Optical Engineering Curriculum Flow Chart

Freshmen			Sophomore			Junior			Senior		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
PH 111 Physics I (4)	PH 112 Physics II (4)	PH 113 Physics III (4)	PH 235 Many Particle (4)	PH255 Modern Physics (4)		PH 316 Elec & Mag Fields (4)		OE 393 Fiber Optics (4)	OE 460 Silicon Photonic (4)		
			PH 292 Physical Optics (4)	OE 280 Geometrical Optics (4)	OE 295 Photonics (4)	OE 480 Opt. System Design (4)		OE 450 Laser Systems (4)		OE 360 Optical Materials (4)	
		OE 172 Lasers & Fibers (2)				OE 395 Optical Eng. Lab (4)	OE 360 Optical Materials (4)			or	
							or			OE 392 Linear Opt. Systems (4)	
							OE 392 Linear Opt. Systems (4)			OE 495 Metrology (4)	
MA 111 Calc. I (5)	MA 112 Calc. II (5)	MA 113 Calc. III (5)	MA 221 Matrix Alg & DE I (4)	MA 222 Matrix Alg & DE II (4)	MA 381 Prob & Stat. (4)			OE 415 Optical Eng. Design I (4)	OE 416 Optical Eng. Design II(4)	OE 417 Optical Eng. Design III(4)	
			ES213 Electrical Systems (3)				Eng. Elective (4)		Eng. Elective (4)	PH/OE/EP Elective (4)	Eng. Elective (4)
EM 104 Graph Comm. (2)		EM103 Intro. Eng. Design (2)	ES 213L Elec Syst. Lab (1)		Elective (4)			Elective (4)			Elective (4)
CHEM 111 Gen Chem I (4)	CHEM 113 Gen Chem II (4)	ME123 or CSSE120 Program. (4)		HSS Elective (4)	SV 150/152 Micro/Macro Econ. (4)	HSS Elective (4)	HSS Elective (4)		HSS Elective (4)		HSS Elective (4)
RHIT 100 Fund. Success (1)	RH 131 Rhetoric & Comp. (4)						RH 330 Tech. Comm. (4)				HSS Elective (4)
16	17	17	16	16	16	16	16	16	16	16	16 (194)

Engineering Science | Humanities and Social Science | Physics | Math and Chemistry | Electives