

CURSO	:	TESIS DE DOCTORADO VI
TRADUCCIÓN	:	DOCTORAL THESIS VI
SIGLA	:	FIM8606
CRÉDITOS	:	50 UC / 30 SCT
MÓDULOS	:	No aplica
REQUISITOS	:	FIM8605
CONECTOR	:	Y
RESTRICCIONES	:	Alumno de Doctorado en Física (Currículo 030501)
CARÁCTER	:	Mínimo
TIPO	:	Tutoría
CALIFICACIÓN	:	estándar (calificación de 1.0 a 7.0)
PROFESOR	:	Académicos de la UA 02 o 03
DISCIPLINA	:	Física

I. DESCRIPTION

The Thesis VI course of the Physics PhD program corresponds to a research work by the student under the supervision of one of the academics of the program's faculty. It is the sixth and last research course of a total of six where the student must finish with the research formulated in Thesis I. The work to be developed must be original and can be theoretical or experimental. It is a mandatory requirement for student graduation to publish this work in an indexed journal.

II. GOALS

The objective of the course is to finish the research project. The student must be able to develop their research according to the objectives and methodology set out in the Thesis Project, under the supervision of their guide professor. Prepare a report that contains the main results obtained during the execution of the research project, and that serves as input for the final thesis manuscript and for the Thesis Defense Exam.

III. CONTENT

Main and associated topics defined by the guide teacher.

IV. METHODOLOGY

Regular meetings between the student and the guide teacher. Periodic reports on the progress of the student's work. Student presentations on the progress made. For both the presentation and the report, it is suggested to include the following sections:

- motivation;
- introduction and review of the state of the art;
- definition of the problem and hypothesis;
- methodology;
- results;
- conclusions and impact.

V. EVALUATION

The evaluation of the thesis work is made from the results presented in the partial reports prepared by the student and the oral presentations made. The percentage of weighting of these instances is at the discretion of the guide teacher.

VI. BIBLIOGRAPHY

Required

- A determinar por el profesor guía.
- Manual de Autoinstrucción: Seguridad en Laboratorios, Comité Institucional de Seguridad en Investigación, Pontificia Universidad Católica de Chile.

Optional

- The Scientist's Guide to Writing, Heard, S.
- Responsible Conduct of research, Shamoo, A.E. and Resnik, D.B. New York, USA. Oxford University Press. 2003.