

This pathway prepares students to work in a medical setting where workers treat patients (animal or human), promote health and wellness, complete laboratory research, and apply scientific knowledge within a practical and clinical practice.

**Career Clusters Included:** Health Science

**Sample Rosedale Course Pathway**

Grade 10

Grade 11

Grade 12

**ENG2D:** English  
**SNC2D:** Science  
**MPM2D:** Principles of Mathematics

**ENG3U:** English  
**SBI3U:** Biology  
**SCH3U:** Chemistry  
**SPH3U:** Physics  
**MCR3U:** Functions

**ENG4U:** English  
**SBI4U:** Biology  
**SCH4U:** Chemistry  
**SPH4U:** Physics\*  
**MHF4U:** Advanced Functions  
**MCV4U:** Calculus & Vectors

\*courses in blue are recommended but not required

**Required Skills**

Communication Skills, Patience, Critical-thinking skills, Active Listening Skills, Reading Comprehension, Complex Problem Solving Skills, Scientific Skills, Compassion, Attention to Detail, Technical Skills

**After High Schools:**

Possible credentials that pathway graduates may pursue include:

- BSc (Bachelor of Science)
- BScN (Bachelor of Science in Nursing)
- BHSc (Bachelor of Health Sciences)
- BKin (Bachelor of Kinesiology)
- BA (Bachelor of Arts)
- BPHE (Bachelor of Physical & Health Education)
- Paramedic Diploma
- Professional & Graduate Studies

Possible Careers	Avg. Salary*	Job Growth*
Radiation Technologist	\$73,686	↑
Dietitians & Nutritionists	\$58,919	↑
Pharmacists	\$102,983	↑
Paramedic	\$80,378	-
Music or Art Therapist	\$43,490	-
Psychologists	\$79,561	↑
Veterinarian	\$81,692	-

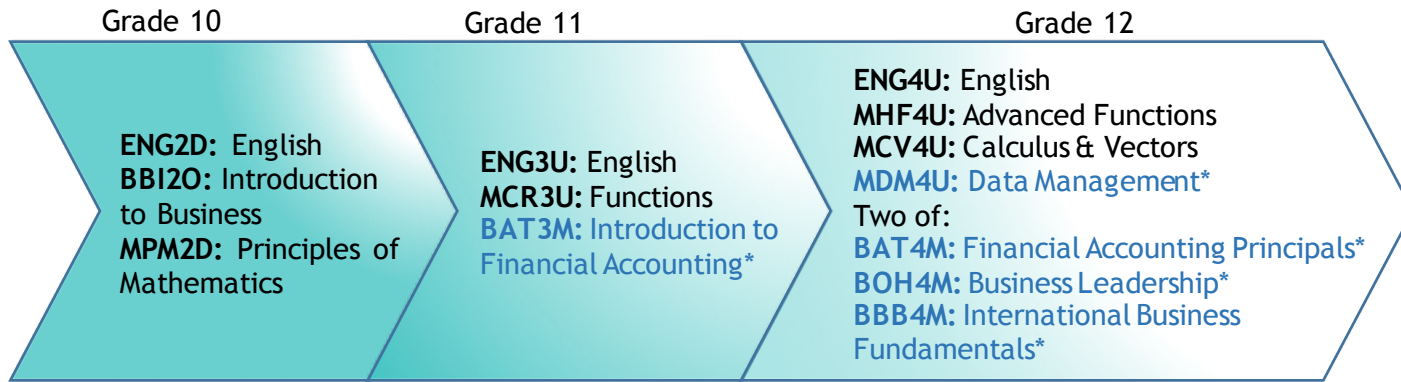
\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), ↑ (above average)



This pathway prepares students to work in an office setting and developing web pages, preparing reports, analyzing data, managing groups, selling products, designing advertisements, studying investments, and working with clients.

**Career Clusters Included:** Marketing, Finance, Business Management & Administration, Hospitality & Tourism

**Sample Rosedale Course Pathway**



\*courses in blue are recommended but not required

**Required Skills**  
 Analytical Skills,  
 Communication Skills,  
 Mathematical Skills,  
 Organizational Skills,  
 Customer-Service Skills,  
 Reading Comprehension,  
 Critical-Thinking Skills,  
 Creativity, Time Management

**After High Schools:**

Possible credentials that pathway graduates may pursue include:

- BBA (Bachelor of Business Administration)
- BComm (Bachelor of Commerce)
- BMOS (Bachelor of Management and Organizational Studies)
- BA (Bachelor of Arts)
- BTM (Bachelor of Tourism Management)
- Diploma in Travel & Tourism

Possible Careers	Avg. Salary*	Job Growth*
Accountant	\$81,172	↑
Public Relations Specialist	\$89,972	↑
Actuary	\$112,911	↑
Hotel Manager	\$61,642	↑
Marketing Researcher	\$78,765	-
Investment Analyst	\$83,219	↑
Insurance Brokers	\$69,295	-

\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), ↑ (above average)



This pathway prepares students to work in an environmentally-focused field, where workers study animal and plant systems, develop new food products, use agricultural technology, research ways to protect natural resources and much more.

