**Physics Course Pathways – as of Sept 2021**

|  |  |  |  |
| --- | --- | --- | --- |
| **Math Co-Requisite** | **Science/Physics** | | |
| Math 10 | **Science 10** | | |
| Math 11 | **Physics 11**  *\*Pre-requisite: Math 10 and Science 10\** | **Physics 11 Honours**  Physics 11 topics and concepts are approached at a higher level of difficulty in preparation for Physics 12H/AP-1   * Lab and inquiry activities are enriched   *\*Pre-requisite: minimum of 80% in Math 10 and Science 10\** |  |
| Math 12 | **Physics 12**  *\* Pre-requisite: Physics 11* ***or*** *Physics 11H \** | **Physics 12 Honours/AP-1**  Credit for Physics 12 and AP-1  Physics 12 topics plus additional topics for AP-1   * Lab and inquiry activities are enriched   *\* Pre-requisite: Physics 11H \** | **Physics AP-2**  Credit for Physics AP-2  Additional topics that are not in the BC Physics 11/12 curriculum are covered, enriching and broadening student experience of Physics.  *\* Pre-requisite: Physics 11H or minimum of 86% in Physics 11\**  *\*Co-requisite: Physics 12H/AP-1 or Physics 12\** |
| Calculus |  |  | Possible IDS courses for enthusiastic and committed Physics students:  **AP Physics C - Mechanics (Calculus based)**  *and/or*  **AP Physics C - Electricity and Magnetism (Calculus based)**  *\*Pre or co-requisite: Physics 12H/AP-1\** |