

Department of Physics and Astronomy

Majors:	Minors:
B.S. in Applied Physics (Curriculum Map) (GLOBE Outcomes Map) B.A. in Physics (Curriculum Map) (GLOBE Outcomes Map) B.A. in Physics, Adolescence Education: Physics & General Science (Curriculum Map) (GLOBE Outcomes Map) B.S. in Biophysics () ()	Physics

Learning Outcomes in Physics and Astronomy

- **Outcome 1:** Geneseo physics graduates will be able to solve physics problems.

Assessed yearly.

This outcome aligns with the campus value: "Learning: embracing high expectations for intellectual inquiry, scholarly achievement, and personal growth".

This outcome aligns with the campus mission for a "rigorous curriculum".

- **Outcome 2:** Physics graduates will be able to communicate scientific concepts and results.

Assessed yearly.

This outcome aligns with the campus values: "Learning: embracing high expectations for intellectual inquiry, scholarly achievement, and personal growth", and

"Creativity: affirming a spirit of innovation that inspires intellectual curiosity and problem-solving".

This outcome aligns with the campus missions for a "rigorous curriculum", and for an "inclusive scholarly environment".

- **Outcome 3:** Geneseo physics students will be able to use scientific equipment and instrumentation.

Assessed yearly.

This outcome aligns with the campus value: "Learning: embracing high expectations for intellectual inquiry, scholarly achievement, and personal growth".

This outcome aligns with the campus missions for a "rigorous curriculum", and for preparing students "for an enriched life and success in the world".

- **Outcome 4:** Geneseo physics graduates will be prepared for successful careers.

Assessed yearly.

This outcome aligns with the campus value: "Learning: embracing high expectations for intellectual inquiry, scholarly achievement, and personal growth".

This outcome aligns with the campus mission for preparing students "for an enriched life and success in the world".

- **Outcome 5:** The Department of Physics and Astronomy will maintain a supportive community for all students, particularly women students and other under-represented students in physics.

Assessed yearly. This outcome aligns with the campus value: "Inclusivity: fostering a diverse campus community marked by mutual respect for the unique talents and contributions of each individual".

This outcome aligns with the campus mission for creating a "dynamic and inclusive scholarly environment".

- [B.A. in Physics, Adolescence Education: Physics & General Science GLOBE Outcomes Map](#)
- [B.A. in Physics GLOBE Outcomes Map](#)
- [B.S. in Applied Physics GLOBE Outcomes Map](#)
- [Curriculum Map \(Sep. 2013\)](#)
- [How Phys Has Closed the Assessment Loop: Program Review 2007-2010](#)
- [Rubric for Assessment of Student Writing: PHYS 362 Lab Reports](#)