



Suggested Course Plan for a UC Riverside Major in

# Business Informatics

(Catalog Year 2009)

## 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*  
ECON 002 (5)  
*Intro to Macroeconomics*  
ENGL 001C or ENGL 01SC\* (4)  
*English Composition*  
MATH 009C (4)  
*First Year Calculus*

### First Year

### Second Year

BUS 020 (4)  
*Financial Accounting*  
CS 061 (4)  
*Assembly Language Programming*  
CS 100 (4)  
*Software Construction*  
MATH/CS 011 (4)  
*Intro to Discrete Structures*

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 180 (3)  
*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)  
*\*\*See Catalog List*  
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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/>.

\*Optional, but recommended.

\*\*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/).

# Business Electives

**CONCENTRATIONS** (at least 20 Units) Choose five courses from one of the concentrations listed below.

Courses completed to meet upper division core requirements may not be used to meet concentration requirements. Consult the UCR general catalog for course prerequisites, title and content.

**Accounting:** At least three of the five courses must be selected from BUS 159 – BUS 169B below.

BUS 159, BUS 164, BUS 165A, BUS 165B, BUS 165C, BUS 166, BUS 167, BUS 168A, BUS 168B, BUS 169A, BUS 169B, ECON 112, PHIL 116, PSYC 134

**Arts Management:** BUS 111, BUS 117, BUS 155, BUS 156, BUS 159, CS 143/EE 143; at least three but not more than five upper division courses (4 unit minimum for a single course) must be taken in one of these areas: ART, AHS, CRWT, DNCE, HIST, MUS, THEA; or students may complete a minor in one of the arts

**Environmental Management:** BUS 139, CEE 132, ECON 143A/ENSC 143A, ECON 143B/ENSC 143B, ECON 143C/ENSC 143C, ECON 146/URST 146, ECON 148, ENSC 170, ENSC 172, ENSC 174, GEO 157, PHIL 116, PHIL 117, POSC 127

**Financial Economics:** BUS 135A, BUS 135B, BUS 136, BUS 137, BUS 138 or ECON 171, BUS 139, ECON 102B, ECON 103B, ECON 112, ECON 130, ECON 135, ECON 136

**General Management:** BUS 111 or BUS 113, BUS 128 or BUS 129, BUS 135A, BUS 143 or BUS 155, BUS 146, BUS 147, BUS 148, BUS 165A, BUS 173, BUS 180A, BUS 180B, BUS 180C

**Human Resources Management:** At least one of BUS 155 and PSYC 142 and the remainder from the following: ANTH 105/BUS 158, BUS 144, BUS 156, BUS 157, BUS 176/SOC 176, PSYC 155, SOC 150, SOC 151, SOC 171

**Information Systems:** At least three of the five courses must be selected from BUS 171 – BUS 179 below.

BUS 118, BUS 166, BUS 171, BUS 172, BUS 173, BUS 174, BUS 175, BUS 177, BUS 179, CS 120A/EE 120A, CS 120B/EE 120B, PSYC 134, PSYC 140, PSYC 142

**International Management:** BUS 114, BUS 138, BUS 154B, BUS 164, BUS 178/ECON 178, BUS 185, ECON 113, ECON 171, ECON 179, ECON 182, ECON 185/LNST 185, HISA 162/LNST 172, POSC 126, POSC 127, POSC 130, POSC 162/LNST 162, SOC 181

**Managerial Economics:** BUS 152/ECON 152, BUS 153/ECON 153, BUS 160/ECON 160, BUS 178/ECON 178, ECON 102B, ECON 103B, ECON 107, ECON 108, ECON 130, ECON 163, ECON 143A/ENSC 143A

**Marketing:** At least two of the five courses must be selected from BUS 111-BUS 119.

BUS 111, BUS 112, BUS 113, BUS 114, BUS 115, BUS 117, BUS 118, BUS 119, CRWT 130, ECON 102B, ECON 104 or ECON 111, ECON 112, PHIL 116, PSYC 134, PSYC 140, PSYC 158, STAT 147

**Operations & Supply Chain Management:** At least three of the five courses must be selected from BUS 122 – BUS 129. BUS 118, BUS 122, BUS 128, BUS 129, BUS 173, BUS 127/STAT 127, BUS 162/ECON 162, ECON 112

**Public Policy and Management:** BUS 111, BUS 152/ECON 152, BUS 155, BUS 156, BUS 159, BUS 160/ECON 160, ECON 132, ECON 135, ECON 163, ECON 143A/ENSC 143A, ECON 187/LNST 187, PHIL 116, POSC 181, POSC 182, POSC 186, SOC 150, SOC 151

**BUS UPPER DIVISION MAJOR ELECTIVES** (Any 12 units, excluding BUS 190; listed by functional area for information only)

**Accounting:** BUS 159, BUS 164, BUS 165A, BUS 165B, BUS 165C, BUS 166, BUS 167, BUS 168A, BUS 168B, BUS 169A, BUS 169B

**Finance:** BUS 135A, BUS 135B, BUS 136, BUS 137, BUS 138, BUS 139, ECON 153/BUS 153, ECON 162/BUS 162, ECON 178/BUS 178

**Management Information Systems:** BUS 171, BUS 172, BUS 173, BUS 174, BUS 175, BUS 177, BUS 179

**Marketing:** BUS 111, BUS 112, BUS 113, BUS 114, BUS 115, BUS 117, BUS 118, BUS 119

**Production & Operations Mgt:** BUS 122, BUS 127/STAT 127, BUS 128, BUS 129

**Strategy/Organizational Behavior/Human Resource Mgt:** ANTH 105/BUS 158, BUS 143, BUS 144, BUS 155, BUS 156, BUS 157, BUS 160/ECON160, BUS 176/SOC 176, BUS 185

**General:** BUS 146, BUS 147, BUS 148, BUS 152/ECON152, BUS 154A, BUS 154B, BUS 198I (see Gen Catalog for unit restrictions), BUS 199H