

**PROGRAM: MS PHYSICS - THESIS OPTION**

Year 1 / Semester 1			Year 1 / Semester 2		
Course	Course Name	Cr	Course	Course Name	Cr
PHYS-652*	Classical Mechanics	3	PHYS 672*	Advanced Electromagnetic Theory II	3
PHYS-671*	Advanced Electromagnetic Theory I	3	PHYS 667*	Mathematical Methods of Physics IV	3
PHYS-563*	Mathematical Methods in Physics III	3			
	Total Credits	9		Total Credits	6

Year 2 / Semester 3			Year 2 / Semester 4		
Course	Course Name	Cr	Course	Course Name	Cr
PHYS 665*	Statistical Mechanics	3	PHYS 695*	Thesis Research	6
PHYS 675*	Quantum Mechanics I	3	PHYS 676*	Quantum Mechanics II	3
	Total Credits	6		Total Credits	9
			Total Credits: 30		

\*Denotes a Core Requirement

+Denotes an elective

Total Core Credits = 30

Total Elective Credits = 0

Candidacy Requirement: Proposal Defense with Thesis Committee; submission with Candidacy

Application to School of Graduate Studies

Capstone or Culminating Experience: Public Thesis presentation and oral defense of Research

Thesis