

**Chiropractic Medicine / Naturopathic Medicine  
Suggested Course Outline**

**JOHN CARROLL UNIVERSITY**  
Cleveland, OH

FIELD OF STUDY	CREDIT HOURS	SUGGESTED COURSES
English	6 semester hours	<i>EN 111 Composition and Rhetoric I</i> <i>EN 112 Composition and Rhetoric II</i> Other English, communications, literature, or writing courses.
Biology	2 courses	<i>BL 155 Principles of Biology I</i> <i>BL 157 Principles of Biology Laboratory I</i> <i>BL 156 Principles of Biology II</i> <i>BL 158 Principles of Biology Laboratory II</i> Other Biology courses including anatomy & physiology, botany, cell biology, genetics, microbiology, neurobiology, zoology.
Chemistry General or Inorganic	2 courses	<i>CH 141 General Chemistry I</i> <i>CH 143 General Chemistry Laboratory I</i> <i>CH 142 General Chemistry II</i> <i>CH 144 General Chemistry Laboratory II</i>
Chemistry Organic or Biochemistry	2 courses	<i>CH 221 Organic Chemistry I</i> <i>CH 223 Organic Chemistry Laboratory I</i> <i>CH 222 Organic Chemistry II</i> <i>CH 224 Organic Chemistry Laboratory II</i>
Physics	2 courses	<i>PH 125 General Physics I</i> <i>PH 125L General Physics Laboratory I</i> <i>PH 126 General Physics II</i> <i>PH 126L General Physics Laboratory II</i> Statistics, exercise physiology, biomechanics, or kinesiology may be accepted for <i>one</i> Physics course.
Psychology	3 semester hours	<i>PSY 101 Introduction to Psychology</i> Other Psychology courses including abnormal, child, community, developmental, experimental, educational, perceptual.
Social Science/Humanities	15 semester hours	Social Science/Humanities courses including those in economics, education, history, political science, psychology, anthropology, art/drama/music/film history or appreciation, languages, literature, english, logic, philosophy, and religion.

Science prerequisites are listed as guidelines only, and may vary. Students should contact the Office of Admissions to determine the exact science coursework required. All non-science credit hour requirements are as listed.

Each course must transfer at the baccalaureate level with a minimum 2.0 on a 4.0 scale. Students must have earned a baccalaureate degree with a minimum GPA of 3.00 on a 4.0 scale. However, those students with a cumulative GPA between 2.75-2.99 may be considered for admissions under an Alternative Admissions Track (AATP). Please refer to the National University of Health Sciences Bulletin for additional admission requirements.

Suggested courses obtained from John Carroll University 2018 catalog. This document is intended to assist with academic planning and does not constitute a contract. It is the responsibility of the student to keep abreast of changes in course offerings and program requirements.

**National University of Health Sciences**  
200 East Roosevelt Road  
Lombard, IL 60148  
800-826-6285