### Fall Quarter

- **Math 9A**  
  *First Year Calculus*
- **Chem 1A/1LA**  
  *General Chemistry*
- **Engl 1A**  
  *English Composition*
- **Cee 11**  
  *Intro to Bioengineering*

### Winter Quarter

- **Math 9B**  
  *First Year Calculus*
- **Chem 1B/1LB**  
  *General Chemistry*
- **Engr 1B**  
  *English Composition*
- **Biol 5A/5LA**  
  *Cell Biology*
- **Me 1c**  
  *Intro to Me Matlab*

### Spring Quarter

- **Math 9C**  
  *First Year Calculus*
- **Chem 1C/1LC**  
  *General Chemistry*
- **Engr 1C**  
  *English Composition*
- **Biol 5B**  
  *Organismal Biology*

### Second Year

- **Biology 5c**  
  *Evolution and Ecology*
- **Chem 112A**  
  *Organic Chemistry*
- **Phys 40A**  
  *Physics (Mechanics)*
- **Breadth**  
  *Humanities/Social Sciences*

### Third Year

- **Bch 100**  
  *Biochemistry*
- **Bie 110**  
  *Biomechanics of the Human Body*
- **Math 10b**  
  *Multivariable Calculus Engineering*
- **Breadth**  
  *Humanities/Social Sciences*

### Fourth Year

- **Bie 130L**  
  *Bioinstrumentation Lab*
- **Bie 135**  
  *Biophysics & Biothermodynamics*
- **Bie 140B**  
  *Biomaterials*
- **Stat 105**  
  *Stats for Biomedical Science*

### Notes

Humanities/Social Sciences/Biological Science courses fulfill the breadth requirements specific to the College of Engineering. Technical Electives are courses in Bioengineering, or related fields, which explore certain topics. A list of Technical Electives and Breadth Requirements is available on the College of Engineering Student Academic Affairs Office website: [www.engr.ucr.edu/studentaffairs](http://www.engr.ucr.edu/studentaffairs). *Optional, but recommended, courses.