Career Clusters Included: Agriculture, Food & Natural Resources

## Sample Rosedale Course Pathway

Grade 10

Grade 11

Grade 12

**ENG2D:** English  
**SNC2D:** Science  
**MPM2D:** Principles of Mathematics

**ENG3U:** English  
**SBI3U:** Biology  
**SCH3U:** Chemistry  
**SPH3U:** Physics\*  
**MCR3U:** Functions

**ENG4U:** English  
**SBI4U:** Biology  
**SCH4U:** Chemistry  
**SPH4U:** Physics\*  
**MHF4U:** Advanced Functions  
**MCV4U:** Calculus & Vectors

\*courses in blue are recommended but not required

### Required Skills

Communication Skills, Analytical Skills, Problem Solving Skills, Critical-Thinking skills, Decision-Making Skills, Mechanical Skills, Scientific Skills, Observation Skills

### After High Schools:

Possible credentials that pathway graduates may pursue include:

- BSc (Bachelor of Science)
- BASc (Bachelor of Applied Science)
- BA (Bachelor of Arts)
- BBRM (Bachelor of Bio-Resource Management)
- BCom (Bachelor of Commerce)
- BED (Bachelor of Environmental Design)
- Landscape Technician Diploma
- Veterinary Technician Diploma

Possible Careers	Avg. Salary*	Job Growth*
Horticulture Technician	\$47,850	↑
Environmental Officer	\$72,676	↑
Food Scientist	\$76,312	↑
Mining Manager	\$164,331	-
Forestry Supervisor	\$72,492	-
Agricultural Consultant	\$99,365	-
Conservation Officer	\$64,824	-

\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), ↑ (above average)



This diverse pathway prepares students to work in a hands-on environment that includes jobs from designing, developing, planning, managing, performing and processing materials into intermediate and final products.

**Career Clusters Included:** Manufacturing, Transportation, Distribution & Logistics, Science, Technology, Engineering & Mathematics, and Architecture & Construction

### Sample Rosedale Course Pathway

Grade 10

Grade 11

Grade 12

**ENG2D:** English  
**SNC2D:** Science  
**MPM2D:** Principles of Mathematics

**ENG3U:** English  
**SCH3U:** Chemistry  
**SPH3U:** Physics  
**SBI3U:** Biology (Optional)  
**MCR3U:** Functions

**ENG4U:** English  
**SCH4U:** Chemistry  
**SPH4U:** Physics  
**SBI4U:** Biology (optional)  
**MHF4U:** Advanced Functions  
**MCV4U:** Calculus & Vectors  
**MDM4U:** Data Management\*

#### Required Skills

Communication Skills,  
Analytical Skills, Problem Solving Skills, Organizational Skills, Technical Skills, Visualization Skills, Mechanical Skills, Dexterity.

\*courses in blue are recommended but not required

#### After High Schools:

Possible credentials that pathway graduates may pursue include:

- BSc (Bachelor of Science)
- BASc (Bachelor of Applied Science)
- BEng (Bachelor of Engineering)
- BAS (Bachelor of Architectural Studies)
- BBA (Bachelor of Business Admin.)
- BA (Bachelor of Arts)
- BDes (Bachelor of Design)
- Engineering Technician Diploma
- Mechanical Techniques Diploma

Possible Careers	Avg. Salary*	Job Growth*
Architect	\$89,497	↑
Civil Engineer	\$93,000	↑
Electricians	\$60,247	↑
Elevator Mechanics	\$87,349	↑
Supply Chain Officers	\$61,973	↑
Geologists	\$76,312	↑
Industrial Instrument Mechanics	\$85,935	-

