1. BIOLOGY (39 hours)
   A. Core Requirements (these provide 18 hours of the total of 39 hours required for the major):
      BIOL 1403* Biology I (Fall only)
      BIOL 1404* Biology II (Spring only) (Pre-req: BIOL 1403)
      BIOL 3416 Genetics (Fall & Spring) (Pre-req: BIOL 1403)
      BIOL 3309 Principles of Ecology (Fall & Spring) (Pre-req: BIOL 1404)
      BIOL 4305* Organic Evolution (Fall & Spring) (Pre-req: BIOL 3416)

   B. Group Requirements

   Group I - At least one course from the following:
      BOT 3401* Plant Physiology
      MBIO 3401 Principles of Microbiology
      ZOOL 4409* Comparative Animal Physiology
      BIOL 3320 and 3120 Cell Biology and Lab

   Group II - At least one course from the following:
      BOT 3404* Evolution and Classification of Plants
      ZOOL 3406 Comparative Invertebrate Zoology
      ZOOL 4407 Natural History of Vertebrates

   Group III – At least three courses from Group III and Group IV, you must include at least one course from each group.
      BIOL 3307* Population Biology
      BIOL 4301 Special Topics
      MBIO 4401 Microbial Ecology
      ZOOL 4321* Insect Diversity

   Group IV
      BIOL 4330 Landscape Ecology
      ZOOL 3406 Comparative Invertebrate Zoology
      BIOL 4310 Community Ecology
      ZOOL 4406 Intro to Mammalogy
      BOT 3404* Plant Physiology
      ZOOL 4408 General Ornithology
      ZOOL 3403 Parasitology
      ZOOL 4312 Animal Behavior
      ZOOL 4410* Intro to Ichthyology
      ZOOL 4407 Natural History of Vertebrates

   Group V - One additional course from Groups I – IV.

   * designates Writing Intensive -- at least 6 hours must be taken in the major at TTU -- cannot be transferred. A number of other JR/SR level courses not listed above also provide Writing Intensive credit.

2. CHEMISTRY (16 hours)
   CHEM 1307 Principles of Chemistry I (Pre-req: CHEM 1301 or Passing score on Chem. Placement Exam)
   CHEM 1107 Principles of Chemistry Lab I
   CHEM 1308 Principles of Chemistry II
   CHEM 1108 Principles of Chemistry Lab II
   CHEM 3305 Organic Chemistry I
   CHEM 3105 Organic Chemistry Lab I
   CHEM 3306 Organic Chemistry II
   CHEM 3106 Organic Chemistry Lab II

3. PHYSICS (8 hours)
   PHYS 1403 General Physics I (Pre-requisite MATH 1321 or 1550 or other trig-based math)
   PHYS 1404 General Physics II

4. MATHEMATICS (3 hours)
   MATH 1351 (Calculus) or MATH 2300 (Statistics)

Choosing a Minor: Every student in the College of Arts & Sciences (this includes all Biological Sciences majors) must have a minor.

NOTE: All grades in the major, minor, and adjunct requirements must be a "C" or higher.