

INTEGRATIVE BIOLOGY AND PHYSIOLOGY GRADUATE PROGRAM

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 Physiology
- 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

Financial Support



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

DEC.
1st

Application for fall
term 2022 due.

Tuition & Fees
Health Insurance
Dental Insurance

Benefits

GRE

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



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.



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

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.



Department of Integrative
Biology & Physiology

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Apply Here: z.umn.edu/IBPgradprog
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