

Naturopathic Prerequisites

Southwest College

Academic Prerequisite Course Work:

- 12 semester credits in **Biology** with lab (course must be at science major level)
- 8 semester credits in **Chemistry** with lab (course must be at science major level)
- 4 semester credits in **Organic Chemistry** (w/lab)
- One college level course in **Physics** is required. Course must be algebra based, lab is optional. It is highly recommended that course content include mechanics, vectors, electricity, thermal physics, and fluid statics and dynamics.
- 6 semester credits in **Psychology** (Developmental Psychology is recommended.)
- 6 semester credits in **English** (3 credits must be in English Composition.)
- 6 semester credits in **Humanities** (Philosophy, religious studies, fine arts, history, foreign languages, women's studies, performing arts).

Bastyr University

Coursework

- **College-level algebra or precalculus:** 1 course
- **Chemistry** (science-major level): at least 4 courses. Must include a minimum of 2 sequential courses in organic chemistry. (The standard prerequisite for science-major level organic chemistry is one year of general chemistry.) Appropriate lab work required.
- **General Biology** (science-major level): 2 semesters or 3 quarters. Must cover concepts in cellular biology and genetics. Appropriate lab work required. Individual courses in the biological sciences may count if the above competencies are met, i.e., zoology, microbiology, botany.
- **Physics:** at least 1 college-level course. Many institutions do not cover all required concepts in one course; required concepts include mechanics, optics, electricity and magnetism. Course may be algebra-based, and lab is not required.
- **Psychology:** 1 course. Introduction to psychology is recommended.
- **English:** 2 courses. Composition courses are recommended.
- **Humanities:** 2 courses.

Strongly Recommended Courses

Though not required for admission, faculty recommend students complete biochemistry, anatomy and physiology, and botany course work in addition to the prerequisite requirements. These courses will substantially enhance the student's ability to master the naturopathic course material.

Other Suggested Courses

Biomedical ethics, philosophy of science, public speaking and English composition.

Credit Requirements

Candidate must have completed at least 90 semester/135 quarter credits upon matriculation. At least 30 semester credits/45 quarter credits must be upper-division (i.e. junior or senior level courses, usually numbered 300-400, at a four-year institution).

Boucher Institute

- **Biology** -1 full-year (6 credit hours) - May be fulfilled by one year of general biology or one semester of cell biology plus one semester of an appropriate biology, such as botany, genetics, zoology, anatomy, microbiology, etc.
- **Psychology** - 0.5 full-year (3 credit hours)
- **English / Humanities** -1 full-year (6 credit hours) - Must include an essay component. (Note: applicants may be required to write a short essay at the time of interview.)
- **General Chemistry** -1 full-year (6 credit hours)
- **Organic Chemistry** - 0.5 full-year (3 credit hours)
- **Biochemistry** - 0.5 full-year (3 credit hours)

In addition, prospective students would benefit by completing additional courses in some or all of the following areas:

- Anatomy
- Human Physiology
- Microbiology
- Genetics
- Sociology
- Statistics
- Cell Biology

Canadian College

Required Courses	Semester Hours	Credits
General Biology*	6 hours	1 (full credit)
Biochemistry	3 hours	0.5 (half credit)
General Chemistry**	6 hours	1 (full credit)
Organic Chemistry**	3 hours	0.5 (half credit)
Psychology	6 hours	1 (full credit)
Humanities***	6 hours	1 (full credit)

- *The biology requirement may be fulfilled by either a one-year general biology course or by combining two semesters of courses such as anatomy, botany, cell biology, genetics, microbiology, physiology or zoology.
- **A laboratory component is required with these courses.
- ***Humanities course work must include an essay writing component (such as: Sociology, Anthropology, Women's Studies, philosophy, English).

Recommendations:

- anatomy
- environmental science
- genetics
- human physiology
- microbiology
- physics
- sociology
- statistics

National College

- College Mathematics 1 course
Algebra, calculus, or math-based statistics
 - General Chemistry with lab (science-major level) .. 2 courses
 - Organic Chemistry (science-major level) 2 courses
Must include carbonyl compounds
- Or**
- Organic Chemistry and biochemistry (science-major level).....1 course each
Must include carbonyl compounds
 - General Biology with lab (science-major level) 2 courses
Must cover concepts in cellular biology
 - Physics 1 course
Many institutions do not cover all required concepts in one course; required concepts include mechanics, electricity, and magnetism.
 - Social Science 2 courses
At least one course must be in human psychology.
 - Humanities 2 courses
At least one course must be English composition.

Strongly recommended courses

- Biochemistry or Cellular Biology
- Anatomy
- Physiology
- Genetics
- Botany
- Statistics
- Business and/or Marketing

Other suggested courses

- Biomedical Ethics
- Philosophy of Science
- Public Speaking
- Microbiology
- Immunology
- Public Health

Bridgeport University

<u>Course</u>	<u>Semester Hours</u>
Communication/Language Skills	6 semester hours
Psychology	3 semester hours
Social Science	3 semester hours
Humanities	3 semester hours
Electives (Social Science/Humanities)	9 semester hours
General Biology or Zoology or Anatomy and Physiology (with lab)	8 semester hours
General Chemistry (with lab)	8 semester hours
Organic Chemistry (with lab)	8 semester hours
General Physics (with lab)	4 semester hours

All biology or zoology or anatomy and physiology, chemistry and physics courses must:

- Consist of a first semester and second semester course in each subject;
- Be passed with a grade of "C" (2.00 on 4.00 scale) or better;
- Cumulative science quality point ratio must be 2.5 or better;

National University

- 6 semester hours of English language skills
- 3 semester hours of Psychology
- 15 semester hours of Social Sciences/Humanities
- 6 semester hours of Biological Sciences*
- 12 semester hours of Chemistry**
- 6 semester hours of Physics and related studies***

*The biological sciences requirement must be met with two or more courses of unduplicated content, and include pertinent related laboratory experiences that cover the range of material presented in the didactic portions of the courses.

**At least 3 semester hours of chemistry must be general or inorganic chemistry, and at least 6 hours of chemistry must be organic chemistry and/or biochemistry. At least 6 semester hours of the chemistry courses must include pertinent related laboratory experiences that cover the range of material presented in the didactic portion of the courses.

***This requirement may be met with either two unduplicated physics courses (of which one must include a pertinent related laboratory that covers the range of material presented in the didactic portion of the course), or 3 semester hours in physics (with laboratory) and 3 semester hours in biomechanics, kinesiology, statistics or exercise physiology.

Social Sciences and Humanities include, but are not limited to, most courses in economics, Education, History, Political Science, Psychology, Anthropology, Art/Drama/Music (History or Appreciation course only), Languages, Literature, English, Logic, Philosophy, and Religion. Please contact the Office of Admissions to check whether a particular course will satisfy the Social Science/Humanities prerequisite.