Electives Requirement

EGS 1006C
Intro to Engineering (1)

EGN 1007C
Engr. Concepts and Methods (1)

See Advisor
Restricted Electives
(1-2)

Lab courses
Pre major requirements

Key
PREREQUISITE:
MAC 2313**
Calculus II (4)
MAC 2313**
Calculus II (4)

COREQUISITE:
MAC 2313**
Calculus II (4)

CRITICAL PATH COURSES
Lab courses
Pre major requirements

Senior Standing Required

Red Border: Course used for Major GPA Calc.

Electives Requirement

A total of 14 CR are needed to satisfy the restricted electives requirement. If EGS 1006C and EGN 1007C are completed, these two courses count toward the elective requirement.

Approved Restricted Electives:

OSE 4721 Biophotonics (3)
OSE 46240 Optics & Photonics Design (3)
OSE 46720 Visual Optics (3)
EEE 3342C Digital Systems (3)
EEE 3470 EM Fields (3)
EGN 4931H Eng. Honors Seminar-Research (3)
EMA 4413 Fundamental of Electronic Materials (3)
MAP 4303 Ordinary Differential Equations II (3)
MAP 4341 Partial Differential Equations (3)
MAP 4371 Numerical Methods for Diff. Eq. (3)
MAS 3105 Linear Algebra (3)
MAS 5145 Adv. Linear Alg. and Matrix Theory (3)
OSE 4900H Honors Directed Reading (3)
OSE 4970H Honors Thesis (3)
PHY 4604 Wave Mechanics I
PHY 4605 Wave Mechanics II
PH2 3113 Introduction to Theoretical Methods
EEL/PHY/Math 4XXX Courses with approval from Advisor

PSE Advising
The Photonic Science and Engineering Advising Office is located in CREOL, Building 53, Room 109B. Email undergrad@creol.ucf.edu for questions about the major.

*Flowchart is a suggested plan. Meet with advisor for personalized plan. Gen. Ed. courses not listed. In the event of an error, UCF Catalog takes precedence.