



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)  
*English 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*

ECON 003 (5)  
*Intro to Microeconomics*  
ENGR 180W (4)  
*Technical Communications*  
BREADTH (4)  
*Humanities/Natural Science*  
BREADTH (4)  
*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*

BUS 106 (4)  
*Financial Theories & Markets*  
MATH 113 (5)  
*Linear Algebra*  
TECHNICAL ELECTIVE (4)  
*\*\*See Catalog List*  
TECHNICAL ELECTIVE (4)  
*\*\*See Catalog List*

### 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/>.

\*\*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/>, and the UCR College Catalog website: [www.catalog.ucr.edu/](http://www.catalog.ucr.edu/).