

# Jamie York Academy

## Main Lesson Offerings for High School

### Notes:

- The below does not include our math main lessons, which are all offered every year, and are integrated into the Math Academy.
- Except for math, most of our high school main lessons are offered on an every-other-year basis.
- **Courses in red will be offered in the upcoming 2025-26 school year**
- **Courses in green will be offered in the following school year (2026-27)**
- **Courses in blue will be offered in the 2027-28 school year.**

### Science Main Lessons

#### Biology

- *Anatomy & Physiology* – grades 9/10
- *Cells, Genetics, & Embryology* – grades 11/12
- *Hormones & Reproduction* – grades 9/10
- *Botany* – grades 10-12. (in-person option.)

#### Chemistry

- *Acids, Bases, & Salts* – grades 10/11
- *Organic Chemistry* – grades 9/10
- *Elements & Reactions* – grades 11/12

#### Physics and Astronomy

- *Thermal Physics* – grades 9/10
- *Optics* – grades 11/12
- *Astronomy* – grades 10-12 (in-person option.)
- *Mechanics* – grades 10/11
- *Electricity & Magnetism* – grades 11/12

#### College Prep Science (not main lessons)

- These 8-week courses are offered every year, meeting twice per week:
  - *College-Prep Chemistry*
  - *College-Prep Biology*

### Humanities Main Lessons

- *Literature* – grades 8/9
- *Revolutions* – grades 8/9
- *Civics* – grades 8/9
- *Ancient Civilizations* – grades 9/10
- *Transcendentalists* – grades 11/12
- *Parzival* – grades 11/12
- *World Geography* – grades 8/9
- *Literature* – grades 8/9
- *Comedy & Tragedy* – grades 9/10
- *Shakespeare* – grades 11/12
- *Modern Society* – grades 11/12

### History of Consciousness Courses. The first three of the below courses are offered on a three-year rotating basis.

- *Art of Poetry* – grades 10-12
- *History of Architecture* – grades 10-12
- *History of Music* – grades 10-12
- *History of Art* – grades 8/9. This course is taught every other year.

### Summer In-Person Main Lessons

- *Boat Building* – Summer 2025. In Hyderabad, India. Ages 15 and older.
- *Surveying* – Summer 2026. In Paonia, Colorado. Must have completed 9<sup>th</sup> grade.
- *Marine Biology & Oceanography* – Summer 2027. In Guatemala. Ages 15 and older.