

CURSO	:	TESIS DE DOCTORADO II
TRADUCCIÓN	:	DOCTORAL THESIS II
SIGLA	:	FIM8602
CRÉDITOS	:	30 UC / 18 SCT
MÓDULOS	:	No aplica
REQUISITOS	:	FIM8601
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

El curso Tesis II del programa de Doctorado en Física corresponde a un trabajo de investigación por parte del estudiante bajo la supervisión de uno de los académicos del claustro del programa. Es el segundo curso de investigación de un total de seis en donde el alumno debe continuar con la investigación formulada en Tesis I. El trabajo a desarrollar debe ser original y puede ser de carácter teórico o experimental. Es requisito obligatorio para la graduación del estudiante publicar este trabajo en una revista indexada.

II. GOALS

The objective of the course is to continue the investigation of an original topic by the student. 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.

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

- To be determined by the guide teacher.
- Self-Instruction Manual: Laboratory Safety, Institutional Research Safety Committee, 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.