Bachelor of Science in Biomedical Engineering (Standard Option-B108)  
Summer 2016-Spring 2017-Total Credit Hours: 132

FRESHMAN  
Fall (16 hours)  
- MATH 1914  
  Diff & Integral Calculus I
- ENGR 1411  
  Freshman Engineering Experience
- CHEM 1315  
  General Chemistry (Core II)
- HIST 1483 US  
  Hist 1492-1865
- ENGL 1113  
  Prin. Of English Composition (Core I)
- BIO 5514  
  Gen. Physics for Engr & Science (Core II)
- CHEM 3152  
  Org. Chem Lab
- BIOL 1114  
  Intro. Zoology (Core II)
- BIOL 1121  
  Intro. Zoology Lab

Spring (16 hours)  
- MATH 2924  
  Diff & Integral Calculus II
- CHEM 1415  
  General Chemistry (Core II)
- ENGL 1213  
  Expo 1213
- PHYS 2514  
  Gen. Physics for Engr & Science (Core II)
- PHYS 2524  
  Gen. Physics for Engr & Science
- CHEM 3053  
  Organic Chem I (may be concurrent)
- CS 1313  
  Programming for Non-Majors

SOPHOMORE  
Fall (18 hours)  
- MATH 2934  
  Diff & Integral Calculus III
- PHYS 2524  
  Gen. Physics for Engr & Science
- CHEM 3153  
  Organic Chem I
- ENGR 2002  
  Engr. Prof. Dev
- ENGR 3333  
  Biomedical Eng. Fundamentals B minimum in all starred courses
- BME 2433  
  Circuits and Systems for Biomedical Engr
- BIOL 1114  
  Intro. Zoology Lab

Spring (17 hours)  
- MATH 3113  
  Intro to Ord Diff Equations
- ENGR 3153  
  Programming for Non-Majors
- CHEM 3653  
  Introduction to Biochemistry
- CS 1313  
  Programming for Non-Majors
- BME 2433  
  Circuits and Systems for Biomedical Engr

JUNIOR  
Fall (16 hours)  
- BME 3722  
  Numerical Methods in Biomedical Engr
- CS 1313  
  Programming for Non-Majors
- CHEM 3653  
  Introduction to Biochemistry
- BME 2433  
  Circuits and Systems for Biomedical Engr
- BME 3133  
  Biomedical Microelectromechanical Systems (Core III) 1

Spring (16 hours)  
- BME 3823  
  Quantitative Physiology
- CS 1313  
  Programming for Non-Majors
- CHEM 3653  
  Introduction to Biochemistry
- BME 2433  
  Circuits and Systems for Biomedical Engr

SENIOR  
Fall (18 hours)  
- BME 4713  
  Biomedical Engr Design I (Senior Standing)
- CS 1313  
  Programming for Non-Majors
- CHEM 3653  
  Introduction to Biochemistry
- BME 2433  
  Circuits and Systems for Biomedical Engr
- BME 3133  
  Biomedical Microelectromechanical Systems (Core III) 1

Spring (15 hours)  
- BME 4823  
  Biomedical Engr Design II (Capstone)
- CS 1313  
  Programming for Non-Majors
- CHEM 3653  
  Introduction to Biochemistry
- BME 2433  
  Circuits and Systems for Biomedical Engr
- BME 3133  
  Biomedical Microelectromechanical Systems (Core III) 1

Note: Refer to check sheet for Core Area Course and Lab prerequisites. Shaded courses only offered once a year. Minimum "C" required for each course in the curriculum (BME2333 requires B minimum in all starred courses)

PREMED students contact 405.325.2457 in Freshman year. In addition to courses above, complete: CHEM3153, PHYS1311 & 1321, PSY & SOC, Cell or Molecular Biology, & Genetics. MCAT in April of Jr. year. This flowchart is not an official document. Please use as a supplemental visual guide to use in conjunction with the official University of Oklahoma degree check sheet http://checksheets.ou.edu/engrindx.htm