

**Bachelor of Science Degree in Biology, 3+3 Doctor of Chiropractic Track with Logan
University**

Recommended Courses:

BIO 1013 Introduction to Biology (majors section)

BIO 1021 Introduction to Biology Laboratory

CHM 1034, 1044 General Chemistry and Organic and Biochemistry (for non-majors)

Required courses (28 hrs):

BIO 2104 General Botany

BIO 2114 General Zoology

BIO 3544, 3554 Human Anatomy and Physiology I and II

BIO 3054 Genetics

BIO 3524 General Ecology

BIO 3314 Animal Physiology OR BIO 3084 Comparative Anatomy and Evolution of Vertebrates

Additional science and mathematics requirements (26-27 hrs):

CHM 1014, 1024 University Chemistry I and II

CHM 3063, 3051 Organic Chemistry I and lab

MTH 1243, STA 2054 or STA 2323 College Algebra AND Applied Biostatistics OR Statistical Methods or more advanced courses, with approval.

PHY 2034, 2044 General Physics I and II

**Total hours required for a major in biology, 3 + 3 Doctor of Chiropractic track with Logan
University (54-55 hrs):**

Biology Courses: 28 hours

Physical Science and Mathematics Courses: 26-27 hours

*Note: The remaining credit hours required to receive the B. S. in Biology from Henderson State University will be completed during the first year at Logan University (see below).

A minor is required, along with completion of the 45 hour Liberal Arts Core (LAC), for the B. S. in Biology, Doctor of Chiropractic Track. Completion of the minor and LAC must occur at HSU during the first three years, prior to fulfillment of the articulation agreement at Logan University.

Students must have a "C" grade or better in all courses in the major field and also in the courses listed as "additional requirements."

The biology department highly recommends that students achieve competence in the use of computers for word processing, graph and spreadsheet construction, and PowerPoint presentations before enrolling in upper-level courses. Students should consider enrolling in Introduction to Computers (CSC 2003) if their background in computer use is weak.

*Biology courses that will be taken during the first year at Logan University (under the trimester system):

Trimester I:

ANAT 10101 Anatomy I Lecture, 3 credit hours

ANAT 10102 Histology Lecture, 2 credit hours

ANAT1L101 Anatomy 1 Lab, 2 credit hours

FANT10101 Functional Anatomy, 3 credit hours

PYSO10101 Cell Biology, 2 credit hours

Trimester II:

ANAT10202 Anatomy II Lecture, 3 credit hours

ANAT1L202 Anatomy Lab, 1.5 credit hours

BCHM10201 Biochemistry I, 3 credit hours

PSYO10202 Physiology I, 4 credit hours

MICR10201 Microbiology I, 3 credit hours

NEUR10201 Neuroanatomy I, 3.5 credit hours

Trimester three:

ANAT10303 Anatomy III Lecture, 3 credit hours

ANAT1L303 Anatomy III Lab, 1.5 credit hours

NEUR10302 Neuroanatomy II, 3 credit hours

PATH10301 Pathology I, 4 credit hours

PYSO10303 Physiology II, 6 credit hours

MICR10302 Microbiology II, 4 credit hours

BCHM10302 Biochemistry II, 4 credit hours