DOCTOR OF PHILOSOPHY (PHD) DEGREE IN THE FIELD OF PHYSICS

Program Learning Outcomes for the PhD Degree in the field of Physics

Upon completing the PhD degree in the field of Physics, students will be able to:

1. Demonstrate advanced knowledge in foundational areas of physics and astronomy, and a mastery of their selected subfield.
2. Have the skills necessary to conduct independent research in physics and astronomy and become leaders in their chosen careers.
3. Have the ability to identify, formulate, and solve challenging scientific and technical problems as encountered in physics and astronomy.
4. Be proficient in reading the scientific literature and in oral and written communication of scientific results.
5. Make an original and significant contribution to knowledge in their discipline.

Requirements for the PhD Degree in the field of Physics

For general university requirements, please see Doctoral Degrees (ga.rice.edu/graduate-students/academic-policies-procedures/regulations-procedures-doctoral-degrees). For additional requirements, regulations, and procedures for all graduate programs, please see All Graduate Students (ga.rice.edu/graduate-students/academic-policies-procedures/regulations-procedures-all-degrees).

To be eligible for the PhD degree, graduate students must demonstrate to the department their knowledge in the discipline and the ability to engage in advanced research. This normally is accomplished by: successfully completing required coursework; presenting a research progress report and proposal to a faculty committee; and passing an oral candidacy exam. Students must complete a total of 60 credit hours of approved graduate-level study at Rice and produce a research thesis under the direction of a departmental faculty member. At least two years of graduate study are required for the PhD.

Complete information about research opportunities, courses and other requirements can be found under the Department’s website, on the Graduate Study link at https://physics.rice.edu/.

Summary

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<td></td>
<td>Total Credit Hours Required for the PhD Degree in the field of Physics</td>
<td>90</td>
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Policies for the PhD Degree in the field of Physics

Department of Physics and Astronomy Graduate Program Handbook

The General Announcements (GA) is the official Rice curriculum. As an additional resource for students, the department of Physics and Astronomy publishes a graduate program handbook, which can be found here: https://gradhandbooks.rice.edu/2019_20/Physics_Astronomy_Graduate_Handbook.pdf

Additional Information

For additional information, please see the Physics and Astronomy website: https://physics.rice.edu/

Opportunities for the PhD Degree in the field of Physics

Additional Information

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