

# SCIENCE CHART

Students must have three science credits for graduation.

- The first two credits must be from two different Foundation/Core areas. The third credit may be a Foundation/Core or an Applied, Advanced, or Foundation Course (AAF) (See below).
- For the third credit students may choose to take more than one course from a particular science discipline (i.e. AP Biology could count as the AAF Science if a student took Biology as one or of the two Foundation/Core credits). It is hoped, however, that students take courses that represent a diversity of science disciplines.

## FOUNDATION/CORE COURSES

| Earth Science      | Biology        | Physics    | Chemistry    | Computer Science               |
|--------------------|----------------|------------|--------------|--------------------------------|
| Earth Systems      | Biology        | Physics    | Chemistry    | Computer Programming           |
| Environ Science AP | AP Biology     | Physics H  | AP Chemistry | Computer Science AP            |
|                    | BIOL 1400/1405 | AP Physics |              | Computer Science Principles AP |

## Advanced, Applied or Foundation (AAF) Courses

Astronomy  
 Animal Science 1  
 Animal Science 2  
 Equine Science  
 Biotechnology Experience (JATC only)  
 Engineering Principles 1  
 Engineering Principles 2  
 Environmental Science  
 Environmental Science AP  
 BIOL 1400/1405 Environmental Science & Lab

Genetics  
 Marine Biology  
 Medical Anatomy & Physiology  
 Medical Forensics  
 Principles of Engineering (JATC only)  
 Robotics 1  
 Robotics 2  
 Veterinary Assistant 1 (JATC only)  
 Veterinary Assistant 2 (JATC only)  
 Zoology

## Bingham Science Course Flow Chart and Recommendations for Incoming 10<sup>th</sup> Graders

| 9 <sup>th</sup> Grade | 10 <sup>th</sup> Grade | 11 <sup>th</sup> Grade | 12 <sup>th</sup> Grade |
|-----------------------|------------------------|------------------------|------------------------|
| Earth Systems         | Biology                | Physics/Elective       | Chemistry/Elective     |
| Honors Biology        | Honors Physics         | Chemistry              | AP Course Elective     |
| Honors Biology        | Physics                | Chemistry              | AP Course Elective     |