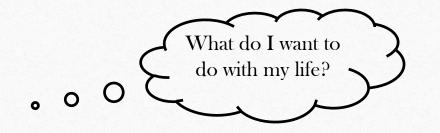
Kelvin High School Presents: Your Grade 11 Career

Guide

2021-2022



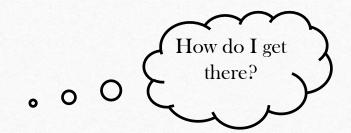
Not sure what career you might be interested in?

That's OKAY!



Try taking learning, interests and personality tests at: https://app.myblueprint.ca/?sdid=winnipeg

These tests will suggest career paths that may suit you best. Use these suggestions as a starting point to do further research.



University

College

Apprenticeship and College

Some information to consider when browsing your options:

Career Options and Paths	<u>Example</u>	<u>Route</u>
1)Computer System Design Services	Information Systems Analyst	B or C
2)Health Care and Social Assistance	Registered Nurse	C
3)Other Professional Services (scientific/technical)	Electrician	A
4)Professional Business Services	Financial auditor and accountant	C
5)Wood Products	Cabinetry and Woodworking	A or B
6)Metal Fabrication and Machinery	Machinist	A
7)Non-Automotive Transportation Equipment	Aerospace Engineer	C
(aerospace, railroad, shipbuilding)		
8)Wholesale Trade	Retail Store Manager	High School
9)Transportation and Warehousing Services	Storekeepers and Partspersons	A
10)Construction	Civil Engineering Tech	В

Route Legend: A: apprenticeship + college

B: college certificate or diploma

*All data taken from https: www.jobbank.gc.ca/home C: university degree

Top Occupations by Job Openings and Sector, 2019-2025

- 1) Management (ex. retail and wholesale trade manager, managers in agriculture, construction managers, etc)
- 2) Business, Finance and Administration (ex. general office support workers, administrative officers, accounting clerks, etc)
- 3) Natural and Applied Sciences and Related Occupations (ex. Information system analysts, computer network technicians, etc)
- **4)Health Occupations** (registered nurses and registered psychiatric nurses, nurse aides, specialized physicians, etc)
- **5)Occupations in Education, Law and Social, Community and Government** (ex. Elementary and kindergarten teachers, elementary and secondary school teacher assistants, social & community service workers, etc)

Top Occupations by Job Openings and Sector, 2019-2025

- 6) Occupations in art, culture and recreation and sport (ex. Musicians and singers, graphic designers, authors and writers, etc)
- 7) Sales and service occupations (ex. Salespersons, janitors, cooks, etc)
- 8) Trades, transport and equipment operators and related occupations (ex. Truck drivers, automotive service technicians, carpenters, etc)
- 9) Natural resources, agriculture and related occupations (ex. Farmers, landscapers, etc)
- 10) Occupations in manufacturing and utilities (ex. Labourers in food, beverage and associated products processing, mechanical assemblers and inspectors, etc)

Retrieved from:

https://www.gov.mb.ca/jec/lmi/pdfs/occupational-forecasts-2019-2025.pdf

Universities in Winnipeg

To be eligible for general entrance scholarships at any of Winnipeg's universities, you must apply by *March 1st* of the year you are planning to attend.

University of Manitoba (Programs: http://umanitoba.ca/student/admissions/programs/index.html)

Consider going here if:

You'd like to study at one of Canada's top 15 research universities.

The idea of attending a large, well-established institution (30 000 students!) excites you

Program highlights:

The only Bachelors of Engineering degree program in Winnipeg



Consider going here if:

You learn better in small class sizes and perform better when you have one-on-one contact with instructors.

