

## BS Photonic Science & Engineering Course Audit 2020-2021

Fall Semester	Spring Semester	Summer Semester
<b>Year I</b>		
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	
<u>15</u>	<u>15</u>	
<b>Year II</b>		
MAC 2313 Calculus III 4	MAP 2302 Differential Equations 3	EEL 3123C Linear Circuits II 3
PHY 2049C Physics II 4	EEL 3004C Linear Circuits I 3	EEL 3350 Semiconductor Devices I 3
ENG 1102 Composition II 3	PHY 3101 Physics for Eng III 3	Social Foundation 3
EGN 3211 Eng. Analysis & Comp. 3	STA 3032 Prob. and Stat. for Eng. 3	
	Science Foundation 3	
<u>14</u>	<u>15</u>	<u>9</u>
<b>Year III</b>		
OSE 3052 Found. of 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	
MAS 3105 Linear Algebra <i>or</i> 4	OSE 3200 Geometric Optics + Lab 4	
RE (3) + OSE 4912 (1) 4		
<u>16</u>	<u>15</u>	
<b>Year IV</b>		
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 3	Restricted Elective 3	
OSE 4951 Senior Design I 3	Cultural Foundations 3	
	Historical Foundations 3	
<u>14</u>	<u>15</u>	<b>Total Hours: 128</b>

See Photonic Science & Engineering Advisor in CREOL 108B or email [undergrad@creol.ucf.edu](mailto:undergrad@creol.ucf.edu) for personalized schedule planning or questions.

### Restricted Electives (RE) (See audit for full list)

OSE 3043 Analytical Methods for Optics	3
OSE 4721 Biophotonics	3
OSE 4240 Introduction to Optical Design	3
OSE 4720 Visual Optics	3
OSE 4912 Directed Independent Research	1

See myKnight Audit for complete list



[www.creol.ucf.edu](http://www.creol.ucf.edu)