

# ENVIRONMENTAL ENGINEERING

2007-2008 UCF Catalog

(128 Hour Program)

Academic Advisor: Carol Ann Pohl – EN2 211G

|  |             |                                      |             |
|--|-------------|--------------------------------------|-------------|
| <b>First Year Fall</b>                   | <b>(14)</b> | <b>First Year Spring</b>             | <b>(15)</b> |
| *ENC 1101 - Engl Comp I                  | (3)         | *ENC 1102 - Engl Comp II             | (3)         |
| *MAC 2311 - Calc w/Analytic Geom I       | (4)         | *MAC 2312 – Calc w/Analytic Geom II  | (4)         |
| *Biological Science (BSC 1050 Preferred) | (3)         | *PHY 2048/L - Physics Engr I/Lab     | (3/1)       |
| *ECO 2013 or ECO 2023 - Economics        | (3)         | *Earth Science (GEO1200 Recommended) | (3)         |
| EGN 1006C - Intro to Engr Prof           | (1)         | EGN 1007C - Engr Concept and Meth    | (1)         |

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

|                                  |            |
|----------------------------------|------------|
| <b>Second Year Summer</b>        | <b>(9)</b> |
| *SPC 1016 – Tech Presentations   | (3)        |
| EGN 3343 - Thermodynamics        | (3)        |
| ENV 3001 - Intro to Environ Engr | (3)        |

|                                  |             |                                   |             |
|----------------------------------|-------------|-----------------------------------|-------------|
| <b>Third Year Fall</b>           | <b>(15)</b> | <b>Third Year Spring</b>          | <b>(15)</b> |
| CWR 3201 – Engr Fluid Mechanics  | (3)         | CWR 4101C - Hydrology             | (3)         |
| CCE 4003 – Intro to Construction | (3)         | CWR 4203C - Hydraulics            | (3)         |
| ENV 4120 – Air Pollution         | (3)         | EGN 3331 – Mechanics of Materials | (3)         |
| ENV 4341 - Solid/Haz Waste       | (3)         | *Cultural/Historical Elective     | (3)         |
| STA 3032 - Prob/Stat Engrs       | (3)         | EGN 3373 – Prin Elec Eng          | (3)         |

|                                    |             |                                      |             |
|------------------------------------|-------------|--------------------------------------|-------------|
| <b>Fourth Year Fall</b>            | <b>(13)</b> | <b>Fourth Year Spring</b>            | <b>(14)</b> |
| ENV 4561 – Env Engr Process Design | (4)         | Approved Project Design Course       | (3)         |
| EES 4202C – Chemical Process Cntrl | (3)         | EES 4111C - Biological Process Cntrl | (3)         |
| Technical Elective                 | (3)         | Technical Elective                   | (2)         |
| Approved Project Design Course     | (3)         | Technical Elective                   | (3)         |
|                                    |             | *ANT/PSY/SYG                         | (3)         |

- Notes:**
- (1) Nine (9) hours **minimum** summer attendance required by Florida state law.
  - (2) Students should check CEE Department Five Year Course Planning Calendar for terms when department courses are typically offered. Students should check with the CEE Department advisor to insure they are making proper progress toward the degree.
  - (3) Courses indicated with an asterisk (\*) can typically be taken within a **pre-engineering A.A.** at a Florida Community College.
  - (4) Students transferring to UCF may elect to take an upper level Technical Elective in place of EGN 1006 and EGN 1007.
  - (5) Students should check with the CEE Department for **recommended** Technical Electives as well as **approved** Project Design courses.