

# Science Courses Information Cheat Sheet

Standard sequence of classes...

Students can also take...

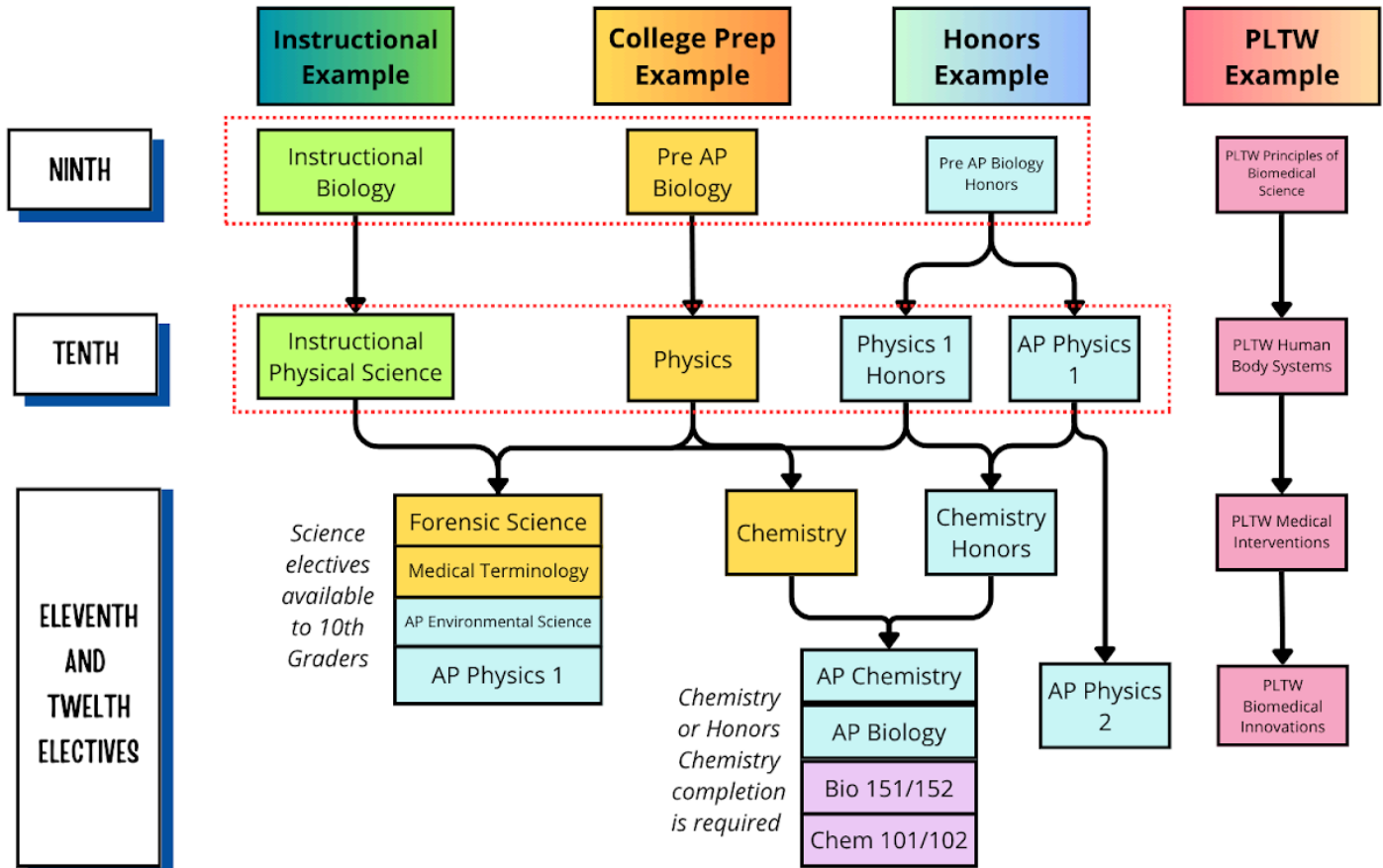
Notes on classes...

Standard sequence of classes...	Students can also take...	Notes on classes...
<p><b>Freshman Year</b></p> <ul style="list-style-type: none"> <li>Biology/Biology H</li> </ul>	<p><b>Freshman Year</b></p> <ul style="list-style-type: none"> <li>PLTW Principles of Biomedical Science</li> </ul>	<p>PLTW classes are very intensive and have an honors weighting. Recommended that students start sequence their freshman year.</p>
<p><b>Sophomore Year</b></p> <ul style="list-style-type: none"> <li>Physics/Physics H/AP Physics 1</li> <li>AP Environmental Science</li> </ul>	<p><b>Sophomore Year</b></p> <ul style="list-style-type: none"> <li>PLTW Human Body Systems</li> <li>Medical Terminology (.5)</li> <li>Forensics</li> </ul>	<p>Student must pass Biology AND Algebra to be placed in Physics.</p> <p>Math Honors placement is not required but HIGHLY recommended for students requesting a level change to Honors Physics or Honors Chemistry.</p>
<p><b>Junior Year (Electives)</b></p> <ul style="list-style-type: none"> <li>Chemistry/Chemistry H</li> <li>AP Biology</li> <li>AP Physics 2</li> </ul>	<p><b>Junior Year</b></p> <ul style="list-style-type: none"> <li>PLTW Medical Interventions</li> </ul>	<p>Medical Terminology and PLTW HBS have a lot of overlap. PLTW is more in-depth and rigorous.</p> <p>Forensics is an accessible elective for all students.</p>
<p><b>Senior Year (Electives)</b></p> <ul style="list-style-type: none"> <li>AP Chemistry</li> <li>JJC Dual Enrollment Classes               <ul style="list-style-type: none"> <li>Biology 151/152</li> <li>Chemistry 101/102</li> </ul> </li> </ul>	<p><b>Senior Year</b></p> <ul style="list-style-type: none"> <li>PLTW Biomedical Innovations</li> </ul> <p>Review some example syllabi for our honors and AP Courses: <a href="http://tinyurl.com/JTHSHonorsSyllabi">tinyurl.com/JTHSHonorsSyllabi</a></p>	<p>Students can take PLTW MI &amp; BI concurrently.</p> <p>JJC releases Fall Schedule in March. Seats saved for our students, but they must meet requirements. Classes taken at JJC and cost is responsibility of the student.</p>





# SCIENCE AT JTHS!



**FRESHMEN REQUIRED OPTIONS:**

- Pre AP Biology
- Pre AP Biology Honors
- Instructional Biology
- PLTW Principles of Biomedical Science

**SOPHOMORE REQUIRED OPTIONS:**

- Instructional Physical Science
- Physics
- AP Physics 1 (Must Pass Geometry)
- AP Environmental Science

**JUNIOR RECOMMENDED OPTIONS:**

- Chemistry
- Chemistry Honors
- Forensics
- AP Physics 1
- AP Environmental Science

**ELECTIVE OPTIONS:**

- AP Biology
- AP Physics 1
- AP Physics 2
- AP Chemistry
- AP Environmental Science
- PLTW Biomedical Science
- Medical Terminology
- Forensics
- JJC Dual Enrollment
- Chemistry / Chemistry Honors

### Notes

- Many advanced science classes can be taken concurrently.
- PLTW Pathway must include an additional science course during Freshman and Sophomore year.
- All students must take one of the red outlined classes as a freshman and sophomore. ....
- Students may complete a level change request to transfer into or out of the Honors version of the course.
- AP Chemistry is not recommended for Juniors in place of Honors Chemistry.
- Math Honors placement is not required but HIGHLY recommended for students requesting a level change to Honors Physics or Honors Chemistry.