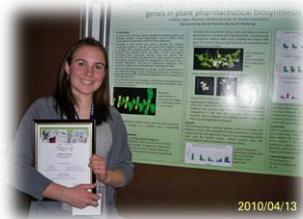
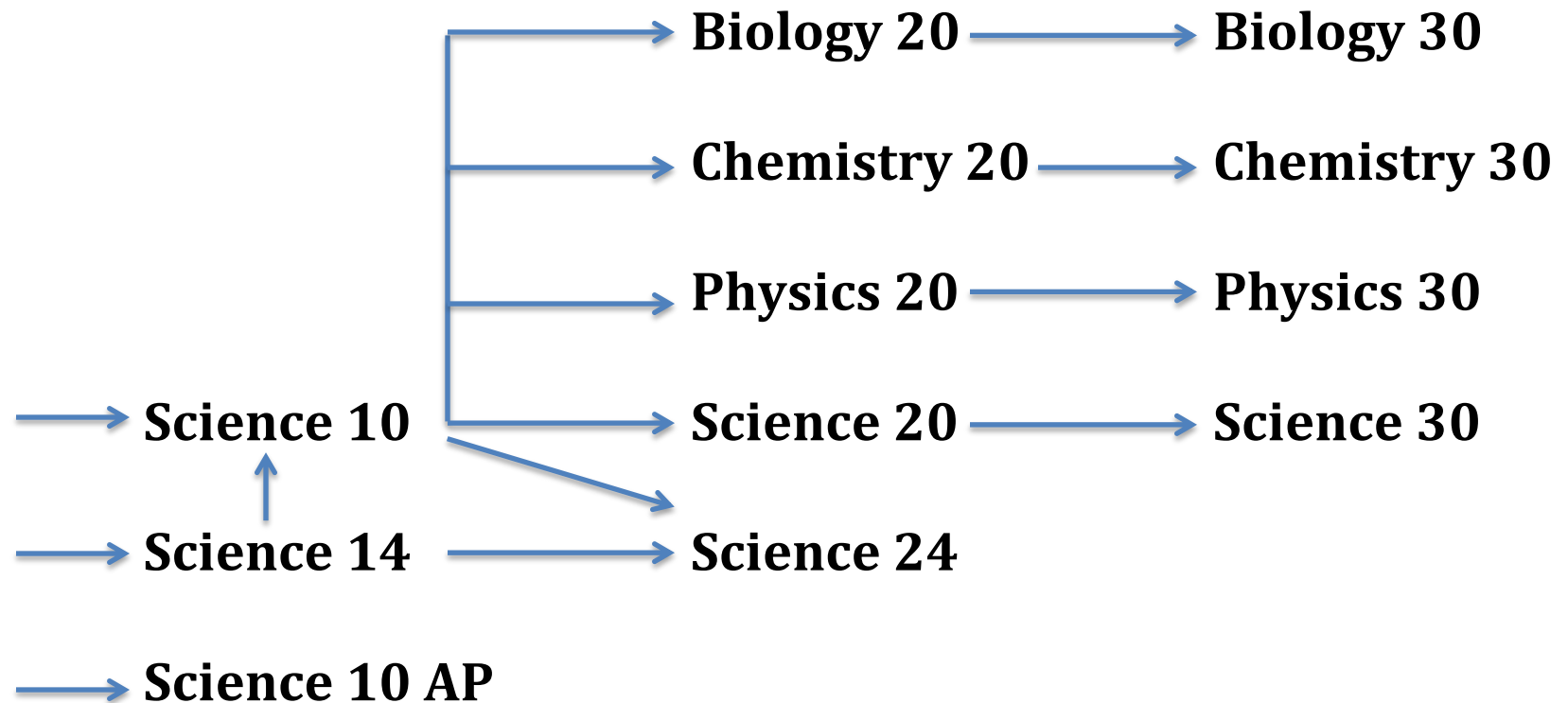


Senior High School Science Course Progression





William Aberhart Grade 10 Science Courses



	Science 14 Workplace and Apprenticeship 5 credits	Science 10 5 credits	Science 10 PreAP Advanced Placement 5 credits
Who?	<ul style="list-style-type: none">- Did not meet grade 9 level expectations in Science- And/or is interested in Workplace and Apprenticeship Science	<ul style="list-style-type: none">- Demonstrated Basic, Good or Excellent Achievement in Science 9	<ul style="list-style-type: none">- Demonstrated Excellent Achievement in Science 9- Has a passion for Science- Is motivated- Wishes to pursue Science at a level beyond high school
Topics	<ol style="list-style-type: none">1. Investigating Properties of Matter2. Understanding Energy Transfer Technologies3. Investigating Matter and Energy in Living Systems4. Investigating Matter and Energy in the Environment <p>The Program of Studies can be found at https://education.alberta.ca/media/159714/sc1424.pdf</p>	<ol style="list-style-type: none">1. Energy and Matter in Chemical Change2. Energy Flow in Technological Systems3. Cycling of Matter in Living Systems4. Energy Flow in Global Systems <p>The Program of Studies can be found at https://education.alberta.ca/media/159715/science10.pdf</p>	<p>The regular Science 10 topics are covered on an accelerated basis and then enriched to increase the students' depth of understanding.</p> <p>Science process (or lab) skills are developed more and opportunities are provided for students to investigate science concepts and think independently.</p> <p>At the end of the semester, despite having learned additional concepts, students' final grade will be adjusted in order to reflect the grade they would have received in a regular Science 10 course.</p>
Notes	<p>Successful students may register in Science 24 next to complete the minimum credits required in science. Students who achieve a strong result in Science 14 may also register in Science 10 next.</p> <p>Science 14 can also be used as a language builder for ELL and international students. Upon completion, students can then progress into the Science 10 stream.</p>	<p>Successful students will have the option of taking Science 20, Biology 20, Chemistry 20, and/or Physics 20 in grade 11.</p>	<p>Successful students may register in Biology 20AP, Chemistry 20AP and/or Physics 20AP (with teacher recommendation).</p>

*All Science courses are only offered in English.