**Curriculum Flowchart**  
**Bachelor of Science in Civil Engineering**  
**(130 CREDIT HOURS)**

**Environmental Engineering Concentration**

**Prerequisite** ➔ **Co-requisite** ➔ **Critical Path** ➔ **Grade of "C" or better is required for all prerequisite classes**

1. **Course of the Five (3 hrs)**
   - ENVIRON ENG ISSUES CE 2803
   - ENVIRONMENTAL ENGINEERING ELECTIVE Jr Standing
   - ENV ENG CE 3823 + CE 3801 LAB
   - ENGRD ENVIR SYS CE 4883
   - WATER & WASTE ENGR CE 4863
   - OPEN CHANNELS CE 4523
   - ENGR HYDROLOGY CE 4513
   - CE COMP CE 4903 Graduation Semester
   - CONCRETE & STEEL STRUCTURES CE 4953
   - CEM CE 4703
   - GEOTECH CE 4433
   - TRANS CE 4133 OR CE 4143
   - MATERIALS CE 4103

2. **Environmental Engineering Elective 6 hrs**
   - CALCULUS I MA 1713
   - FINE ART 3 HRS
   - SOCIAL SCIENCE 6 HRS
   - ENVIRON ENGINEERING ELECTIVE Jr Standing
   - THERMO I ME 3513
   - CAL/ENG II MA 1723
   - HUMA 6 HRS
   - PHYSICS I PH 2213
   - SURVEYING + LAB CE 2213
   - TRANS ENG CE 3113
   - DIFF EQNS MA 3253
   - TECH WR GE 3513 SECTION 09 Jr Standing
   - SOIL MECH CE 3413 + CE 3411 LAB
   - STRUC MECH CE 3603
   - SOIL MECH CE 3413 + CE 3311 LAB
   - CONSTR. MATLS CE 3313
   - MATERIALS CE 4103

3. **Environmental Engineering Elective 6 hrs**
   - CALC/LENG III MA 2733
   - STATICS EM 2413
   - BASIC SCIENCE ELECTIVE
   - CAL/LENG IV MA 2743
   - CALCULUS III MA 2733
   - DYNAMICS EM 2433
   - MECH MATLS EM 3213
   - STATISTICS ST 3123
   - MECH MATLS EM 3213
   - CALC/LENG III MA 2733
   - CALC/LENG IV MA 2743
   - DIFF EQNS MA 3253
   - TECH WR GE 3513 SECTION 09 Jr Standing
   - ENVENG CE 4863
   - OPEN CHANNELS CE 4523
   - ENGR HYDROLOGY CE 4513
   - CE COMP CE 4903 Graduation Semester
   - CONCRETE & STEEL STRUCTURES CE 4953
   - CEM CE 4703
   - GEOTECH CE 4433
   - TRANS CE 4133 OR CE 4143
   - MATERIALS CE 4103

4. **Environmental Engineering Elective 3 hrs**
   - ENV ENG CE 3503 + CE 3501 LAB
   - WATER ENG CE 3503 + CE 3501 LAB
   - CE ELECTIVE 6 HRS
   - FROM the CEE Environmental - Water Resources Elective List
   - FRCE MECH EM 3313
   - DYNAMICS EM 2433
   - MECH MATLS EM 3213
   - CALC/LENG IV MA 2743
   - DIFF EQNS MA 3253
   - TECH WR GE 3513 SECTION 09 Jr Standing
   - SOIL MECH CE 3413 + CE 3411 LAB
   - STRUC MECH CE 3603
   - SOIL MECH CE 3413 + CE 3311 LAB
   - CONSTR. MATLS CE 3313
   - MATERIALS CE 4103

5. **Environmental Engineering Elective 6 hrs**
   - ELECTIVE 6 HRS
   - FROM the CEE Environmental - Water Resources Elective List
   - THERMO I ME 3513
   - CAL/ENG II MA 1723
   - HUMA 6 HRS
   - PHYSICS I PH 2213
   - SURVEYING + LAB CE 2213
   - TRANS ENG CE 3113
   - DIFF EQNS MA 3253
   - TECH WR GE 3513 SECTION 09 Jr Standing
   - SOIL MECH CE 3413 + CE 3411 LAB
   - STRUC MECH CE 3603
   - SOIL MECH CE 3413 + CE 3311 LAB
   - CONSTR. MATLS CE 3313
   - MATERIALS CE 4103

Choose 2 Courses from 2 Different Areas (6 hrs)

Choose 1 Course of the Five (3 hrs)