

PHYC 685 Special Studies in Physics

Course Description

Special Studies in Physics provides students with activities in physics involving one or more of the following: experimental works, study of advanced topics in physics, and attendance in prescribed classes.

Course Objectives

This course satisfies the need of students for a course for credit allowing for special studies in physics. The student may work a one-to-one relationship with a faculty advisor or in a small group. This enables the student(s) to pursue any subject in theoretical, computational, or experimental physics, or educational physics which is approved by the faculty advisor and for which permission is given by the department chairperson. The assignment may also require the student to attend certain prescribed classes.

Course Rationale

Only a small fraction of physics is covered in formal courses. It is often desirable to explore selected topics which are not covered in such a course. This course provides the opportunity to explore such subjects and may be used to develop a formal course to be added to the curriculum at some future time.

Course Content, Format, and Bibliography

Content

Course content will be defined by mutual agreement between the faculty advisor and the student.

Format

The format of this course is independent study involving one mentor and one student or a traditional lecture/discussion course involving a small group of students.

Bibliography

Determined by the faculty mentor.