

Master of Science in Physics

Decree Codes: ES MS PHYS

Contact: Prof. Lee Sawyer or Prof. Neven Simicevic

SCH Requirements: 30 SCH (thesis option) or 36 SCH (practicum)

Thesis Option: Research & Thesis SCH toward degree: 6

Practicum Option: Practicum SCH toward degree: 3

Course-work only option: Not available

Course Category	Number	Course Name	SCH
Core Courses	<i>Take PHYS 510 and 3 courses from this list</i>		12
	PHYS 511	Electromagnetic Theory	3
	PHYS 512	Solid State Physics	3
	PHYS 521	Theoretical Mechanics	3
	PHYS 522	Quantum Mechanics	3
	PHYS 533	Statistical Mechanics	3
Other Courses	<i>The remaining courses are to be selected by the student and the advisory committee so as to provide the required background for research and a productive career.*</i>		thesis: 12 practicum: 21

THESIS OPTION				PRACTICUM OPTION		
Course Category	Number	Course Name	SCH	Number	Course Name	SCH
Thesis or Practicum	PHYS 551	Research & Thesis in Physics	6	PHYS 549	Research & Reporting	3
TOTAL			30			36

* The maximum number of variable credit Independent Study courses that can be applied towards the degree is 6 SCH.