

PhD in Translational Biosciences with Emphasis in Integrative Physiology

The PhD in Translational Biosciences will span the entire breadth of the biomedical research spectrum, from basic science discoveries to improved clinical outcomes. Through close collaborations with the outstanding scientists and clinicians of the Precision Health Institute, the Translational Biosciences PhD program will provide state-of-the-art training to young biomedical scientists at the beginning of their scientific careers.

Degree Requirements

All PhD graduate students in the Translational Biosciences program will complete a total of 72 credit hours, including formal coursework and research credit hours. A minimum of 15 credit hours of formal coursework at the 8000 or 9000 level is required. Graduate students must maintain a GPA of 3.0 in their formal coursework. Research credit hours will be graded on a S/U basis.

Required Courses

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| MPP 8411 | Mammalian Pharmacology and Physiology | 5 |
| MPP 7424 or MPP 9426 | Medical Pharmacology Transmembrane Signaling | 4 |
| Electives | | |
| MPP 9430 | Cardiovascular Physiology | 3 |
| MPP 9434 | Microvascular Physiology | 4 |
| MPP 9437 | Neural Cardiorespiratory Control | 3 |