Suggested Course Plan for an Information Systems 04/05 Major at UC Riverside (Catalog Years: 2004-05)

### Fall Quarter
- **MATH 9A**  
  First Year Calculus
- **ENGL 1A**  
  English Composition
- **BSAD 20A**  
  Accounting Principles I
- **ENGR 91**  
  Intro to CS&E
- **ENGR 92**  
  Freshman Seminar

### Winter Quarter
- **MATH 9B**  
  First Year Calculus
- **ENGL 1B**  
  English Composition
- **CS 10**  
  C++ Programming
- **BSAD 20B**  
  Accounting Principles II

### Spring Quarter
- **MATH 9C**  
  First Year Calculus
- **ENGL 1C**  
  English Composition
- **CS 12**  
  C++ Programming II
- **ECON 2**  
  Intro to Macroeconomics

### Second Year
- **CS/MATH 11**  
  Finite Mathematics
- **CS 61**  
  Assembly Language Programming
- **BREADTH**  
  Humanities/Natural Sciences
- **BREADTH**  
  Biology

### Third Year
- **CS 14**  
  Data Structures
- **MATH 10A**  
  Multivariable Calculus
- **BREADTH**  
  Humanities/Natural Sciences
- **BREADTH**  
  Humanities/Natural Sciences

### Fourth Year
- **CS 141**  
  Algorithms
- **MATH 113**  
  Linear Algebra
- **BSAD 110**  
  Marketing Institutions
- **BREADTH**  
  Humanities/Natural Sciences

### Notes
- Technical Electives are courses in Computer Science and Business Administration which explore specific topics. A list of Technical Electives and Breadth Requirements may be found on the Office of Student Academic Affairs website: www.engr.ucr.edu/studentaffairs.
- *Optional, but recommended, courses*