Bachelor of Science in Civil Engineering – Flow Chart

Fall Freshman: Surveying ENGR 160

Spring Freshman: Intro. Engineering Design ENGR 100

Fall Sophomore: Intro to Programming CISC 130

Spring Sophomore: Applied Geology GEOL 163

Fall Junior: Calculus I MATH 113

Spring Junior: Classical Phys. I PHYS 211

Fall Senior: Calculus II MATH 114

Spring Senior: Statics ENGR 220

Intro Diff Eq & Systems MATH 210

Mechanics of Materials ENGR 221

Dynamics for CE ENGR 222

Structural Analysis ENGR 364

Construction & Eng. Economy ENGR 362

Fluid Mechanics ENGR 368

Steel & Conc. Design ENGR 365

Engineering Design Clinic I ENGR 480

Engineering Design Clinic II ENGR 481

Environmental Engineering ENGR 468

Transportation ENGR 466

Construction Materials ENGR 363

Classical Phys. II PHYS 212

Soil Mechanics & Foundations ENGR 463

Environmental Engineering ENGR 468

Intro Diff Eq & Systems MATH 210

Calculus II MATH 114

Statics ENGR 220

Mechanics of Materials ENGR 221

Dynamics for CE ENGR 222

Structural Analysis ENGR 364

Construction & Eng. Economy ENGR 362

Fluid Mechanics ENGR 368

Steel & Conc. Design ENGR 365

Engineering Design Clinic I ENGR 480

Engineering Design Clinic II ENGR 481

Water Resources ENGR 467