PHYSICS, BS

for the degree of Bachelor of Science in Physics

The Illinois Physics program provides students with outstanding opportunities to explore modern scientific mysteries. As a physics major at Illinois, students will develop a deep conceptual and mathematical understanding of the world. Our flexible program is designed to prepare students for a wide range of fulfilling careers or post-graduate paths.

The Physics curriculum provides a rigorous foundation in physics, mathematics, and laboratory technique. The students’ selected program track will allow the student to fine-tune their individual program of study to best suit interests and career goals. Whether students plan to enter the private sector, become a teacher, or continue their education through graduate study, students can explore how the Illinois Physics Bachelor of Science in Physics can meet their goals.

In consultation with the academic advisor, each student will elect a set of technical or professional courses covering a cohesive body of knowledge. Each program track will add a minimum of twelve (12) hours to the physics core curriculum.

Students may select from a list of pre-approved tracks or design a custom track subject to departmental approval. Physics courses used to satisfy the Flexible Physics Core Electives and Physics Lab Electives may not be used to satisfy the track requirements, with the exception of the Graduate Study Track.

The current pre-approved options, requiring 12-22 credit hours of course work, are:

- Astrophysics Track
- Business Track
- Computational Physics Track
- Nuclear Physics Track
- Graduate Study Track
- Pre-Med
- Pre-Law

Information listed in this catalog is current as of 08/2022