I) Communications (13 credits)
   ______ Engl 150 (3) and ______ Engl 250 (3)
   ______ Sp Com 212 (3)
   ______ Engl 302 (3) or Engl 309 (3) or Engl 314 (3) or Engl 312 (3)
   ______ Lib 160 (1)

II) Mathematical Sciences (11-12 credits)
    ______ Stat 101 (4) or ______ Stat 104 (3)

Basic Mathematics
   2 semesters with at least one semester of calculus
   Suggested options:
     ______ Math 143X (4) Pre-Calc or Math 145X (3) Trig &
       Math 160(4) Surv Calc
     ______ Math 165(4) & Math 166 (4) Calc I & II
     ______ Math 181(4) & Math 182 (4) Differential
     Equations for Life Sciences
     ______ Math 165 (4) & Stat 301 (4)

III) Physical Sciences (28-31 credits)

General Chemistry (8 credits)
    ______ Chem 177(4), 177L(1), and Chem 178(3)

Physics (10 Credits)
    ______ Phys 111 (5) and Phys 112 (5) General

Organic Chemistry (7 credits)
    ______ Chem 331 (3), 331L (1), and 332 (3)

Biochemistry Choose 1 of the following (3-6 credits)
    ______ BBMB 404 (3) and BBMB 405 (3)
    ______ BBMB 301 (3)

IV) Personal Development, Human Relations,
    and Global Awareness (Total of 15 credits)
    ______ Three credits in humanities
    ______ Three credits in social sciences
    ______ Three credits in ethics (See list)
    ______ Three credits in international diversity (See list)
    ______ Three credits in US diversity (See list)

V) Biological Sciences (15 credits)
    ______ Biol 211 (3) and Biol 211L (1)
    ______ Biol 212 (3) and Biol 212L (1)
    ______ Biol 313 (3) and Biol 313L (1)
    ______ Biol 314 (3)

VI) Microbiology (Total of 31 credits)^X

Core Microbiology Courses (16 credits)
    ______ F MICRO 110 (1) Orientation
    ______ F/S MICRO 302 (3) Biology of Micro
    ______ F MICRO 310 (3) Medical Microbiology
    ______ S MICRO 320 (4) Molecular and Cellular Bact.
    ______ S* MICRO 430 (3) Micro Diversity & Ecology
    ______ or S* MICRO 477 (3) Bact-Plant Interactions or
    ______ F Micro 456 (3) Mycology
    ______ S MICRO 450 (2) Senior Seminar
    ______ F MICRO 451 (R) Senior Seminar

Core Laboratory Courses (6 Credits)
    ______ F/S MICRO 302L (1) General Micro Lab
    ______ F MICRO 310L (1) Medical Micro Lab
    ______ F/S MICRO 440 (4) Microbial Genetics &
      Physiology & Diversity & Ecology Lab

Microbiology Electives – (9 credits required) with
no more than 3 credits from laboratory courses

Common Clinical Electives
    ______ S MICRO 353 (3) Intro Parasitology
    ______ S MICRO 374 (3) Insects & Our Health
    ______ F MICRO 408 (3) Virology
    ______ S MICRO 475 (3) Immunology
    ______ S MICRO 475L (1) Immunology Lab
    ______ F Ent 478 (3) Global Protozoology
    ______ F MICRO 586 (3) Medical Bacteriology

Common Environmental Electives
    ______ F* MICRO 410 (3) Insect-Virus Interactions
    ______ S* MICRO 430 (3) Micro Diversity & Ecology
    ______ F MICRO 456 (3) Mycology
    ______ S MICRO 477 (3) Bacteria-Plant interactions
    ______ F MICRO 485 (3) Soil Micro Ecology
    ______ F MICRO 487 (3) Microbial Ecology

Common Physiology/Genetics Electives
    ______ F* MICRO 402 (3) Microbial Genetics
    ______ S* BBMB 403 (3) Microbial Physiology
    ______ F* MICRO 410 (3) Insect-Virus Interactions
    ______ S* MICRO 430 (3) Micro Diversity & Ecology

Common Food Microbiology Electives
    ______ S MICRO 407 (3) Micro Food Safety
    ______ S* MICRO 419 (3) Foodborne Hazards
    ______ F MICRO 420 (3) Food Microbiology
    ______ F MICRO 421 (3) Food Microbiology Lab
    ______ F/S/SS MICRO 490 (1-3) Independent Study

Other courses upon written request & review by the
Undergrad Micro Supervisory Committee.

^X F=offered fall semester, S=offered spring semester,
  F*/S* = offered alternate fall or spring

VII) Electives (8-16 credits) Courses to obtain 128
      total credit hours
      • Minor in Food Safety
      • Minor in Emerging Global Diseases