

Annual Report on Program Student Learning Outcomes Assessment

Program: BA in Astronomy & Physics

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1. List the learning outcomes for the program

Students graduating with a major in Astronomy & Physics should be able to:

1. Demonstrate a broad understanding of the principles of astronomy, including planets in the solar system, stars and star formation, the nature of the interstellar medium, galaxies, and cosmology.
2. Demonstrate a broad knowledge of the principles of physics, including mechanics, electricity and magnetism, statistical mechanics, quantum mechanics, and mathematical methods of physics.
3. Communicate astronomical information effectively, both in writing and verbally, and to a variety of audiences.
4. Think critically and evaluate, interpret, and solve problems related to topics in astronomy and physics as well as other technical and general scientific topics.