

ENVIRONMENTAL ENGINEERING
2017-2018 UCF Catalog (128 Hour Program)
Department of Civil, Environmental, and Construction Engineering
Academic Advisor: Carol Ann Pohl – EN2 211G

First Year Fall	(15)	First Year Spring	(15)
*♦ⓂMAC 2311C - Calc w/An Geom I	(4)	*♦ⓂMAC 2312 – Calc w/An Geom II	(4)
*♦ⓂCHM 2045C - Chem Fund I w/Lab	(4)	*♦ⓂPHY 2048C - Physics Using Calc I	(4)
EGS 1006C - Intro to Engr Prof	(1)	EGN 1007C - Engr Concept and Meth	(1)
*ENC 1101 - Engl Comp I	(3)	*ENC 1102 - Engl Comp II	(3)
*Biological Science (BSC 1050 Preferred)	(3)	*ECO/POS	(3)

Second Year Fall	(16)	Second Year Spring	(16)
*♦MAC 2313 – Calc w/Analytic Geom III	(4)	*♦MAP 2302 - Diff Eqns	(3)
*CHM 2046C/L - Chem Fund II/Lab	(3/1)	*PHY 2049C – Physics Using Calc II	(4)
EGN 3310 - Engr Mech - Statics	(3)	EGN 3321 - Engr Mech - Dynamics	(3)
ENV 3001 –Environmental Engineering	(3)	EGN 3343 - Thermodynamics	(3)
EGN 3613 - Engr Econ Anal	(2)	EGN 3331C – Mechanics of Materials	(3)

Second Year Summer	(9)
STA 3032 - Prob/Stat Engrs	(3)
CWR 3201 – Engr Fluid Mechanics	(3)
*SPC/COM (SPC 1603/1608 Preferred)	(3)

Third Year Fall	(16)	Third Year Spring	(17)
ENV 4531 – Env Engr Unit Ops & Proc	(3)	ENV 4561 – Adv Env Engr Ops & Proc	(3)
EES 4202C – Chemical Process Cntrl	(4)	EES 4111C - Biological Process Cntrl	(4)
CWR 4202C – Hydraulics	(3)	CEG 4011C - Geotechnical Engr 1	(4)
ENV 4120– Air Pollution & Haz Waste Cntrl	(3)	Approved Project Design Course	(3)
*HUM/AMH/EUH/WOH - I	(3)	*HUM/AMH/EUH/WOH - II	(3)

Fourth Year Fall	(12)	Fourth Year Spring	(12)
CWR 4120 or 4124 – Hydrology or Hydrogeology	(3)	CGN 4808C – Capstone Design	(3)
ENV 4341 – Sustainable Resource Mgmt	(3)	CCE 4003 – Intro to Construction Ind	(3)
*Earth Science (GEO 1200 or 2370, GLY 1030 or 2038, EVR 1001)	(3)	Technical Elective	(3)
*ANT/PSY/SYG	(3)	*Cultural/Historical Elective	(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) Cultural/Historical Elective should be selected from MUL 2010, PHI 2010, THE 2000 to satisfy both State **and** UCF General Education requirements with one course.
 - (5) Select courses to satisfy HUM/AMH/EUH/WOH that will satisfy 6 hours of Gordon Rule Requirements.
 - (6) Courses indicated with a diamond (♦) are Common Program Prerequisites (CPP).
 - (7) Courses indicated with a flag (Ⓜ) must be completed to clear the “Pending” status.
 - (8) Transfer Students take an upper level Technical Elective in lieu of EGS 1006C and EGN 1007C.
 - (9) Students should check the CECE Department website for a list of **approved** Technical Electives (www.cece.ucf.edu)
 - (10) All CECE majors are required to take and report results of the Fundamentals of Engineering Exam prior to graduation in accordance with the Florida Board of Professional Engineers and National Council of Examiners for Engineering and Surveying guidelines (see www.fbpe.org and www.ncees.org).
 - (11) Project Design Courses are: ENV 4122C (Sp), ENV 4562C (Sp), ENV 4433C (Su)