

Undergraduate Program Plans

Listed are some of the plans for improvements to the undergraduate physics program.

- Carry out a detailed analysis of PHYS 102, which is currently managed by a faculty member and taught by graduate students. Ideas here include:

- Using a few previous exam questions to compare results class to class

- Testing performance using nationally standardized exams

- Tracking correlations with the pass rates in the next course in the sequence, PHYS 103

- Polling students completing PHYS 103 on which teaching style they found more effective

- Polling the teaching assistants to assess their effectiveness and experience

- Poll graduates who have continued to graduate school about the quality of preparation they received in the UA program for success in coursework and research in their current graduate program.
- Include more computational physics projects into junior and senior level courses and assess their impact.
- Require mandatory advising for students with low Physics major GPA's.
- Conduct town hall meetings with undergraduates each semester in order to receive feedback and become aware of their concerns.
- Improve the quality and quantity of data collected from the Physics Department exit poll to help with assessment.