

Study plan of the Master of Science in Physics program  
(Number of program hours = 32)

First year

Level 1			
Code	Course Name	Hr	Requisite
6001 Phys 3	Advanced classical mechanics	3	-
6002 Phys 3	Electromagnetic theory	3	-
6004 Phys 3	Advanced mathematical physics	3	-
Total		9	

Level 2			
Code	Course Name	Hr	Requisite
6003 Phys 3	Quantum mechanics I	3	-
6005 Phys 3	Statistical mechanics	3	-
****	Elective course (1)	3	-
Total		9	

Second year

Level 3			
Code	Course Name	Hr	Requisite
6006 Phys 3	Advanced physics lab	3	-
6007 Phys 2	Seminar	2	-
****	Elective course (2)	3	Elective course (1)
Total		8	

Level 4			
Code	Course Name	Hr	Requisite
6009 Phys 6	Thesis	6	-
Total		6	

Elective course			
Code	Hr	Course Name	Requisite
6101 Phys	3	Solid state physics	6003 Phys
6201 Phys	3	Nuclear physics	6003 Phys
6301 Phys	3	Atomic structure and spectroscopy	6003 Phys
6401 Phys	3	Quantum optics	6002 Phys
6008 Phys	3	Quantum mechanics II	6003 Phys
6102 Phys	3	Special topics in solid state physics	6003 Phys
6202 Phys	3	Special topics in nuclear physics	6201 Phys
6302 Phys	3	Special topics in atomic physics	6301 Phys
6402 Phys	3	Special topics in quantum optics	6401 Phys