Suggested Course Plan for a UC Riverside Major in Business Informatics
(Catalog Year 2010)

**Fall Quarter**
- **CS 010 (4)**  
  C++ Programming I
- **ENGL 001A (4)**  
  English Composition
- **ENGR 001M (1)**  
  Professional Dev & Mentoring
- **MATH 009A (4)**  
  First Year Calculus

**Winter Quarter**
- **CS 012 (4)**  
  C++ Programming II
- **ENGL 001B (4)**  
  Composition
- **MATH 009B (4)**  
  First Year Calculus
- **BREADTH (4)**  
  Humanities/Natural Science

**Spring Quarter**
- **CS 014 (4)**  
  Data Structures
- **MATH 009C (4)**  
  First Year Calculus
- **MATH/CS 011 (4)**  
  Intro to Discrete Structures

**First Year**

**Second Year**
- **BUS 020 (4)**  
  Financial Accounting
- **CS 061 (4)**  
  Assembly Language Programming
- **CS 100 (4)**  
  Software Construction
- **ECON 002 (5)**  
  Intro to Macroeconomics
- **MATH 010A (4)**  
  Multivariable Calculus
- **MATH/CS 111 (4)**  
  Discrete Structures
- **BREADTH (4)**  
  Humanities/Natural Science
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  Humanities/Natural Science

**Third Year**
- **BUS 103 (4)**  
  Marketing & Distribution Mgmt
- **CS 141 (4)**  
  Algorithms
- **SOC 150 (4)**  
  Economic Organizations
- **ENGR 101M (1)**  
  Professional Dev & Mentoring
- **BUS 104 (4)**  
  Decision Analysis & Mgmt Science
- **CS 153 (4)**  
  Operating Systems
- **STAT 155 (4)**  
  Probability, Statistics for Engr
- **BREADTH (4)**  
  Humanities/Natural Sciences

**Fourth Year**
- **BUS 101 (4)**  
  Information Technology Mgmt
- **CS 165 (4)**  
  Computer Security
- **CS 166 (4)**  
  Database Mgmt Systems
- **TECHNICAL ELECTIVE (4)**  
  **See Catalog List**
- **CS 164 (4)**  
  Computer Networks
- **CS 180 (4)**  
  Intro to Software Engineering
- **TECHNICAL ELECTIVE (4)**  
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- **BREADTH (4)**  
  Humanities/Natural Science

**Notes**

Humanities/Natural Sciences courses fulfill breadth requirements specific to the College of Engineering. A list of approved Breadth courses is available on the College of Engineering Student Academic Affairs website: [http://student.engr.ucr.edu](http://student.engr.ucr.edu).

**Technical Electives** are courses which explore specific topics. A list of Technical Electives is available on the College of Engineering Student Academic Affairs website: [http://student.engr.ucr.edu](http://student.engr.ucr.edu), and the UCR College Catalog website: [www.catalog.ucr.edu](http://www.catalog.ucr.edu).