

ENVIRONMENTAL ENGINEERING

2015-2016 UCF Catalog (128 Hour Program)
 Department of Civil, Environmental, and Construction Engineering
 Academic Advisor: Carol Ann Pohl – EN2 211G

First Year Fall	(14)	First Year Spring	(15)
*ENC 1101 - Engr Comp I	(3)	*ENC 1102 - Engr Comp II	(3)
*♦ MAC 2311C - Calc w/An Geom I	(4)	*♦ MAC 2312 – Calc w/An Geom II	(4)
*Biological Science (BSC 1050 Preferred)	(3)	*♦ PHY 2048C - Physics Engr I	(4)
*ECO/POS	(3)	*Earth Science (GEO1200 Recommended)	(3)
EGS 1006C - Intro to Engr Prof	(1)	EGN 1007C - Engr Concept and Meth	(1)

Second Year Fall	(16)	Second Year Spring	(17)
*♦ MAC 2313 – Calc w/Analytic Geom III	(4)	*♦ MAP 2302 - Diff Eqns	(3)
*♦ CHM 2045C - Chem Fund I w/Lab	(4)	* CHM 2046C/L - Chem Fund II/Lab	(3/1)
* HUM/AMH/EUH/WOH - I	(3)	* PHY 2049C - Physics Engr II	(4)
EGN 3310 - Engr Mech - Statics	(3)	ENV 3001 – Intro to Environ Engr	(3)
EGN 3613 - Engr Econ Anal	(2)	EGN 3321 - Engr Mech - Dynamics	(3)

Second Year Summer	(9)
STA 3032 - Prob/Stat Engrs	(3)
EGN 3343 - Thermodynamics	(3)
CWR 3201 – Engr Fluid Mechanics	(3)

Third Year Fall	(17)	Third Year Spring	(15)
ENV 4531 – Env Engr Ops & Proc 1	(3)	ENV 4341 - Solid/Haz Waste	(3)
EES 4202C – Chemical Process Cntrl	(4)	EES 4111C - Biological Process Cntrl	(3)
EGN 3331 – Mechanics of Materials	(3)	ENV 4561 – Env Engr Ops & Proc 2	(3)
CWR 4632C – Water Resources 1	(4)	*SPC/COM (SPC 1603/1608 Preferred)	(3)
ENV 4120 – Air Pollution	(3)	Approved Project Design Course	(3)

Fourth Year Fall	(13)	Fourth Year Spring	(12)
CEG 4011C - Geotechnical Engr 1	(4)	CGN 4808C – Capstone Design	(3)
CWR 4633C – Water Resources 2	(3)	Technical Elective	(3)
CCE 4003 – Intro to Construction Ind	(3)	* ANT/PSY/SYG	(3)
*Cultural/Historical Elective	(3)	* HUM/AMH/EUH/WOH - II	(3)

- Notes:**
- (1) Nine (9) hours **minimum** summer attendance required by Florida state law.
 - (2) Pre-requisite courses for and within this program require a minimum grade of “C” (2.0) or better.
 - (3) Courses indicated with an asterisk (*) can typically be taken within a **pre-engineering A.A.** at a Florida Community or State College.
 - (4) Courses indicated with a diamond (♦) are Common Program Prerequisites (CPP).
 - (5) Courses indicated with a flag (⚑) must be completed to clear the “Pending” status.
 - (6) Students transferring to UCF will take an upper level Technical Elective in place of EGS 1006C and EGN 1007C.
 - (7) Students should check the CECE Department website for **recommended** Technical Electives (www.cece.ucf.edu)
 - (8) All CECE majors are required to take the Fundamentals of Engineering Exam prior to graduation in accordance with the Florida Board of Professional Engineers and the National Council of Examiners for Engineering and Surveying guidelines (see www.fbpe.org and www.ncees.org for more information).
 - (9) Project Design Courses are: ENV 4122C, ENV 4300C, ENV 4562C, ENV 4433C