

BIOMEDICAL SCIENCE TRANSLATIONAL RESEARCH (GR. CERT.) (15 CREDITS)

Offered by: Pharmacology and Therapeutics (Faculty of Medicine and Health Sciences)

Program credit weight: 15

Program Description

The Graduate Certificate in Biomedical Science Translational Research is an introduction to relevant clinical aspects of translating scientific discovery as a means of bridging the gap between research and application in clinical settings, while promoting future collaboration among scientists, clinicians and clinician-scientists while promoting future collaboration. The program includes clinical mentorship.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (12 credits)

Expand allContract all

| Course | Title | Credits |
|------------|---------------------------------------|---------|
| FMED 525 | Foundations of Translational Science. | 3 |
| PHAR 522D1 | Fundamentals of Disease Therapy. | 3 |
| PHAR 522D2 | Fundamentals of Disease Therapy. | 3 |
| PHAR 524 | Clinical Mentorship. | 3 |

Complementary Courses (3 credits)

3 credits from:

Expand allContract all

| Course | Title | Credits |
|----------|---|---------|
| BMDE 655 | Biomedical Clinical Trials - Medical Devices. | 3 |
| EPIB 507 | Biostats for Health Sciences. | 3 |
| EXMD 617 | Workshop in Clinical Trials 1. | 1 |
| EXMD 618 | Workshop in Clinical Trials 2. | 1 |
| EXMD 619 | Workshop in Clinical Trials 3. | 1 |
| EXMD 620 | Clinical Trials and Research 1. | 1 |
| EXMD 633 | Clinical Aspects of Research in Respiratory Diseases. | 3 |
| EXMD 640 | Experimental Medicine Topic 1. | 3 |
| PHAR 508 | Drug Discovery and Development 3. | 3 |
| PPHS 529 | Global Environmental Health and Burden of Disease. | 3 |