The Doctor of Philosophy (PhD) degree program in Integrative Biology and Physiology (IBP)

Apply physiology, biology, mathematics, physics and chemistry in exciting new ways to understand the function of cells, organs and systems in the body. Students typically enter the program with a background in:

- Biology
- Chemistry
- Human Physiology
- Biochemistry

World-class Research opportunities

We combine the study of how the body works with the latest technology and areas of research emphasis such as:

- Cardiovascular Biology
- Cell Biology And Physiology
- Computational Molecular
- Immunology
- Metabolism
- Muscle Physiology
- Obesity And Diabetes
- Regenerative Medicine
- Respiratory Physiology
- Stress Physiology

Program Notes

50
Number of Faculty
(Varying Disciplines)

19
Number of Students

33K
Stipend

Ph.D., MD/Ph.D.
Degree Program

Application for fall
term 2022 due.

Tuition & Fees
Health Insurance
Dental Insurance

Benefits

No GRE Required

Physiology is how the body works from the smallest piece of it to the largest piece and how they work together... You can chase that story to anywhere in the body, and have that support in this program that you know you're doing something that's worthwhile and that's going to make a contribution to science.

~IBP Graduate Program alumna

For more info: z.umn.edu/IBPgradprog
OUR MISSION

The Integrative Biology and Physiology graduate program is committed to creating a creative and productive research environment. The contributions of scientists whose background encompass diversity in culture, disability, ethnicity, gender and economic background are vital to this commitment. Incorporating diversity into all aspects of our program is essential for improving the health and knowledge of all, especially those from historically underrepresented groups.

What Makes our Program Exceptional?

The PhD Graduate Program in Integrative Biology and Physiology (IBP) is a unique hybrid of the field of physiology, the cornerstone of biomedical research and medicine, and the rapidly advancing fields of molecular, genetic and cellular biology.

- Hands-On Learning
- Intellectual Stimulation
- Flexibility
- A Strong Foundation
- Interdisciplinary Emphasis
- Superb Faculty
- Career Development
- Personal Mentoring

Department of Integrative Biology & Physiology

University of Minnesota

Driven to Discover®

We welcome you to join our community at the Graduate Program in Integrative Biology and Physiology!