

Science Course Options

Eureka High School, 2021-2022

Grade-level pathways - 9th and 10th

- ▶ 9th grade - If you are interested in the biological sciences (medical, vet, pharmaceutical fields) You would want to choose Honors Biology.

Biology or

Honors Biology

*****ALSO CHECK OUT THE PROJECT LEAD THE WAY COURSES!!

- ▶ 10th grade - Most students will take Chemistry or Honors Chemistry. Higher math skills are recommended for Honors Chemistry. Physical Science is for students who really struggle with math and science skills.

Chemistry or

Honors chemistry or

Physical Science

**** Other electives, such as Environmental Science, Human Anatomy & Physiology, AP Physics 1, and Science Research 1 are also options for sophomores!

Grade Level pathways - 11th and 12th

General Electives

- ▶ Applied Bio-Chemistry (ABC)
- ▶ Environmental Science
- ▶ GeoScience
- ▶ Human Anatomy and Physiology
- ▶ Qualitative Analysis and Organic Chemistry
- ▶ Science Research 1, 2, and 3
- ▶ Forensics (semester only)

AP Courses

- ▶ AP Biology
- ▶ AP Chemistry
- ▶ AP Environmental Science
- ▶ AP Physics 1
- ▶ AP Physics 2
- ▶ Advanced AP Physics

Remember that while 3 science credits are required to graduate, most Universities and Colleges will want to see 4! A well-rounded selection of Biology, Chemistry, and Physics is suggested!

Project Lead The Way!

Now Available as a science credit or a practical art credit, as well as College Credit!!!! Must be taken along with another science course.

- ▶ Principles of Biomedical science (PBS) (1st level)
- ▶ Human Body Systems (HBS) (2nd level)
- ▶ Medical Interventions (MI) (3rd level)
- ▶ Biomedical Innovations (BI) (4th level)

- ▶ [PLTW Biomedical Sciences Video!](#) A great way to get more information on the program
- ▶ [PLTW Brochure](#)

Science Research

- ▶ For those interested in starting the Science Research pathway, please contact Mrs. Mueller for more information! It's a wonderful program for those interested in doing research in the future and is part of the AP Program!
- ▶ muellerlindsey@rsdmo.org

Frequently Asked Questions

- ▶ Students may:
 - ▶ Move between grade-level and Honors courses from year to year. Honors Biology does not mean you have to take Honors Chemistry. If you do not take honors biology, you can still take honors chemistry!
 - ▶ Take multiple science courses at the same time! Same with multiple AP Science courses! We encourage it!
 - ▶ Contact stricklandmatthew@rsdmo.org for further questions or for more information