

# BIOPHYSICS, PH.D.

## ADMISSIONS

Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website. Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet** the minimum requirements (<https://grad.wisc.edu/apply/requirements/>) **of the Graduate School as well as the program(s)**. Once you have researched the graduate program(s) you are interested in, apply online (<https://grad.wisc.edu/apply/>).

Requirements	Detail
Fall Deadline	December 1
Spring Deadline	The program does not admit in the spring.
Summer Deadline	The program does not admit in the summer.
GRE (Graduate Record Examinations)	Not required but may be considered if available.
English Proficiency Test	Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements ( <a href="https://grad.wisc.edu/apply/requirements/#english-proficiency">https://grad.wisc.edu/apply/requirements/#english-proficiency</a> ).
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3

Undergraduate preparation for the Biophysics Program can vary widely and will be evaluated by the admissions committee on an individual basis. Most applicants have taken courses in general, organic, and physical chemistry; introductory physics; cell and/or molecular biology; calculus through differential equations; and computer sciences. Students can generally make up any deficiencies in their undergraduate background within the first year of graduate study through a broad and flexible course curriculum. The normal undergraduate course prerequisites are:

- two semesters of physics with calculus
- two semesters of calculus
- two semesters of organic chemistry
- one semester of physical chemistry
- one semester of computer sciences
- one semester of statistics
- introduction to biology

Exceptions to these requirements may be granted for incoming biophysics graduate students who otherwise have strong undergraduate training in physics, mathematics, computer sciences, biology, chemistry, or other fields related to biophysics. In such cases, each missing required course will be counted as a deficiency that the student must correct by

obtaining a passing grade in an equivalent undergraduate or graduate course taken within the first two years of graduate study.

In addition, it is recommended for entering graduate students to have taken undergraduate courses in general biochemistry; general genetics and/or molecular biology; and biophysical chemistry. Students who have not taken courses in these subjects will be expected to do so as part of their formal graduate coursework.

Admission to the biophysics Ph.D. program is highly competitive. A committee of biophysics faculty trainers reviews each application and invites selected students for personal interviews in February. Outstanding international students will be offered video-conferencing interviews with members of the admissions committee. Final admissions decisions are made after all interviews are completed. An application for admission consists of:

1. A resume or CV
2. A personal statement that discusses a candidate's reasoning for pursuing a biophysics Ph.D. What initially drew you to the field? How will earning a Ph.D. help you accomplish your goals?
3. An official transcript of coursework from all undergraduate institutions attended
4. Three or more letters of recommendation
5. A report, if submitting, from the Educational Testing Service of scores received on the GRE General Test
6. A report, if appropriate, of scores received on the TOEFL English language proficiency exam or an appropriate alternative (IELTS, MELAB)

The admissions committee highly weighs the personal statement and letters of recommendation when reviewing applicants. GPA values are evaluated to ensure they meet minimum graduate school requirements (<https://grad.wisc.edu/apply/requirements/>).