the responsibility of the orthodontist. The M.S. 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.

Medicine Graduate Programs (M.S., Ph.D.) The biomedical science departments and programs provide an opportunity for in-depth study and research in biomedical sciences. There are eight graduate programs in the College of Medicine: Biochemistry and Molecular Biology, Cell Biology, Microbiology and Immunology, Neuroscience, Pathology, Physiology, Genetic Counseling, and Radiological Sciences.

Biochemistry and Molecular Biology, Cell Biology, Microbiology and Immunology, Neuroscience, Pathology, and Physiology contribute to a one-year interdisciplinary program to prepare students for career choices in the biomedical sciences called the Graduate Program in Biomedical Science (GPiBS). 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.

The College also offers the M.D./Ph.D. program, a combined degree program between the College of Medicine and Graduate College. This program admits up to five highly qualified individuals who are committed toward advancing knowledge of medicine through research and clinical exploration. 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.



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Nursing Graduate Programs (Ph.D.) The 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 (M.S., PharmD./M.S., Ph.D.) The Graduate College offers both M.S. and Ph.D. 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. The Ph.D. program contributes to a one-year interdisciplinary program to prepare students for career choices in the biomedical sciences called the Graduate Program in Biomedical Science (GPiBS). The Pharmacy Graduate Program also offers the dual PharmD./M.S. degree. Each of these degree programs are designed to prepare scientists-educators-practitioners for careers in pharmaceutical education, research, industry and related areas of specialized practice.

Public Health Graduate Programs (M.S., Ph.D.) The Graduate College offers programs leading to M.S. or Ph.D. degrees in three academic departments: 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.

CONTACT

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