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.