PhD in Physics

Three additional PHYS prefix courses at the 5000- or 6000-level, including at least one course not in the student's specialization, must be completed. Additional courses reflecting the candidate's specialization may be required by the advisory committee. Seventy-two (72) semester hours of credit beyond the bachelor's degree, or sixty semester hours of credit beyond the master's degree are required. A minimum of two-thirds of the graduate course credits must be in physics. No more than six credit hours of eligible physics coursework at the 4000-level can be counted toward graduate credit and no more than 12 total credit hours of eligible coursework in all subjects at the 3000- or 4000-level can be counted toward graduate credit. Courses taken at another institution will be evaluated by a faculty committee to determine whether they satisfy any requirements.

A Photonics PhD program shared with the Electrical and Computer Engineering Department is also available, with Physics as the home department. Details of the multidisciplinary photonics PhD program are found in the "Graduate College (http://catalog.okstate.edu/graduate-college/)" section of the Catalog.

The most important single requirement for the PhD in physics is the presentation of an acceptable dissertation which represents original research work by the student and which demonstrates the student's ability to do independent study as well as to plan and carry out future research in his or her field. Full information on graduate programs in the Department of Physics is available from the Graduate Coordinator or from the department website at physics.okstate.edu (https://physics.okstate.edu/).