### First Year Fall
- **MAC 2311C** – Calc w/An Geom I (4)
- **CHS 1440** – Principles of Chemistry (1)
- **EGS 1006C** - Intro to Engr Prof (1)
- **ENC 1101** - Engl Comp I (3)
- **ECO/POS** (3)

### First Year Spring
- **MAP 2302** - Diff Eqns (3)
- **EGN 3331C** - Mechanics of Materials (3)
- **STA 3032** – Prob/Stats for Engrs (3)
- **ENV 3001** –Environmental Engrg (3)
- **HUM/AMH/EUH/WOH - I** (3)

### Second Year Fall
- **MAC 2313** – Calc w/Analytic Geom III (4)
- **EGN 3310** - Engr Mech - Statics (3)
- **STA 3032** – Prob/Stats for Engrs (3)
- **ENV 3001** –Environmental Engrg (3)
- **HUM/AMH/EUH/WOH - II** (3)

### Second Year Spring
- **MAC 2312** – Calc w/An Geom II (4)
- **PHY 2048C** - Physics Using Calc I (4)
- **EGN 3613** – Eng Econ Anal (2)
- **CGN 3501C** (3)
- **CGN 4808C** (3)

### Second Year Summer
- **SPC/COM** (SPC 1603/1608 Preferred) (3)
- **EGN 3321** - Engr Mech - Dynamics (3)
- **CWR 3201** - Engr Fluid Mechanics (3)

### Third Year Fall
- **CWR 4202C** – Hydraulics (3)
- **CES 4100C** - Structural Analysis (4)
- **CEG 4011C** – Geotechnical Engr I (4)
- **TTE 3810** – Highway Engineering (3)
- **CGN 3700C** – CE Measurements (2)

### Third Year Spring
- **Depth Area 1, Course 1** (3)
- **Depth Area 2, Course 2** (3)
- **CGN 3501C – CE Materials** (3)
- ***ANT/PSY/SYG** (3)
- ***HUM/AMH/EUH/WOH - II** (3)

### Fourth Year Fall
- **Approved Project Design Course** (3)
- **Depth Area 1, Course 2** (3)
- **Depth Area 2, Course 2** (3)
- **Depth Elective 1** (3)
- ***Basic Science** (3)

### Fourth Year Spring
- **CGN 4808C** – Capstone Design (3)
- **Depth Elective 2** (3)
- **Technical Elective** (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. Basic Science choose from EVR 1001, GEO 1200, GEO 2370, GLY 2038, GLY 1030, or MET 2104.
5. 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.
6. Select courses to satisfy HUM/AMH/EUH/WOH that will satisfy 6 hours of Gordon Rule Requirements.
7. Courses indicated with a diamond (◆) are Common Program Prerequisites (CPP).
8. Courses indicated with a flag (★) must be completed to clear the “Pending” status.
9. Transfer students will take upper level Technical Electives in place of EGS 1006C and EGN 1007C.
10. Students should check CECE Department website for a list of approved Technical Electives (www.cece.ucf.edu).
11. 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).
12. Project Design Courses are: CEG 4801C, CES 4743C, CWR 4812C, or TTE 4601C
13. Complete two (2) Depth Areas from Mechanics: EGN 3343 and CES 4205; Structural: CES 4605 and CES 4702; Geotechnical: CEG 4012 and CWR 4124; Water Resources: CWR 4120 and CWR 4124; or Transportation: TTE 4274 and TTE 4300.
14. Take two (2) additional courses from those not taken above or from Environmental: ENV 4531, ENV 4561 or Construction: CCE 4004, CCE 4034