Progression Flowchart: Bachelor of Science Dual Degree in
Architecture & Civil Engineering

1. COM 1103
   English Composition
   (A)
   COM 1001
   University Seminar
   (F,SP)
   ARC 1012-AAA
   Or ECE 1012-Civil Eng.
   Perspective (F,SP)
   GLG 1103
   Geology
   (F,SP)
   ARC 1213
   Visual Com. 1
   (F,SP)
   MCS 1414
   Calculus 1
   (A)
   ART 1113
   Basic Design 1
   (F,SP)
   ART 1133
   Basic Design 2
   (A)
   PHY 2413
   University Physics 1
   (A)
   MCS 1424
   Calculus 2
   (A)
   CHM 1213
   University Chem. 1
   (SP)
   ARC 1223
   Visual Com. 2
   (A)
   ART 1213
   Visual Com. 1
   (F,SP)
   ARC 2813
   Electronic Methods 1
   (A)

2. LTT 1213
   World Masterpieces 1
   (A)
   COM 2103
   Tech & Prof.
   Communication
   (A)
   LDR 2001
   Leadership Models & Prac. (ALL)
   ARC 3612
   Hist. of the Des.
   Environment 1 (F)
   ARC 3623
   Hist. of the Des.
   Environment 2 (SP)
   GLG 2413
   Develop. Amer. Experience
   (A)
   ARC 3626
   Visual Com. 2
   (SP)
   ARC 3623
   Integrated Design
   Studio 1 (F)
   ARC 3624
   Integrated Design
   Studio 2 (SP)
   PHY 2423
   University Physics 2
   (A)
   MCS 2414
   Calculus 3
   (A)
   PHY 2423
   or 2221
   Physics 1 Lab
   (A)
   PHY 2431 or 2231
   Physics 2 Lab
   (A)
   MCS 2423
   Calculus 3
   (A)
   MCS 2423
   Differential Equations
   (A)
   ARC 2117
   Integrated Design
   Studio 1 (F)
   ARC 2123
   Integrated Design
   Studio 2 (SP)
   ARC 2106
   Integrated Design
   Studio 2 (SP)

3. LDR 3000
   Leadership Seminar
   Series. (F, SP)
   ECE 3012
   Engineering Cost
   Analysis (A)
   ECE 3523
   Hydromechanics
   (F,SP)
   ECE 3013
   Statics
   (A)
   ECE 3553
   Hydraulic Engineering
   (F,SP)
   ECE 3554
   Fluid Mechanics
   (F,SP)
   ECE 3623
   Environmental
   Systems 2 (F,SP)
   ECE 3626
   Environmental
   Systems 2 (SP)

4. COM 3000
   Writing Proficiency
   Exam (A)
   LDR 3000
   Leadership Seminar
   Series. (F, SP)
   ECE 4243
   CE Management
   Practices (SP)
   ECE 4343
   (1 DC)
   Environmental
   Engineering 2 (SP)
   ECE 4344
   (3 DC)
   Environmental
   Engineering Design
   (SP)

5. Electives
   Choose 2

NOTES
1. Placement.
2. COM 1001 is a pre-req.
3. CHM 1213 is a pre-req.
4. Senior standing (90 credits) or permission of C.E. dept. chair
5. Senior standing (90 credits) and permission of C.E. dept. chair
6. Take a.s.a.p. after Statics
7. Choose 2 electives with total of 3 design credits (DC). Also, see CE advisor for additional potential electives.
8. 3000/4000 level course must be taken to satisfy
9. Must have 60 total credits to take the exam

Key
- Crossover
- Concurrent or Co-requisite
- Either one first
- F = Fall semester
- Sp = Spring semester
- Su = Summer semester
- A = All semesters