



Master's in Biomedical Sciences Degree International Program in Clinical Research Management

UNT Health Science Center
Graduate School of Biomedical Sciences
Fort Worth, Texas

Dayananda Sagar Institutions
College of Biological Sciences
Bangalore, India



CRM Professionals in High Demand

Clinical Research involves the testing and determination of safety and efficacy of new, unapproved products such as pharmaceuticals, devices and biologics in human subjects. Well-trained clinical research professionals are in high demand. These individuals are key personnel involved in the conduct of clinical trials which, in turn, are pivotal in new product approval. The Master's program in Clinical Research Management provides you a strong foundation for a career in a field which the Association for Clinical Research Professionals confirms will provide 'plenty of job opportunities for the foreseeable future'.

Joint International Program

The University of North Texas Health Science Center at Fort Worth, Texas and Dayananda Sagar Institutions in Bangalore, India established an exchange program to promote the development of joint studies, research and training activities. The Twinning program, leading to an MS in Clinical Research Management will be administered jointly. The Master's Degree in Biomedical Sciences with a major in Clinical Research Management will be offered to successful candidates by the UNTHSC. Students from India will apply for and be accepted into the program by both DSI and the GSBS at UNT Health Science Center.

Innovative Curriculum

The rigorous curriculum provides students with a broad-based view of the biomedical sciences, and in-depth knowledge of U.S. Federal (FDA) and international (ICH) regulations and guidelines governing the conduct of clinical trials and the protection of human rights. A unique 26-week internship practicum under the supervision and mentoring of highly qualified clinical research professionals provides valuable on-the-job experience. The degree can be completed in 2 years. Students complete the integrated core curriculum, designed to provide a broad background in the biomedical sciences, including biochemistry, molecular and cell biology, physiology, pharmacology, immunology and microbiology. In addition, the curriculum includes specialized coursework in ethics, biostatistics, scientific communications, industry practice, good clinical practices, clinical trial regulations and the internship practicum. Students will begin at DSI in the summer semester. They will continue their coursework at UNTHSC in the 1st year Fall Semester. During their second summer semester students will complete a short Laboratory Internship Practicum at UNTHSC. Students will return to DSI, India to continue with their 2 semester Internship Practicum, which requires a research proposal, thesis and oral thesis defense.

You will learn:

- Current principles and practices in clinical research with investigational products.
- Laws, regulations, ethical and quality standards governing clinical trial implementation.
- Roles and responsibilities of members of clinical research teams.
- Perspectives and challenges of product manufacturer and investigational site.
- Insight in management aspects of clinical trials.

Application & Admissions Requirements

Students will apply and be accepted into the program by both DSI and the GSBS at UNT HSC. Successful applicants must have:

- A bachelor's degree or its equivalent from a regionally accredited institution; we will accept students with a 12+3 bachelor's degree.
- A competitive Grade Point Average, in general 2.9 or higher.
- An official GRE score. In general, a composite score of at least 1100 with an analytical writing score of 3.5 is considered competitive.
- Demonstrate satisfactory proficiency in oral and written English before being granted admission. International applicants must also provide an official report of the Test of English as a Foreign Language (TOEFL) with a minimum score of 213 on the computer-based exam, a \$50 transcript evaluation fee, and proof of available financial resources. Upon acceptance, if it is determined that a student is not proficient in the English language, he/she will be required to complete an approved English as a Second Language (ESL) course at his/her own expense.
- A completed application by the first working day of April prior to the Fall semester for which you are applying. A completed application includes the application form, official transcripts from all colleges or universities attended, official GRE (and TOEFL if applicable) scores, \$25 application fee, two Letters of Evaluation, a written statement of personal career goals, and an essay describing a recent scientific discovery, explaining why or how it is of interest to you.

For further information about applying to the CRM Program you can contact Ms. Carla J. Lee, Director of Admissions Services at UNTHSC at: Tel. +1 817 735 2560 and clee@hsc.unt.edu.



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