B.S. Engineering Design Prerequisite Flowchart

**Fall 1st Year**
- EH 101 English Comp. I (3)
- CH 115 Gen Chemistry I (3)
- CH 116 Gen Chem II Lab (1)
- MA 125 Calculus I (4)

**Spring 1st Year**
- CH 117 Gen Chemistry II (3)
- MA 126 Calculus II (4)
- EGR 103 EGR Graphics (3)
- EGR 200 Intro to EGR (3)
- EGR 117 EDI I: Design Thinking (3)

**Fall 2nd Year**
- EH 102 English Comp. II (3)
- EGR 150 Comp. Meth. for EGR (3)
- EGR 221 EE 312 or EE 314 (3)
- EGR 217 EDI II: Prototyping (3)
- EGR 204 EGR Explorations (1)

**Spring 2nd Year**
- MA 260 Linear Algebra (3)
- MA/SCI Elective (3)
- MA 260 Engineering Materials (3)
- EGR 265 MA Tools for EGR Prob. Solving (4)
- PH 222 Gen Physics II (4)

**Fall 3rd Year**
- Engineering Minor Course (3)
- MA 260 Statics (3)
- ME 215 Dynamics (3)
- EE 312 or EE 314 Electrical Systems or Circuits (3)
- MA 126 EGR Explorations (1)

**Spring 3rd Year**
- Blazer Core Reasoning (3)
- CE 220 Mechanics of Solids (3)
- Elective/Certificate Course (3)
- EE 312 or EE 314, MSE 280, ME 215, and CE 220
- EGR 317 EDI III: Project Lab (3)

**Fall 4th Year**
- Blazer Core City as a Classroom (3)
- Blazer Core Humans & their Societies (3)
- Blazer Core History & Meaning (3)
- EGR 498 Capstone Design Project I (3)
- Engineering Minor Course (3)
- Elective/Certificate Course (3)

**Spring 4th Year**
- EGR 499 Capstone Design Project II (3)
- Engineering Minor Course (3)
- Elective/Certificate Course (3)
- EE 312 or EE 314, MSE 280, or CE 210
- EE 312 or EE 314, or MSE 280, or CE 210
- Elective/Certificate Course (3)

**Key**
- Prerequisite
- (C): Corequisite (may be taken prior or concurrently)
- General Education Course (Credit Hours)
- Math & Basic Sci. Course (Credit Hours)
- General EGR Course (Credit Hours)
- Engineering Design Core (Credit Hours)
- Engineering Minor Course (Credit Hours)

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