

PRE-CHIROPRACTIC, ASSOCIATE OF SCIENCE (430)

About Our Program

This program is intended to provide the first two years of a four-year baccalaureate program. Study in this major provides a foundation for a career as a chiropractic physician through study in humanities, math, and sciences.

Nature of Work and Employment

Chiropractors, also known as doctors of chiropractic or chiropractic physicians, diagnose and treat patients whose health problems are associated with the body's muscular, nervous, and skeletal systems, especially the spine. Many chiropractors are solo or group practitioners who also have the administrative responsibilities of running a practice. In larger offices, chiropractors delegate these tasks to office managers and chiropractic assistants. Chiropractors in private practice are responsible for developing a patient base, hiring employees, and keeping records.

Special Considerations

Those interested in the field of chiropractic should have an aptitude for science and good interpersonal skills. Students must be prepared for further educational training at the professional level beyond the baccalaureate degree. The listed coursework is a recommendation only. Students should check with a student advisor for HCC graduation requirements and specific university requirements in this major. Students must meet with an advisor to ensure that the special requirements of the department and institution to which they plan to transfer are met. Colleges and universities have specific requirements for transfer students.

Regional Institutions

- National University of Health Sciences - Illinois (Lombard, IL)
- Palmer College of Chiropractic - Davenport (Davenport, IA)

Requirements

Associate of Science Requirements

Students must meet all requirements for the Associate of Science degree (<https://catalog.highland.edu/programs-available/as-requirements/>) in order to graduate from Highland Community College. For more information, please see your advisor.

Recommended Courses

The following are recommended courses for this major only.

Biology

Code	Title	Hours
BIOL 208	Biology I: Cell & Molecular ¹	4
BIOL 209	Biology II: Biodiversity/Evolu ¹	4

BIOL 211	General Microbiology ¹	4-8
or BIOL 213 & BIOL 214	Anatomy and Physiology I and Anatomy and Physiology II	

Chemistry

Code	Title	Hours
CHEM 123	General College Chemistry I ¹	5
CHEM 124	General College Chemistry II ¹	5
CHEM 221	Organic Chemistry I ¹	5
CHEM 222	Organic Chemistry II ¹	5

Mathematics

Code	Title	Hours
MATH 250	Analytic Geometry/Calculus I ¹	5
MATH 255	Analytic Geometry/Calculus II ¹	5

Physics

Code	Title	Hours
Select one of the following:		8
PHYS 141 & PHYS 142	Introductory Physics I and Introductory Physics II ¹	
PHYS 143 & PHYS 144	General Physics I and General Physics II ¹	

¹ Course has a prerequisite. See course description.

Program Outcomes

- Students should be able to understand and employ aspects of scientific methodologies.
- Students should practice proper lab technique in compliance with relevant safety standards.
- Students should understand the fundamental uncertainties in experimental measurements inherent in different laboratory techniques and instrumentation.
- Students should be able to analyze data sets and communicate information in a clear and organized manner with presentations and properly cited written reports.
- Students should utilize peer-reviewed scientific literature effectively.
- Students should be able to work with peers in a team setting.
- Students should be able to relate contemporary societal and global issues to the physical and life sciences.

Program Contacts

Call Highland at 815-235-6121 for the following program contacts:

- Dr. Brendan Dutmer, Dean, Natural Science and Mathematics
- Beth Groshans, Student Advisor