

DOCTOR OF PHILOSOPHY PROGRAM (with MS Degree)

The Ph.D. program in Physics is composed of seven graduate courses (minimum of 21 credits), a non-credit seminar, qualifying exam, thesis proposal defense and a Ph.D. thesis to be completed in accordance with the regulations of the Institute of Graduate Studies in Science and Engineering. A maximum of three courses may be taken from the graduate courses offered by the other programs in the university with the permission of the graduate advisor. The department requires that the dissertation work shall lead to at least one published paper in a refereed physics journal listed in the Science Citation Index Expanded.

1 st Semester				2 nd Semester			
Code	Course	Cr.	ECTS	Code	Course	Cr.	ECTS
PHYS	Phys Elect.	3/4	10	PHYS	Phys Elect.	3/4	10
PHYS	Phys Elect.	3/4	10	---	Elective	3	7
PHYS	Phys Elect.	3/4	10	---	Elective	3	7
				PHYS 679	Graduate Seminar	0	6
	Total	9/12	30		Total	9/10	30

3 rd Semester			
Code	Course	Cr.	ECTS
---	Elective	3	7
	Total	3	7

Code		Cr.	ECTS
---	Qualifying Exam	0	30
---	Thesis Proposal Defense	0	30
PHYS 790	PhD Thesis in Physics	0	120

Total: 21/25 Credits
ECTS: 247

PhD Remedial Program

If the candidate's background is not physics at the MS level, or his/her previous preparation is deemed insufficient, he/she will have to take an additional year of remedial classes covering the physics topics of the Master of Science Physics Curriculum. If the candidate meets the English Proficiency requirements and is admitted to the program, he/she must have passed all the remedial courses and obtained a minimum GPA of 2.5 in order to continue to the regular PhD program. The candidate can be waived out of the remedial exam if he/she passes the PhD written level exam.