### FIRST YEAR

#### Fall Semester
- **GE B**
- **MATH 125 (GE F)**
- **WRIT 150**
- **BUAD 304**
- **ENGR 102**

#### Spring Semester
- **CSCI 103L (CSCI 109)**
- **MATH 126 or 129**
- **ECON 351**
- **GE C**
- **CSCI 109**

### SECOND YEAR

#### Fall Semester
- **CSCI 170**
- **MATH 225 or EE 141L**
- **ECON 352**
- **CSCI 104L**
- **OPTIONAL ELECTIVE**

#### Spring Semester
- **BASIC SCIENCE (GE D or E)**
- **CSCI 201L**
- **CSCI 270**
- **ACCT 410x**
- **OPTIONAL ELECTIVE**

### THIRD YEAR

#### Fall Semester
- **BUAD 310 or EE 364 or MATH 407**
- **BUAD 302**
- **GE A**
- **BUAD 307**
- **OPTIONAL ELECTIVE**

#### Spring Semester
- **CSCI ELECTIVE**
- **CSCI 310L**
- **GE C**
- **BUAD 306 or MATH 306 or EE 364 or BUAD 302 or BUAD 311**
- **OPTIONAL ELECTIVE**

### FOURTH YEAR

#### Fall Semester
- **WRIT 340**
- **BUAD ELECTIVE**
- **CSCI/BUAD ELECTIVE**
- **BUAD 311**
- **OPTIONAL ELECTIVE**

#### Spring Semester
- **GEE or D**
- **GE B**
- **BUAD 497**
- **OPTIONAL ELECTIVE**
- **OPTIONAL ELECTIVE**

### MATHEMATICS (12 UNITS)
- **MATH 125**: Calculus I
- **MATH 126 or MATH 129**: Calculus II
- **MATH 225**: Linear Algebra & Diff. Equations
- **or EE 141**: Applied Linear Algebra for Engineering

### STATISTICS AND PROBABILITY (4 UNITS)
- **BUAD 310**: Applied Business Statistics or **or EE 364**: Intro to Probability & Statistics
- **MATH 407**: Probability Theory

### SCIENCE COURSES (4 UNITS)
- **BASIC SCIENCE: PHYS 151L, CHEM 105AL OR BISC 120L**

### GENERAL EDUCATION (32 UNITS)
- **GE A** The Arts (1 Course)
- **GE B** Humanistic Inquiry (2 Courses)
- **GE C** Social Analysis (2 Courses)
- **GE D** Life Sciences (1 Course)
- **GE E** Physical Sciences (1 Course)
- **GE F** Quantitative Reasoning (1 Course)
- **GE G,H** Global Perspectives (2 Courses)*
- **GESM** General Education Seminar (1 Course)*

### WRITING (7 UNITS)
- **WRIT 150**: Writing and Critical Reasoning
- **WRIT 340**: Advanced Writing

### BUSINESS & ECONOMICS (36 UNITS)
- **ACCT 410X**: Accounting for Non-Business Majors
- **BUAD 302**: Communication Strategy in Business
- **BUAD 304**: Organizational Behavior
- **BUAD 306**: Business Finance
- **BUAD 307**: Marketing Fundamentals
- **BUAD 311**: Operations Management
- **BUAD 497**: Strategic Management
- **ECON 351**: Microeconomics for Business
- **ECON 352**: Macroeconomics for Business

### ENGINEERING (32 UNITS)
- **CSCI 103L**: Introduction to Programming
- **CSCI 104L**: Data Structures & Obj. Orient. Design
- **CSCI 109**: Introduction to Computing
- **CSCI 170**: Discrete Methods in Comp. Science
- **CSCI 201L**: Princ. of Software Development
- **CSCI 270**: Intro. to Algorithms & Theory of Comp.
- **CSCI 310L**: Intro. to Software Engineering
- **CSCI 401**: Capstone: Design & Construction of Large Software Systems
- **or 404**: Capstone: Creating Your High-Tech Startup

### ENGR 102: Engineering Freshman Academy

### CSCI/BUAD ELECTIVES (9-12 UNITS)

### SPECIAL NOTES
Courses with the AP/IB symbol may be satisfied with AP, IB or A-Level exams. See page 17 for more information.

**GE**: Engineering students are encouraged to satisfy GE G and GE H with a course that also satisfies a Core Literacy. GE H may be satisfied by exam. Additionally, your GESM course should be taken in categories A, B, C, or D only. See page 21 for more information and consult your advisor for detailed assistance.

**GRADE QUALIFIER**: A grade of a C (2.0) or better is required for each of the core courses (CSCI 103, 170, 104 & 201). Courses with a grade of C- or below must be repeated; courses may only be retaken once with department approval.

**CSCI/BUAD ELECTIVES**: See advisor for current list. Students must take one course from the Computer Science listings, one from the Business listings, and a third course from either one.