

TCU Biology - Undergraduate

BS – 36 hrs, BA – 27 hrs of Biology coursework

Fall Semester

Spring Semester

Elective Courses (blue)

50000

30000 & 40000 level

Biochemistry (EO)– 3 hrs
 Ecology of Fishes (O) – 3 hrs
 Ecology of Lakes & Streams (E) – 3 hrs
 Evolution(E) – 3 hrs
 Terrestrial Ecosystems (O) – 3 hrs

Basic Biochemistry (EO) – 3 hrs
 Biol Research & Writing (EO) – 1-3 hrs
 Comp Vertebrate Anat (EO) – 4 hrs
 Developmental Biology (EO) – 3 hrs
 Economic Botany (O) – 3 hrs
 Genetics (EO) – 3 hrs
 Honors Seminar (EO) – 1 hr
 Immunology (EO) – 3 hrs
 Mol Biol Eukaryotes (EO) – 3 hrs (WEM)
 Plant Biology (E) – 3 hrs
 Senior Honors Res (EO) – 1-3 hrs
 Senior Problems (EO) – 1-3 hrs

Biostatistics (EO) – 3 hrs
 Tropical Biology (E)– 3 hrs (WEM)

Basic Biochemistry (EO) – 3 hrs
 Biogeography (O) – 3 hrs
 Biol Research & Writing (EO) – 1-3 hrs
 Conservation Genetics (O) – 3 hrs
 Environmental Biol (E) – 3 hrs (WEM)
 Genetics Lab (EO) – 3 hrs (WEM)
 Histology (EO) – 3 hrs
 Honors Seminar (EO) – 1 hr
 Mammalian Physiology (EO) – 3 hrs
 Microbiology (EO) – 3 hrs
 Ornithology (E) – 3 hrs
 Plant Systematics (E) – 3 hrs
 Senior Honors Res (EO) – 1-3 hrs
 Senior Problems(EO) – 1-3 hrs
 Virology (EO) – 3 hrs

Elective course taken during Junior and Senior years (E&O=Even and Odd Years)

Required Courses (yellow)

Intro Biol Research (EO) – 1 hr seminar

Ecology & Environment (EO) – 3 hrs

Intro Biol I (EO) – 4 hrs

Junior Year

Cellular, Molecular (EO) – 3 hrs

Sophomore Year

Intro Biol II (EO) – 4 hrs

Freshman Year