OPTICAL ENGINEERING

Requirements

Master of Science in Optical Engineering Requirements

- 36 credit hours of course-work (24 credit hours of required courses and 12 credit hours of elective courses)
- 12 credit hours of thesis-work
- Students are required to submit their plan of study for approval by their thesis advisor and their advisory committee.
- Students are required to successfully defend their M.S. thesis

Required Courses (Unless Already Taken [1])

Code	Title	Hours
OE 520	Principles of Optics [2]	2
OE 570	Special Topics	1-4
OE 580	Optical System Design	4
OE 592	Fourier Optics & Applications	4
OE 585	Electro Optics & Applications	4
OE 595	Optical Metrology	4
OE 594	Integrated Silicon Photonics	4

[1] Required credits must be replaced by 400- or 500-level OE/PH/EP courses.

[2] Unless have already taken PH 292 Physical Optics, OE 280 Geometrical Optics and OE 295 Photonic Devices and Systems

Elective Courses

Students are required to choose elective courses listed in the graduate studies web page