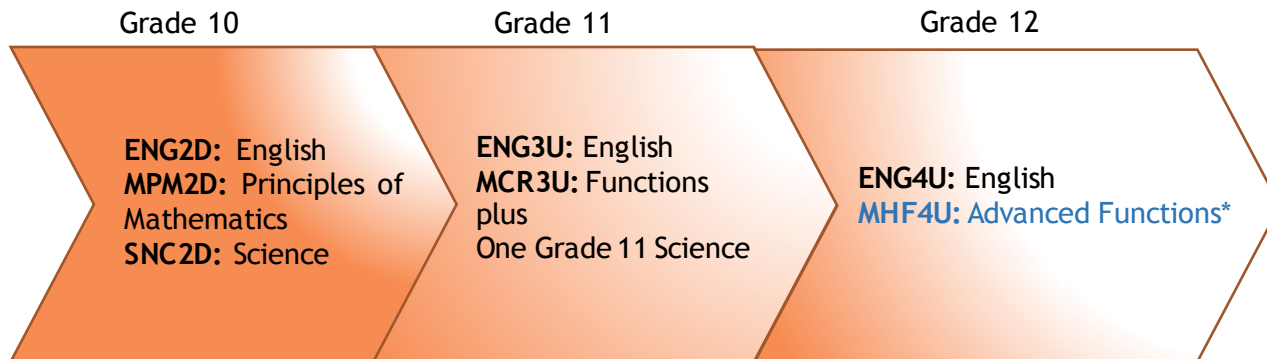
\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), † (above average)



This pathway prepares students to work in a people-oriented environment, providing support to people through creating administrative policies, providing education, providing legal and protective services, or promoting safe & healthy communities.

**Career Clusters Included:** Law, Public Safety & Security, Human Services, Government & Public Administration, Education & Training

**Sample Rosedale Course Pathway**



\*courses in blue are recommended but not required

**Required Skills**

Communication Skills, Interpersonal Skills, Analytical Skills, Problem Solving Skills, Critical-Thinking skills, Decision-Making Skills, Leadership Skills, Patience, Empathy

**After High Schools:**

Possible credentials that pathway graduates may pursue include:

- BA (Bachelor of Arts)
- BEd (Bachelor of Education)
- BSc (Bachelor of Science)
- BOR (Bachelor of Outdoor Recreation)
- BSW (Bachelor of Social Work)
- Bachelor of Public Safety
- Diploma in Child and Youth Work
- Diploma in Customs Border Services
- Professional and Graduate Studies

Possible Careers	Avg. Salary*	Job Growth*
Early Childhood Educators	\$31,596	↑
Urban Planner	\$82,275	↑
Event Planner	\$48,643	↑
Human Rights Officer	\$71,099	-
Lawyers	\$134,020	-
Recreation Coordinator	\$51,519	-
Correctional Officer	\$71,227	-

\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), † (above average)



This pathway prepares students to work in a creative and/or technical work environment where communication is key. This includes: communication through the arts, and technological communication.

**Career Clusters Included:** Arts, A/V Technology & Communications and Information Technology (I.T.)

## Sample Rosedale Course Pathway

Grade 10

Grade 11

Grade 12

**ENG2D:** English  
**MPM2D:** Principles of Mathematics  
**SNC2D:** Science

**ENG3U:** English  
**MCR3U:** Functions

For Computing Fields:  
**SPH3U:** Physics  
**ICS3U:** Introduction to Computer Science\*

**ENG4U:** English

For Computing Fields:  
**MHF4U:** Advanced Functions  
**MCV4U:** Calculus & Vectors  
**SPH4U:** Physics\*

\*courses in blue are recommended but not required

**Required Skills**  
Communication Skills,  
Interpersonal Skills,  
Analytical Skills, Problem Solving Skills, Critical-Thinking skills, Decision-Making Skills, Leadership Skills, Patience, Empathy

### After High Schools:

Possible credentials that pathway graduates may pursue include:

- BA (Bachelor of Arts)
- BAsC (Bachelor of Applied Science)
- BSc (Bachelor of Science)
- BCmp (Bachelor of Computing)
- BDes (Bachelor of Design)
- BFA (Bachelor of Fine Arts)
- BJ (Bachelor of Journalism)
- Diploma in Media Management
- Diploma in Film Production

Possible Careers	Avg. Salary*	Job Growth*
Computer Programmer	\$74,597	↑
Computer Network Technician	\$64,991	↑
Computer Game Developer	\$74,597	↑
Audiovisual Producer	\$63,494	-
Screen Writer	\$57,112	-
Television Camera Operator	\$56,217	-
Investigative Journalist	\$61,716	-

\*Figures based on Ontario statistics. Job growth for 2017-2021, - (average), † (above average)

