Computer Information Systems, B.S. major

Required Credits: 76
Required GPA: 2.25

I REQUIRED BASIC CORE COURSES

Complete the following courses:

• ACCT 2101 Principles of Accounting I (3 credits)
• ACCT 2102 Principles of Accounting II (3 credits)
• BUAD 2220 Legal Environment (3 credits)
• BUAD 2231 Business Statistics I (3 credits)
  or STAT 2610 Applied Statistics (4 credits)
• BUAD 2280 Computer Business Applications (3 credits)
• BUAD 3223 Operations Management (3 credits)
• BUAD 3351 Management (3 credits)
• BUAD 3361 Marketing (3 credits)
• BUAD 3381 Management Information Systems (3 credits)
• BUAD 3771 Financial Management (3 credits)
• BUAD 4559 Strategic Management (3 credits)
• BUAD 4600 Senior Seminar: Business Administration (1 credit)
• ECON 2000 Markets and Resource Allocation (3 credits)
• ECON 2100 Macroeconomics and the Business Cycle (3 credits)
• MATH 2210 Discrete Mathematics (4 credits)

II ADDITIONAL REQUIRED COURSES

Complete the following courses:

• BUAD 3382 Business Application Development (3 credits)
• BUAD 3384 Systems Analysis and Design (3 credits)
• BUAD 4385 Data Modeling and Design (3 credits)
• CS 1309 Problem Solving and Computation (3 credits)
• CS 2321 Computer Science I (4 credits)
• CS 2322 Computer Science II (4 credits)
• CS 4385 Social, Ethical, and Professional Issues in Computing (3 credits)

III REQUIRED ELECTIVES

Select three of the following: At least TWO courses must be from Group B

GROUP A.

• BUAD 3281 Decision Support Systems (3 credits)
• BUAD 3283 E-Commerce Web Development (3 credits)
• BUAD 3383 Data Communications (3 credits)
• BUAD 4386 Applied Software Development Project (3 credits)
• BUAD 4387 Strategic Information Management (3 credits)
May include 3 credits of
• BUAD 4970 Internship (1-12 credits)

GROUP B.

• CS 2270 Introduction to Web Programming (3 credits)
• CS 3270 Advanced Web Programming (3 credits)
• CS 3350 Event-Driven Programming in a Windows Environment (3 credits)
• CS 3360 Object-Oriented Software Development (3 credits)
• CS 3370 Mobile Application Development (3 credits)
• CS 3380 Game Development (3 credits)
• CS 3507 Introduction to Databases (3 credits)
• CS 3528 Data Structures and Algorithms (4 credits)
• CS 3560 Data Communications and Networks (3 credits)
• CS 4360 Software Engineering (3 credits)
• CS 4970 Internship (3 credits)