

# Choose Your Path Through Science at Deerfield

9th Grade	10th Grade	11th Grade	12th Grade
<p><b>Physics I</b></p> <p><b>Physics I Accelerated</b> Prereq: MAT205 - Geometry A or Higher</p> <p>Repeat 9th graders who have already taken physics can wait until 10th grade to take science, or request to take Chemistry.</p>	<p><b>Chemistry I</b></p> <p><b>Chemistry I Accelerated</b> Prereq: Concurrent with MAT305 - Algebra 2A or Higher</p> <p><b>Bio I Topics</b> 10th graders who want another year of math before enrolling in Chemistry</p> <p><b>*Intro to Computer Science</b> Two Term Course (FW)</p> <p><b>*Game Design</b> One Term Course (Spring)</p> <p>New 10th graders who have not taken Physics should still request to take Chemistry.</p> <p>10th graders who have taken Physics and Chemistry may request to take Biology</p>	<p><b>Biology I Topics</b></p> <p><b>Biology I Accelerated</b> Prereq: Chemistry</p> <p><b>Honors Biology I</b> Prereq: Chemistry</p> <p><b>Physics I Topics</b> 1st year physics class for students who have not had Physics, but have taken Chem and Bio.</p> <p>*Students who have taken Physics and Biology should request to take Chemistry.</p> <p><b>Applied and Advanced Courses</b></p> <p><b>Environmental Science I</b></p> <p><b>Honors Environmental Science I</b> Prereq: Chemistry</p> <p><b>Physics 2</b> Prereq: Physics and Algebra 2</p> <p><b>Honors Physics 2</b> Prereq: Physics &amp; Concurrent BC or higher</p> <p><b>Engineering - 1 Term Electives</b> Electric (F) / Civil (W) / Mechanical (S) Prereq: Physics</p> <p><b>Electric Vehicle Engineering</b> Prereq: Physics</p> <p><b>*Intro to Computer Science</b> Two Term Course (FW)</p> <p><b>*Game Design</b> One Term Course (Spring)</p> <p><b>*Honors Computer Science</b> Prereq: Concurrent Pre-Calc or Above</p> <p><b>*Data Structures</b> Prereq: Honors Computer Science</p> <p><b>Digital Logic</b> Prereq: Honors Computer Science</p>	<p><b>Environmental Science I</b></p> <p><b>Honors Environmental Science I</b> Prereq: Chemistry and Biology</p> <p><b>Anatomy and Physiology (FW)</b> Prereq: Biology</p> <p><b>Immunology (S)</b> Prereq: Biology</p> <p><b>Physics 2</b> Prereq: Physics and Algebra 2</p> <p><b>Engineering</b> Electrical (F) Civil (W) Mechanical (S) Prereq: Physics</p> <p><b>Quantum Physics (S)</b> Prereq: Physics, Chemistry, Pre-Calc</p> <p><b>Electric Vehicle Engineering</b> Prereq: Physics</p> <p><b>Honors Physics 2</b> Prereq: Physics and concurrent with BC or higher</p> <p><b>Honors Bio 2</b> Prereq: Physics, Chem, Bio, Pre-Calc</p> <p><b>Honors Chem 2</b> Prereq: Physics, Chem, Bio, Pre-Calc</p> <p><b>Honors Environmental Science 2</b> Prereq: Chem, Bio, Enviro 1</p> <p><b>*Intro to Computer Science</b> Two Term Course (FW)</p> <p><b>*Game Design</b> One Term Course (Spring)</p> <p><b>*Honors Computer Science</b> Prereq: Concurrent Pre-Calc or Above</p> <p><b>*Data Structures</b> Prereq: Honors Computer Science</p> <p><b>Digital Logic</b> Prereq: Honors Computer Science</p>
<p>Notes</p> <ul style="list-style-type: none"> <li>• DA Graduation Requirement: two years of lab-science</li> <li>• * denotes courses that are not lab-science courses</li> <li>• The College Advisors and Science Department recommend all students take the core science courses: Physics, Chem and Bio before graduating.</li> <li>• Some students choose to take two science or computer science courses their junior and or senior year.</li> <li>• Students must meet the prerequisites for advanced courses, and enrollment of in these courses require approval from the Department</li> </ul>			