Biology

Major

a. Mathematics:
   a. Mathematics 408C, 408R, or 408N and 408S. Students who intend to take additional calculus coursework should begin the sequence with Mathematics 408C or 408N.
   b. Statistics and Data Sciences 320E.

b. Primary science:
   b. Complete one of the following:
      1. Ecology, evolution, and biodiversity (4 courses total):
         • One course from the following list: Biology 364, 448L, 463L, 340L, 369F, 453L, 455L, 325L.
      2. Organismal biology and physiology (4 courses total):
         • One course from the following list: Biology 446L, 478L, 340L, 369F, 453L, 448L, 371L, 377.
      3. Genetics, genomics, and computational biology (4 courses total):
         • Three courses from the following list: Biology 325T, 350, 356E, 327G, 337 (Topic 13: Advanced Genetics), 366, 366R, 325L, 321G, 377; Statistics and Data Sciences 322E; Marine Science 354E.
         • One course from the following list: Biology 325L, 321G, 377.
      4. Molecular, cell, and developmental biology (4 courses total):
         • Biology 350
         • One course from the following list: Biology 349L, 320L, 331L, 226L, 230L, 260L, 361L, 377.

c. Secondary science:
   i. Chemistry 301 or 301C, 302 or 302C; and 204 or 104M and 104N
   ii. Complete one of the following:
      1. Physics 302K and 105M (recommended)
      2. Physics 317K and 105M
      3. Physics 303K and 105M
      4. Physics 301 and 101L