# Suggested Course Plan for a UC Riverside Major in Electrical Engineering

(Catalog Year 2008)

## Fall Quarter
- **CHEM 001A/01LA**  
  General Chemistry  
- **EE 010**  
  Intro to Electrical Engineering  
- **ENGL 001A**  
  English Composition  
- **MATH 009A**  
  First Year Calculus

## Winter Quarter
- **ENGL 001B**  
  English Composition  
- **MATH 009B**  
  First Year Calculus  
- **PHYS 040A**  
  Physics (Mechanics)  
- **BREADTH**  
  Humanities/Social Sciences

## Spring Quarter
- **ENGL 001C or 01SC**  
  English Composition  
- **MATH 009C**  
  First Year Calculus  
- **PHYS 040B**  
  Physics (Heat/Waves/Sound)  
- **BREADTH**  
  Humanities/Social Sciences

## Second Year
- **EE 001A/01LA**  
  Engineering Circuit Analysis  
- **MATH 046**  
  Differential Equations  
- **PHYS 040C**  
  Physics (Electricity/Magnetism)  
- **BREADTH**  
  Humanities/Social Sciences

## Third Year
- **EE 100A**  
  Electronic Circuits  
- **EE 110A**  
  Signals & Systems  
- **EE/CS 120A**  
  Logic Design  
- **BREADTH**  
  Humanities/Social Sciences

## Fourth Year
- **EE 115**  
  Analog Communications  
- **EE 141**  
  Digital Signal Processing  
- **TECHNICAL ELECTIVE**  
  **See Catalog List**  
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## Notes
- Humanities/Social 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: [www.engr.ucr.edu/studentaffairs](http://www.engr.ucr.edu/studentaffairs).
- *Optional, but recommended.
- **Technical Electives are courses in Electrical Engineering which explore specific topics. A list of Technical Electives is available on the College of Engineering Student Academic Affairs website: [www.engr.ucr.edu/studentaffairs](http://www.engr.ucr.edu/studentaffairs), and the UCR College Catalog website: [www.catalog.ucr.edu/](http://www.catalog.ucr.edu/).