

FIRST YEAR

FALL SEMESTER

GE B 4	MATH 125 (GE F) 4	WRIT 150 4	BUAD 304 4	ENGR 102 2
------------------	-----------------------------	----------------------	----------------------	----------------------

SPRING SEMESTER

CSCI 103L (CSCI 109) 4	MATH 126 or 129 MATH 125 4	ECON 351 MATH 125 or 126 or 226 4	GE C 4	CSCI 109 2
----------------------------------	---	--	------------------	----------------------

SECOND YEAR

FALL SEMESTER

CSCI 170 CSCI 103L, 109 4	MATH 225 MATH 126 or MATH 129 or EE 141L 4	ECON 352 (ECON 351) 4	CSCI 104L CSCI 103L, (CSCI 170) 4	OPTIONAL ELECTIVE 2
--	---	---------------------------------	--	-------------------------------

SPRING SEMESTER

PHYS 151 or CHEM 105aL or BISC 120 (GE D or E) 4	CSCI 201L CSCI 104L 4	CSCI 270 CSCI 104L, 170 4	ACCT 410x 4	OPTIONAL ELECTIVE 2
--	------------------------------------	--	-----------------------	-------------------------------

THIRD YEAR

FALL SEMESTER

BUAD 310 or EE 364 or MATH 407 MATH 225 MATH 226 3-4	BUAD 302 4	GE A 4	BUAD 307 4	OPTIONAL ELECTIVE 2-3
--	----------------------	------------------	----------------------	---------------------------------

SPRING SEMESTER

CSCI ELECTIVE 4	CSCI 310L CSCI 201L 4	GE C 4	BUAD 306 ACCT 410x, ECON 351, (ECON 352, BUAD 310 or EE 364) 4	OPTIONAL ELECTIVE 2
---------------------------	------------------------------------	------------------	---	-------------------------------

FOURTH YEAR

FALL SEMESTER

WRIT 340 WRIT 150 3	BUAD ELECTIVE 4	CSCI 401 or CSCI 404 CSCI 270, CSCI 310, CSCI 201, CSCI 270, IIP 466 4	BUAD 311 BUAD 310 or EE 364 or MATH 407 4	OPTIONAL ELECTIVE 3
----------------------------------	---------------------------	--	--	-------------------------------

SPRING SEMESTER

GE E or D 4	GE B 4	BUAD 497 ACCT 410 or BUAD 302, 304, 306, and 307, (BUAD 311) 4	CSCI/BUAD ELECTIVE 4	OPTIONAL ELECTIVE 2
-----------------------	------------------	---	--------------------------------	-------------------------------

MATHEMATICS (15-16 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
BUAD 310: Applied Business Statistics or
 or **EE 364:** Intro to Probability & Statistics
 or **MATH 407:** Probability Theory

SCIENCE COURSES (4 UNITS)

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 Quantative 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 Freshmen Academy

CSCI/BUAD ELECTIVES (12 UNITS)

CSCI 360L: Introduction to Artificial Intelligence
CSCI 430: Security Systems
CSCI 485: File and Database Management
BAEP 452: Feasibility Analysis
BAEP 453: Venture Management

BUAD 301: Technology Entrepreneurship
DSO 431: Managing the Digital Revolution for Your Business
DSO 433: Business Info. Sys. Analysis & Design
DSO 443: The Bus. of Interactive Digital Media
DSO 462: Managing Small Bus. on the Internet
MKT 425: Marketing on the Internet

*SPECIAL NOTES

Courses with this 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 pp. 16-17 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: Students must take one course from the Computer Science selection and one from the Business selection and a third course from either one.