

# What Science Classes Should I Take?

(last revised 3/12/2020)

| Diploma / Career /<br>Community College  | College<br>(non-science major)   | College<br>(science related major)   | International<br>Baccalaureate  |
|--|--|--|---|
| <p style="text-align: center;"><b>Conceptual Physics</b><br/>(Recommended for freshmen in Algebra)<br/><b>or</b><br/><b>No Science Freshman Year</b></p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b>Biology</b><br/>(Recommended for freshmen in Geometry)</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Recommended one of the following:</u></b><br/>Conceptual Physics<br/>Biotechnology 1<br/>Marine Biology<br/>Human Physiology<br/>Field Biology<br/>Principles of Engineering</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Recommended one of the following:</u></b><br/>Principles of Engineering<br/>AP Env. Sci.<br/>AP/IB Biology<br/>Biochemistry<br/>Biotechnology 1<br/>Marine Biology<br/>Human Physiology<br/>Field Biology</p> <p style="text-align: center;"><i>Pathway Options:</i><br/>Biotechnology<br/>Engineering<br/>(see course catalog for more information on pathways)</p> | <p style="text-align: center;"><b>Conceptual Physics</b><br/>(Recommended for freshmen in Algebra)<br/><b>or</b><br/><b>No Science Freshman Year</b></p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b>Biology</b><br/>(Recommended for freshmen in Geometry)</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Select at least one of the following:</u></b><br/>Physics<br/>Chemistry<br/>Conceptual Physics<br/>Astronomy</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Recommended one of the following:</u></b><br/>Principles of Engineering<br/>AP Env. Sci.<br/>AP/IB Biology<br/>Biochemistry<br/>Biotechnology 1<br/>Marine Biology<br/>Human Physiology<br/>Field Biology</p> <p style="text-align: center;"><i>Pathway Options:</i><br/>Biotechnology<br/>Engineering<br/>(see course catalog for more information on pathways)</p> | <p style="text-align: center;"><b>Biology</b><br/>(Recommended for freshmen in Geometry)</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Select at least one of the following:</u></b><br/>Physics<br/>IB Physics SL<br/>Chemistry</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Recommended at least one of the following:</u></b><br/>Principles of Engineering<br/>AP Env. Sci.<br/>AP/IB Physics<br/>AP/IB Biology<br/>AP/IB Chemistry<br/>Biotechnology 1<br/>Biotechnology 2<br/>Biochemistry<br/>Marine Biology<br/>Astronomy<br/>Human Physiology<br/>Field Biology</p> <p style="text-align: center;"><i>Pathway Options:</i><br/>Biotechnology<br/>Engineering<br/>(see course catalog for more information on pathways)</p> | <p style="text-align: center;"><b>Chemistry</b></p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b><u>Select at least one of the following:</u></b><br/>IB Physics SL<br/>IB Chemistry SL<br/>IB Biology HL</p> |

- All students must complete **10 units of physical science** and **10 units of biology** to graduate.
- Most courses have prerequisites that are listed in the course catalog.