

High School Science

Advanced Pre-Med Studies – 1 Credit

Recommended Grades: 10-12

Includes: *Building Blocks in Life Science; Genesis of Germs; Body by Design; The History of Medicine*
<http://www.nlpg.com/advanced-pre-med-studies-curriculum>

Alternative Names:

- Medical Science
- Life Science
- Genetics, Biology, and Life Science
- Foundations of Medical Science

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work. We highly recommend adding the Lab work to this course.

This is a challenging course. The student must have good reading comprehension and critical thinking skills. I would recommend this course for the student who loves the study of biology, medicine, and the human body. It is especially good for any high school student who is planning on a career in the medical field.

Optional Labs (Highly Recommended)

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

The History of Medicine

[BE-BACKIT](#) Bacteria Experiment Kit
[CM-HUMXRAY](#) True-to-Life Human X-Rays Set

Recommended Microscope Slides:

[MS-SETHPAT](#) Human Pathology Slide Set

Building Blocks in Life Science

[CM-DNAMOD](#) DNA Molecular Model Kit
[KT-ISDNAEX](#) DNA Extraction Kit
[LM-GROFROG](#) Grow-A-Frog Kit

Recommended Microscope Slides:

[MS-SETBIO](#) Biology Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set

The Genesis of Germs

Choose from:

[KT-BACSOAP](#) Bacteria Hand Washing Experiment Kit
[KT-MICLIFE](#) Microscopic Life Kit
[BE-BACKIT](#) Bacteria Experiment Kit

Recommended Microscope Slides:

[MS-SETWAT](#) Water Life Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set
(Also used for Life Science)

Body By Design

[CB-GRAYSCB](#) Gray’s Anatomy Coloring Book
[CM-DNAMOD](#) DNA Molecular Model Kit
(Also used for Life Science)
[KT-SWDNA](#) Science Wiz DNA Kit
[CM-VIMAN](#) Visible Man Model, 16"
[CM-TORSOSM](#) Human Body Model, Small

Recommended Microscope Slides:

[MS-SETANA](#) Anatomy Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set
(Also used for Life Science & Genesis of Germs)