

HIGH SCHOOL SCIENCE COURSE OPTIONS

FOUNDATION PLAN PLUS ENDORSEMENTS	Grade 9 1 st Science Credit	Grade 10 2 nd Science Credit	Grade 11 3 rd Science Credit	Grade 12 4 th /5 th Science Credit
	<p>33016 Integrated Physics & Chemistry (IPC) 33019 IPC for EL</p> <p>33112 Biology 33113 Honors Biology I 33114 IntH Biology I [GHS] 33115 Biology for EL 33116 MST Biology I [NGHS]</p> <p>33320 AP Physics I</p>	<p>33016 Integrated Physics & Chemistry (IPC) 33019 IPC for EL</p> <p>33112 Biology 33113 Honors Biology I 33114 IntH Biology I [GHS] 33115 Biology for EL 33116 MST Biology I [NGHS]</p> <p>33122 IB Biology I [GHS]</p> <p>33212 Chemistry 33213 Honors Chemistry I 33214 IB Chemistry I [GHS] 33216 MST Chemistry I [NGHS] 33217 Chemistry for EL 33223 AP Chemistry</p> <p>33311 Physics 33312 IB Physics I [GHS] 33313 Physics (H) 33319 Concepts in Physics (DC) [LCHS/NGHS] 33320 AP Physics I 33321 AP Physics II 33313 Physics (H) 33428 MST Aquatic Science (H) [NGHS] 33429 Aquatic Science</p> <p>80790 MST Biotechnology I</p>	<p>33121 AP Biology DC 33122 IB Biology I [GHS] 33124 IB Biology II [GHS] 33123 AP Biology</p> <p>33212 Chemistry 33213 Honors Chemistry I 33214 IB Chemistry I [GHS] 33216 MST Chemistry I [NGHS] 33217 Chemistry for EL 33223 AP Chemistry 33224 IB Chemistry II [GHS]</p> <p>33311 Physics 33312 IB Physics I [GHS] 33313 Physics (H) 33315 IB Physics II [GHS] 33318 AP Physics C 33319 Concepts in Physics (DC) [LCHS/NGHS] 33320 AP Physics I 33321 AP Physics II 33322 AP Physics C: Electricity & Magnetism (½) 33323 AP Physics C: Mechanics (½) 33324 AP Physics C: Electricity & Magnetism</p> <p>33402 Earth & Space Science 33414 Astronomy 33417 Environmental Systems 33426 AP Environmental Science 33427 MST Earth Science (H) [NGHS] 33428 MST Aquatic Science (H) [NGHS] 33429 Aquatic Science 33431 IB Environmental Systems SL [GHS] 39106 Organic Chemistry 83225 Chemistry (DC) 83424 Scientific Research & Design (H) 83430 MST Scientific Research & Design (H) [NGHS]</p> <p>88125 MST Scientific Research & Design – World Health(R) [NGHS] 88741 Principle of Engineering [NGHS]</p> <p>8A410 Adv Animal Science [GHS & SGHS] 8A418 Adv Plant & Soil Science [NFHS] 8H310 Anatomy & Physiology of Human Systems[®] 8H310 Anatomy & Physiology of Human Systems (H)</p>	<p>33121 AP Biology DC 33122 IB Biology I [GHS] 33124 IB Biology II [GHS] 33123 AP Biology</p> <p>33212 Chemistry 33213 Honors Chemistry I 33214 IB Chemistry I [GHS] 33216 MST Chemistry I [NGHS] 33217 Chemistry for EL 33223 AP Chemistry 33224 IB Chemistry II [GHS]</p> <p>33311 Physics 33312 IB Physics I [GHS] 33313 Physics (H) 33315 IB Physics II [GHS] 33318 AP Physics C 33319 Concepts in Physics (DC) [LCHS/NGHS] 33320 AP Physics I 33321 AP Physics II 33322 AP Physics C: Electricity & Magnetism (½) 33323 AP Physics C: Mechanics (½) 33324 AP Physics C: Electricity & Magnetism</p> <p>33402 Earth & Space Science 33414 Astronomy 33417 Environmental Systems 33345 IB Sports, Exercise & Health Science 33426 AP Environmental Science 33427 MST Earth Science (H) [NGHS] 33428 MST Aquatic Science (H) [NGHS] 33429 Aquatic Science 33431 IB Environmental Systems SL [GHS] 39106 Organic Chemistry 83225 Chemistry (DC) 83424 Scientific Research & Design (H) 83430 MST Scientific Research & Design (H) [NGHS] 88125 MST Scientific Research & Design – World Health(R) [NGHS]</p> <p>8A410 Adv Animal Science [GHS & SGHS] 8A418 Adv Plant & Soil Science [NFHS] 8H310 Anatomy & Physiology of Human Systems[®] 8H310 Anatomy & Physiology of Human Systems (H)</p>

For course descriptions, refer to the *Course Guide*.

HIGH SCHOOL SCIENCE COURSE OPTIONS

			<p>8H740 MST Medical Microbiology H 8H770 MST Pathophysiology H [NGHS] 8H775 MST Pathophysiology (H)/DC (NGHS)</p> <p>8I450 Food Science 8L300 Forensic Science 8O790 MST Biotechnology I 8O310 Engineering Design & Problem Solving [NGHS]</p> <p>8O710 MST Engineering Design & Problem Solving [NGHS] 8O740 MST Principles of Engineering [NGHS] 8O790 MST Biotechnology I (NGHS)</p>	<p>8H740 MST Medical Microbiology H (½) + 8H770 MST Pathophysiology H (½) [NGHS] 8H775 MST Pathophysiology (H)/DC (NGHS) 8I450 Food Science 8L300 Forensic Science</p> <p>8O310 Engineering Design & Problem Solving 8O713 MST Scientific Research and Design [NGHS] 8O710 MST Engineering Design & Problem Solving [NGHS] 8O740 MST Principles of Engineering [NGHS] 8O790 MST Biotechnology I (NGHS)</p>
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FOUNDATION PLAN 	Grade 9 1 st Science Credit	Grade 10 2 nd Science Credit	Grade 11 or Grade 12 3 rd Science Credit
	<p>33112 Biology 33115 Biology for EL</p>	<p>33016 Integrated Physics & Chemistry (IPC) 33019 IPC for EL</p>	<p>33212 Chemistry 33311 Physics 33402 Earth & Space Science 33414 Astronomy 33417 Environmental Systems 33429 Aquatic Science 8I450 Food Science 8L300 Forensic Science 8A410 Adv Animal Science [GHS & SGHS] 8A418 Adv Plant & Soil Science [NFHS]</p>
	EoC	<p>33016 Integrated Physics & Chemistry (IPC) 33019 IPC for EL</p>	

FOUNDATION PLAN (based on ARD Recommendation)	Grade 9 1 st Science Credit	Grade 10 2 nd Science Credit	Grade 11 or Grade 12 3 rd Science Credit		
	<p>39021 Applied Environmental Awareness IV (B)</p>	<p>39022 Applied Environmental Awareness V (B)</p>	<p>39023 Applied Environmental Awareness VI (B)</p>	<p>39024 Applied Environmental Awareness VII (B) 39024 Applied Environmental Awareness VIII (B)</p>	
	EoC -Alt		<p>39076 BASIC Biology (B)</p>	<p>39100 BASIC Chemistry (B)</p>	<p>39105 BASIC Physics (B) 39074 BASIC Astronomy (B)</p>

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