

PROGRAM: MS PHYSICS – NON-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	PHYS 6XX	Technical Elective	3
	Total Credits	9		Total Credits	9

Year 2 / Semester 3			Year 2 / Semester 4		
Course	Course Name	Cr	Course	Course Name	Cr
PHYS 665*	Statistical Mechanics	3	PHYS 691*	Special Topics / Research	3
PHYS 675*	Quantum Mechanics I	3	PHYS 676*	Quantum Mechanics II	3
	Total Credits	6		Total Credits	6
			Total Credits: 30		

*Denotes a Core Requirement

+Denotes an elective

Total Core Credits = 30

Total Elective Credits = 0

Candidacy Requirement: Complete 15 credits of course work with GPA \geq 3.0 Capstone or

Culminating Experience: Presentation in Special topics class about research topic

Outcomes report and rubric submitted to School of Graduate Studies prior to graduation