

PHYS129 Course Title: Enterprise Experience Internship

Credits: Counts towards three credits for a maximum of one term

Terms offered: All

Prerequisite: Must have prior approval of Thesis Advisor (primary mentor), Thesis Advisory Committee (if in place at the time), and Graduate Curriculum Committee

Grading: HP/P/LP

Description:

This course provides practical training experience through a full-time internship at an institution outside of the Dartmouth College campuses (Lebanon and Hanover). The goal of this course is to provide students with real-world, hands-on experience with existing enterprises through internship during graduate school. Such experience will expose students to diverse career opportunities during graduate school, providing students with lead-time to focus and network in a field of interest prior to completion of their PhD.

For this course, the student will propose and arrange a paid or unpaid internship in an existing enterprise (industry, government, or other) in consultation with and subject to the approval of their Thesis Advisor (primary mentor), Thesis Advisory Committee (if in place at the time), and Graduate Curriculum Committee prior to enrollment. This process must be completed 30 days in advance of the term of enrollment. Course enrollment is concurrent with the internship and must be for a period of one term. At the end of the internship, the student will make an oral presentation to the Advisor and Advisory Committee (if in place), and open to the broader Physics and Astronomy (P&A) department community, that addresses the nature of the enterprise they were engaged in, the problem they were assigned, and the results and impact of their project. The purpose of the presentation is to share lessons learned from the internship experience with the P&A community. The presentation will be accompanied by a short but complete written report. Neither the presentation nor report should contain confidential information of the enterprise. The final, letter grade (HP/P/LP) for the course performance will be assigned in consultation with the Internship Advisor.

Financial matters:

The internship may be paid or unpaid by the host enterprise or by Dartmouth stipend, depending on arrangement with their Thesis Advisor (as in cases where the internship is a collaboration that will benefit the Advisor's research), but the total student/intern salary cannot exceed the amount that student would have otherwise received as Dartmouth stipend. Internship at another academic institution to perform research is discouraged; the goal of this internship program is to expose students to career environments not found within Dartmouth. The Thesis Advisor cannot serve as or appoint the Internship Supervisor (such as in cases where the proposed internship would be hosted by a local company in which the Thesis Advisor has a stake/role). The student's Thesis Advisor will pay Dartmouth-based health insurance benefits for the term.

A letter from the Internship Supervisor at the proposed host enterprise must be sent to the Thesis Advisor detailing the start/end dates of the internship, and the job function and roles of the intern. The completed Internship Proposal form and accompanying letter must be submitted to the department office 30 days in advance of the term of the internship enrollment.

PHYS 129 Internship Proposal Form

Student Information:

Name _____

Signature _____

Thesis Advisor Information:

Name _____

Signature _____

Thesis Advisory Committee Information:

Name _____

Signature _____

Name _____

Signature _____

Graduate Curriculum Committee Chair Information:

Name _____

Signature _____

Internship Advisor Information:

Name _____

Job Title _____

Phone _____

Email _____

Internship information

Term: _____ Year: _____ Industry field: _____

Location of internship (full address): _____

Name of institution: _____

Intern job function/role: _____

Indicate whether internship is or is not paid. If paid, list exact dates you will be on the payroll:

Description of internship (describe the responsibilities, special projects, or activities of your internship position):

Student's learning goals (explain what you hope to learn or accomplish through the internship):
