Physics Independent Studies Project – PHYS 199

This course is available to upper-division students who have a specific topic they wish to research in-depth under the supervision of a Physics faculty member. The course is intended to allow a student to further investigate a topic that may have been discussed in a specific course. The Physics Program will accommodate any Independent Studies proposal as long as it is supported by a Physics faculty member and the research to be conducted is physics in nature.

PHYS 199 is a variable unit course (1-5 units/quarter), with no more than 12 units total applying towards major requirements. Students are not allowed more than 30 units total in PHYS 98/99/198/199AA-ZZ courses combined. Grading is optional, but to apply toward major requirements it must be taken for a letter grade. Consent of instructor is required before registering.

CRITERIA

1. Students must have upper-division standing (completion of at least 84.5 units).
2. Students need to complete at least two upper-division physics courses.
3. Students must have a minimum 3.00 GPA for the preceding three quarters.
4. Proposed work/units must be equivalent to the workload of a standard upper-division course.
5. Topics must not be available as a part of an existing course.
6. Student and faculty adviser must agree on the amount and type of work to be completed. This information is recorded on the PHYS 199 application form and will serve as the official contract between the student, faculty adviser and the Physics Program.

PROCEDURE

1. Discuss a topic with a Physics faculty member/adviser and agree on a project, type of work to be completed, and the number of units to be assigned based on workload.
2. Complete the PHYS 199 Independent Studies form, available on the reverse side, and have it signed by the Physics faculty adviser.
3. Turn the signed form in to 3019C Broida Hall before the Add deadline.
4. Once it is reviewed and approved by the Physics Adviser, an add code will be issued by email. Additionally, students must have the two digit instructor code for their faculty adviser.

NOTE: Students will not be able to add a PHYS 198/199AA-ZZ course without prior approval of this form and an add code!
This form must be signed by a Physics faculty member/adviser and returned to 3019C Broida Hall before one can register for the course.

Quarter: _______ Year: _______ # of Units: _______ Instructor #: _______

Student’s Name: ___________________________ Perm #: __________

Email: ___________________ Faculty Name: __________________________

Explain the plan of study and its relevance to the student’s interest: Include the research topic, what you hope to learn, and how this will enhance your education.

Required work for the completion of the project: Include how the research will be conducted, what the final project will be, an estimated # of hours needed to complete the project and how the grade will be determined.

SIGNATURES: We understand the above requirements must be completed to receive course credit:

Student: ____________________________ Date: ________________

Faculty member/adviser: ____________________________ Date: ________________