

Possible University Pathway: Science and Mathematics

(Suggestion only)

Ontario Secondary School Diploma (OSSD) Graduation Requirements:

- earn 18 compulsory credits
- earn 12 optional credits
- pass the literacy requirement
- complete a minimum of 40 hours of community involvement activities

COMPULSORY COURSES (18)

Graduation Requirement	Grade 9	Grade 10	Grade 11	Grade 12
4 English	English, Academic ENG1D	English, Academic ENG2D	English, University ENG3U	English, University ENG4U
3 math	Mathematics, grade 9, Destreamed MTH1W	Principles of Mathematics, Academic MPM2D	Functions, University MCR3U	
2 science	Science, Academic SNC1D	Science, Academic SNC2D		
1 French (substitution: see note below)	Core French, Academic FSF1D <i>OR</i> Core French, Applied FSF1P <i>OR</i> Core French, Open FSF1O			
1 civics (.5 credit)		Civics, Open CHV2O		
1 careers (.5 credit)		Careers, Open GLC2O		

1 Canadian history		Canadian History in the Twentieth Century, Academic CHC2D <i>OR</i> First Nations, Métis, and Inuit in Canada, Open NAC20		
1 physical and health education			Health for Life, College PPZ3C	
1 arts		Media Arts, Open ASM20		
1 Canadian geography	Geography of Canada, Academic CGC1D			
<u>Group 1</u> <u>1</u> additional credit in: English, <i>or</i> Native language, <i>or</i> First Nations, Metis, and Inuit Studies, <i>or</i> classical/ an international language, <i>or</i> social sciences and the humanities, <i>or</i> Canadian and world studies, <i>or</i> guidance and career education, <i>or</i> co-operative education		Exploring Family Studies, Open HIF20		

<p>Group 2 <u>1 credit in:</u> an additional health and physical education, or the arts, or business studies, or French as a second language, or co-operative education</p>	<p>Introduction to Information Technology in Business, Open BTT20</p>			
<p>Group 3 <u>1 credit in:</u> technological education, or grade 11/12 science, or computer studies, or French as a second language, or co-operative education</p>			<p>Biology, University SBI3U</p>	
<p>OPTIONAL COURSES (12)</p>				
<p>12 optional credits These are just suggestions, you can take other courses that are not listed for your optional credits as long as they are not included as a compulsory course.</p>	<p>Learning Strategies, Open GLS10</p> <p>Introduction to Business, Open BBI20</p> <p>Music, Vocals, Open AMV10</p>	<p>Green Industries, Open THJ20</p> <p>Visual Arts, Open AVI20</p> <p>Communication Technology, Open TGJ20</p>	<p>Chemistry, University SCH3U</p> <p>Physics, University SPH3U</p> <p>Environmental Science, College/University SVN3M</p>	<p>Biology, University SBI4U</p> <p>Chemistry, University SCH4U</p> <p>Physics, University SPH4U</p>

	<p>Music, Guitar, Open AMG10</p> <p>Music, Instrumental (Brass/Wind) Open AMI10</p>	<p>Music, Vocals, Open AMV20</p> <p>Music, Guitar, Open AMG20</p> <p>Music, Instrumental (Brass/Wind) Open AMI20</p>	<p>Communications Technology, College/University TGJ3M</p> <p>Media Arts, Open ASM30</p> <p>Introduction to Computer Science, College ICS3U</p> <p>Understanding Canadian Law, College/ University CLU3M</p> <p>Introduction to Anthropology, Psychology and Sociology, University, HSP3U</p> <p>World History to the end of the 15th Century, College/ University CHW3M</p> <p>Forces of Nature: Physical Processes and Disasters, College/ University CGF3M</p> <p>Raising Healthy Children, Open HPC30</p> <p>Travel and Tourism:</p>	<p>Advanced Functions, University MHF4U</p> <p>Calculus and Vectors, University MCV4U</p> <p>Data Management, University MDM4U</p> <p>Introductory Kinesiology, University PSK4U</p> <p>Computer Science, University ICS4U</p> <p>Philosophy: Questions and Theories, University HZT4U</p> <p>Canadian and International Law, University CLN4U</p> <p>World Cultures, College/ University HSC4M</p>
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			A Regional Geographic Perspective, Open CGG30	
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Note: To meet individual students' needs, principals may replace up to three of these courses (or the equivalent in half courses) with courses from the remainder of those that meet the compulsory credit requirements. **(OSS, 3.2)**

Please look at program requirements to determine what prerequisites you need for your post-secondary program.

The courses listed under Group 1, 2 and 3 are just suggestions. Students can take other courses to meet those requirements, as long as they are not already included in the other 15 compulsory courses. Any course that does not count under the 18 compulsory courses (15 plus the 3 groups) is considered an optional/elective course.

All courses run based on sufficient enrollment.