

WFIRM

Wake Forest Institute for
Regenerative Medicine

Introducing the Masters of Science in Translational Biotechnology

Open for Fall 2023!

The MS in Translational Biotechnology is a full-time degree program designed for students with various backgrounds and training. The program has 2 pathways to completion (research, business) and is designed to be flexible in order to meet each individual student's needs.

Our program features traditional STEM training for MS and PhD level graduate students, with a predominant focus on producing more academic researchers. Graduates will gain knowledge, skills, and abilities to translate technical knowledge and research skills into broader workforce, and pursue the range of STEM careers relevant to current and changing times.



For the business track, we leverage the expertise of WFIRM's industry partners through ReMDO, the Wake Forest School of Business, and the NC Biotechnology Center. These tracks open up multiple career paths for program graduates in academic, biotech and government research, entrepreneurship, biotech management and administration, as well as serving as a springboard to a PhD, enabling students to take on research or teaching roles. Both pathways will include course work in science, business fundamentals, the translational process and commercialization, and an internship experience.

The program will be based in the Wake Forest University Graduate School of Arts and Sciences, with a close relationship between WFIRM and Integrative Physiology and Pharmacology (IPP) with many students coming to WFIRM for their research thesis.

WFIRM is an internationally recognized center in regenerative medicine and its team's expertise is recognized worldwide. Program and curriculum development will leverage the expertise at the Institute, in addition to the various groups that it works closely with.

At the end of this program, participants will be able to:

- Understand relevant scientific knowledge related to Regenerative Medicine.
- Outline the process of product development from preclinical testing to use in the clinic.
- Apply relevant ethical, regulatory, healthcare industry, and organizational considerations to biomanufacturing.
- Lead individuals and teams using relevant management and leadership skills and knowledge.

Admission Requirements:

- A 4-year baccalaureate degree from an accredited college or university and/or an advanced degree with a grade point average equal to or greater than 3.0 on a 4.0 scale
- Science undergraduate coursework in biology, chemistry, organic chemistry, biochemistry, or similar science-focused tracks
- TOEFL Examination for international students
- 2 Letters of recommendation
- Personal statement
- Research and/or laboratory experience (optional)
- Graduate Record Examination (GRE) General Examination (optional)

Contact Info:

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