

BS Photonic Science & Engineering Course Audit 2017-2018

Fall Semester			Spring Semester			Summer Semester		
Year I								
MAC 2311C	Calculus I	4	ENG 1101	Composition I	3			
SPC 1608	Technical Presentation	3	EGN 1007C	Eng Concept and Methods	1			
EGS 1006C	Intro Eng Profession	1	MAC 2312	Calculus II	4			
CHS 1440	Principles of Chemistry	4	PHY 2048C	Physics I	4			
	Historical Foundations	3		Social Foundations	3			
		15			15			
Year II								
MAC 2313	Calculus III	4	MAP 2302	Differential Equations	3	EEL 3123C	Networks & Systems	3
PHY 2049C	Physics II	4	EEL 3004C	Electrical Networks	3	EEL 3350	Semiconductor Devices I	3
ENG 1102	Composition II	3	PHY 3101	Physics for Eng III	3	STA 3032	Prob. and Stat. for Eng.	3
EGN 3211	Eng. Analysis & Comp.	3	OSE 3200	Geometric Optics	3			
		3		Science Foundation	3			
		14			15			9
Year III								
OSE 3052	Intro. to Photonics+Lab	4	OSE 4410	Optoelectronics+Lab	4			
EEL 3552C	Signal Analysis and Comm.	4	OSE 3053	EM Waves for Photonics	3			
EEE 3307C	Electronics 1	4	OSE 4520	Laser Engineering+Lab	4			
	Cultural Foundations	3		Photonics Res. Elective	3			
		15			14			
Year IV								
OSE 4470	Fiber Optic Comm.+Lab	4	OSE 4952	Senior Design II	3			
OSE 4830	Imaging & Display+Lab	4		Restricted Elective	3			
OSE 4930	Frontiers of Photonics	2		Restricted Elective	3			
OSE 4951	Senior Design I	3		Social Foundation	3			
	Restricted Elective	3		Historical Foundations	3			
		16			15			
							Total Hours: 128	

See Photonic Science & Engineering Advisor in CREOL 108B or email undergrad@creol.ucf.edu for personalized schedule planning or questions.

Restricted Electives:

OSE 4721	Biophotonics	3
OSE 4240	Optics & Photonics Design	3
OSE 4720	Visual Optics	3
EEL/PHY/Math 4XXX Courses		9
	<i>with approval</i>	max
See advisor for additional approved courses.		12



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