

Advisor: Dr. Judd Case, Dr. Krisztian Magori

Chiropractors, also known as doctors of chiropractic or chiropractic physicians, focus on the relationships among the skeleton, muscles, and nerves and the patient's health. Chiropractors believe that health can be improved and preserved by making adjustments to these structures, particularly to the spinal column. They do not prescribe drugs or perform surgical procedures, but rather they emphasize holistic health care. When appropriate, chiropractors consult with and refer patients to other health practitioners.

Most colleges of chiropractic require at least three years of college coursework prior to admission. This coursework usually must include biology, chemistry, physics, and psychology, as well as other subjects. Chiropractic education itself requires four years of study. For more information see <http://www.chirocolleges.org> and [http://www.acatoday.org/level2\\_css.cfm?T1ID=33&T2ID=203](http://www.acatoday.org/level2_css.cfm?T1ID=33&T2ID=203).

**Required Biology Core Courses: 25 credits**

BIOL 171 Biology I	(5)
BIOL 172 Biology II	(5)
BIOL 173 Biology III	(5)
BIOL 270 Biological Investigation	(3)
BIOL 310 Fundamentals of Genetics	(5)
BIOL 490 Department Senior Capstone	(5)

**Select one of the following courses: 5 credits**

BIOL 301 Microbiology	(5)
BIOL 302 Botany	(5)
BIOL 303 Invertebrate Zoology	(5)
BIOL 304 Vertebrate Zoology	(5)

**Select one of the following courses: 4-5 credits**

BIOL 423 Evolution	(5)
BIOL 440 Ecology	(4)

**Select one of the following courses: 5 credits**

<b>BIOL 436 Cell Biology - Recommended</b>	(5)
BIOL 438 Molecular Biology	(5)

**Select one of the following courses (4-5 credits)**

<b>BIOL 334 Human Anatomy &amp; Physiology III for Biology Majors – Recommended</b>	(5)
BIOL 351 Principles of Animal Physiology	(4)
BIOL 352 Principles of Plant Physiology	(4)
BIOL 353 Principles of Microbial Physiology	(4)

**Required Supporting Courses: 20 credits**

CHEM 171 General Chemistry	(4)
CHEM 171L General Chemistry Lab	(1)
CHEM 172 General Chemistry	(4)
CHEM 172L General Chemistry Lab	(1)
CHEM 173 General Chemistry	(4)
CHEM 173L General Chemistry	(1)
MATH 161 Calculus I <i>or</i>	
MATH 380 Elementary Probability and Statistics <i>or</i>	
BIOL 380 Data Analysis for Biologists	(5)

**ELECTIVE COURSES: 36 credits (21 must be Biology)**

The following are recommended electives. Most chiropractic colleges require organic chemistry as well as a year of physics. However only a total of 15 credits of non-biology courses may be counted toward the EWU biology elective requirement, and the full 15 credits of physics must be taken in order for it to count. Other elective courses may be approved by your advisor.

<b>BIOL 332 Human Anatomy &amp; Physiology I for Biology Majors – Recommended</b>	(5)
<b>BIOL 333 Human Anatomy &amp; Physiology II for Biology Majors – Recommended</b>	(5)
BIOL 343 Biology of Aging	(3)
BIOL 420 Epidemiology	(5)
BIOL 430 Immunology	(5)
BIOL 476 Muscle Physiology	(5)
BIOL 477 Embryology	(5)
BIOL 496 Neurobiology	(5)
CHEM 351 Organic Chemistry	(4)
CHEM 352 Organic Chemistry	(4)
CHEM 372 Organic Chemistry Laboratory	(3)
PHYS 131 Introductory Physics I	(4)
PHYS 132 Introductory Physics II	(4)
PHYS 133 Introductory Physics III	(4)
PHYS 161 Mechanics Laboratory	(1)
PHYS 162 Heat and Optics Laboratory	(1)
PHYS 163 Instrumentation Lab	(1)

**Biology ETS Field Exam required for graduation.**

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