

Naturopathic Medicine (N.D.)

- **The course prerequisites for admission vary among N.D. programs.** We have provided a list of the most common prerequisites below. Verify school-specific prerequisites by visiting their websites.
- **AP/IB Credit:** Not all N.D. programs will accept AP or IB credit to meet program prerequisites. Thus, if you have AP or IB credit for any of the prerequisites, you may want to retake those courses in college.
- **Community college courses, online courses:** N.D. programs may accept community college coursework for certain prerequisites only. Check each school's website to check their policy. You should complete all 3000- and 4000-level prerequisites at a four-year institution. Before enrolling in an *online* prerequisite course, contact your schools of interest to determine if distance or online prerequisite coursework is accepted.
- **N.D. programs require a C or above (not C-) in all prerequisites.** However, if you earn below a B in any science prerequisite, we recommend repeating that course to master the material.
- **Prerequisite course "expiration dates":** Required chemistry and biology courses not taken within seven years of matriculation into the program are subject to review by the admissions committee. Additional coursework may be (but is not always) required.

MATH

Most N.D. programs require one semester of college mathematics, at the College Algebra level or higher.

Choose from the list below.

Necessary preparation for chemistry and physics:

- Precalculus: MATH 1150 (4)

(This course covers both algebra and trigonometry in a single semester.)

Highly recommended for all pre-ND students:

- One of the following statistics courses: PSYC 2111 (4), IPHY 2800 (4), IPHY 3280 (4), or MATH 2510 (3)

CHEMISTRY

Recommended but optional:

Introductory Chemistry

- CHEM 1021 (4 - lecture and lab are combined)



General Chemistry 1, with lab

Math prerequisite: College Algebra or Precalculus

- Lecture: CHEM 1113 (4)
- Lab: CHEM 1114 (1)



General Chemistry 2, with lab

- Lecture: CHEM 1133 (4)
- Lab: CHEM 1134 (1)



Organic Chemistry 1*, with lab

- Lecture: CHEM 3311 (4)
- Lab: CHEM 3321 (1)



One semester of Biochemistry

- BCHM 4611 (3)
- Prerequisite: 0 Chem 1 Lecture*

** Non-degree pre-health students can enroll early.*

PSYCHOLOGY

Choose **one**:

- General Psychology: PSYC 1001 (3)
- OR
- Developmental Psychology: PSYC 3684 (3)
- OR
- Abnormal Psychology: PSYC 3303 (3)

Biology Option 1*

General Biology 1, with lab

- Lecture: EBIO 1210 (3)
- Lab: EBIO 1230 (1)



General Biology 2, with lab

- Lecture: EBIO 1220 (3)
- Lab: EBIO 1240 (1)

Biology Option 2

Intro to Cellular and Molecular Bio lecture

- MCDB 1150 (3)



MCDB Genetics lecture

- MCDB 2150 (3)



2 credit hours of first-year biology labs:

Choose one:

- MCDB 1161 (2)
- MCDB 1171 (2)
- MCDB 1181 (2, Same as IPHY 1181)
- MCDB 2171 (2)

**Some N.D. programs require 3-4 additional credit hours of elective biology coursework. (See list of Strongly Recommended Courses on next page.)*

PHYSICS 1

We recommend algebra-based physics

Choose one:

- Algebra-Based Physics 1, with lab: PHYS 2010 (5)
Math prerequisite: either Algebra and Trigonometry -OR- Precalculus
- OR-
- Calculus-Based Physics: PHYS 1110 (4-lecture only)
Math corequisite: Calculus 1

WRITING and ENGLISH LITERATURE

*Most schools require a writing course.
Some also require an English Literature course*

- Any WRTG course (or a scientific writing course taught in EBIO or IPHY)
- Another ENGL or WRTG course (or scientific writing course)

HUMANITIES and SOCIAL SCIENCES

*Most programs require 3-6 credit hours of coursework
in the Humanities and Social Sciences*

- *Humanities: philosophy, religious studies, fine arts, history, foreign languages, gender studies, performing arts*
- *Social Sciences: anthropology, economics, psychology, sociology*
- Any Humanities course
- An additional Humanities or Social Science course

Additional Strongly Recommended Courses

Taking these courses as a pre-ND student will substantially enhance your ability to master the naturopathic course material.

HUMAN ANATOMY*

- Lecture: IPHY 3410 (3)
- Lab: IPHY 3415 (2)

GENETICS

Choose one:

- MCDB 2150 (3), or
- EBIO 2070 (4), or
- IPHY 4200 (3)

HUMAN PHYSIOLOGY*

Prerequisite: Human Anatomy lecture

- Lecture: IPHY 3430 (4)

MICROBIOLOGY

- Lecture: EBIO 3400 (3)
- Lab: EBIO 3410 (1)

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