

College of Life Sciences Biomedical MS Programs

- Biomedical Sciences
- Cell & Developmental Biology
- Microbiology & Immunology
- Pharmacology

On Demand Information Session



Dr. Charles Scott

Research Assistant Professor
Director, MS Program Biomedical Sciences



Dr. Gerald Grunwald

Professor, Department of Pathology, Anatomy
& Cell Biology
Dean, Jefferson College of Life Sciences
Director, MS Program Cell & Developmental
Biology



Dr. Aleksander Snyder

Teaching Assistant Professor
Department of Microbiology and Immunology,
SKMC at TJU
Director, MS Program Microbiology &
Immunology



Dr. Carol Beck

Assistant Professor, Pharmacology &
Experimental Therapeutics
Director, MS Program Pharmacology
Assistant Dean, Graduate School for Biomedical
Sciences

Our Master's programs provide students with the skills and knowledge that will enable them to engage in the forefront of basic, applied and translational research or to continue their studies toward advanced degrees in biomedical science research and the health sciences.

Key Features of MS Programs


- 40 credit hours
- Flexible-Part-Time/Accelerated Option
- Afternoon & Evening Classes
- Program starts Fall, Spring & Summer semesters

The MS programs consist of core coursework, didactic and lab based, culminating in a thesis project.

Candidates have the opportunity to conduct research in a variety of areas including:

- Cancer Biology & Molecular Genetics of Cancer and Inherited Diseases
- Cell Biology and Cell Signaling
- Development of Novel Diagnostics & Disease Treatments
- Mitochondrial Metabolism and Pathology
- Genomics/Computational Biology
- Vaccinology & Infectious Diseases
- Tumor Immunology
- Neurodegenerative Diseases
 - Alzheimer's, ALS, Parkinson's

- **Professional Science Master's (PSM)**

- The MS programs are designated as Professional Science Master's Programs.
 - A professional degree grounded in science and designed for a variety of career options in business, government or non-profit organizations. These programs combine advanced coursework in science with an appropriate array of professional skill-developed activities aligned with the needs of 21st century employers
 - The curriculums include coursework in management skills, financial management, database design and other options designed to increase the marketability of our graduates.
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Graduates of the MS programs Transition into a Variety of Career Paths

- Research Settings in Industry or Academia
- Colleges or Universities
- Hospital Laboratories
- Biotechnology/Start-Up companies
- Independent or Reference Laboratories
- Pharmaceutical Companies
- Contract Research Organizations
- Clinical Research Coordinators
- PhD, MD, or other professional school

Admissions Requirement Checklist

Requirements

- Official Transcripts from All Institutions Attended
- Three Letters of Recommendation
 - (Academic or Professional)
- Essay
- CV/Resume

Recommendations

- Cumulative/Science GPA of 3.0 or higher
- Undergraduate Degree in Life Sciences

Financial Information

- Tuition is \$1,150 per credit
- 40 credits in core curriculum
 - Additional \$928 in fees per year
- Applicants are encouraged to reach out to our Financial Aid Office to discuss financing their education

Office of Admissions

Marc Stearns, Sr. Associate Director, Graduate Admissions
Marc.stearns@Jefferson.edu

Financial Aid

jefferson.edu/tuition-and-financial-aid.html
Email Address: FinancialAid@Jefferson.edu



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Thomas Jefferson University