You'd like to study in downtown Winnipeg

Program highlights:

Bachelor of Arts in Human Rights (the only program of its kind in western Canada)





Universities in Winnipeg

Université de Saint-Boniface (Programs: https://ustboniface.ca/en/programs)

Consider going here if:

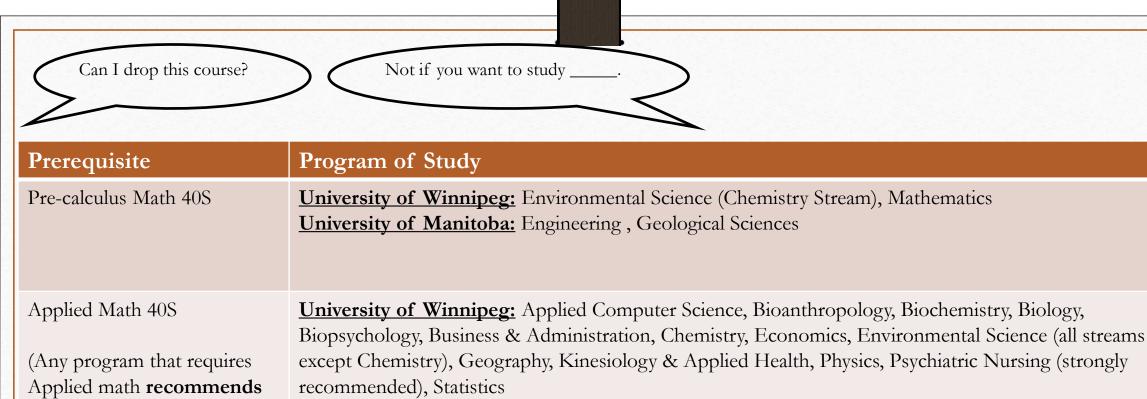
You want to study in French, which is important for government positions and increases your desirability for many jobs in Canada. You like small class sizes.

Program highlights:

Major in Biochemistry and Microbiology - Cooperative Stream Direct entry to Nursing



For prerequisites to any programs, see the chart at: https://ustboniface.ca/en/program-admission-requirements



Pre-calculus.)

recommended), Statistics

<u>University of Manitoba:</u> Agribusiness*, Agriculture*, Agroecology*, Food Sciences*, Human Nutritional Sciences*, Commerce, Diploma in Dental Hygiene*, Environmental Science*, Physical Geography*, Family Social Sciences*, Health Sciences*, Health Studies*, Kinesiology*, Physical

Education*, Recreation Management and Community Development, Science*

<u>Université de Saint-Boniface:</u> Science, Business Administration, Nursing* (both Chemistry and Biology are strongly recommended for Nursing)

*And at least one of: Biology 40S, Chemistry 40S, Physics 40S, or Computer Science 40S.



Prerequisite	Program of Study
Chemistry 40S	<u>University of Winnipeg:</u> Bioanthropology, Biochemistry, Biology, Biopsychology, Chemistry, Environmental Science, Exercise Science, Physical Chemistry, Psychiatric Nursing, <u>University of Manitoba:</u> Engineering, Geological Sciences
Physics 40S	University of Winnipeg: Physics University of Manitoba: Engineering, Geological Sciences

*For Geography (Science): You must also have either Pre-Calculus Mathematics 40S or Applied Mathematics 40S, Chemistry 40S, Physics 40S, and/or Pre-Calculus 40S also may be required, depending on your course choices.

NOTE: If you are planning on applying to med school, be aware that the MCAT (Medical College Admission Test) will test your knowledge of all three basic sciences, math, and psychology, as well as other subjects to be studied later.

Canadian Universities outside of Manitoba

If you are applying to Canadian schools outside of Manitoba, figure out where you're applying in September and begin online applications in early October.

Considering studying in the US?

You may need to write an entrance exam such as the SAT or ACT. Some US schools are removing SAT and ACT requirements from their applications, so familiarize yourself with the school that interests you. If you need to write either exam, familiarize yourself with the different formats of the two and register for the one you do better on. It is a good idea to take the exam in the second semester of Grade 11, so that you can take it again at the beginning of Grade 12 if you need to improve your score.

SAT test dates, locations, and registration information can be found at: https://collegereadiness.collegeboard.org/sat/register/find-test-centers

ACT test dates, locations, and registration information can be found at: http://www.act.org/content/act/en/products-and-services/the-act-non-us/registration.html

Additionally, application deadlines vary and some US schools stop taking applications at the end of November, so looking at options early is crucial.

Funding Post-Secondary Education

General Entrance Awards (Apply by March 1st to be eligible):

Average	USB	U of W	U of M
95-100%	\$2500 + \$500*	\$2250	\$3000
90-94.9%	\$1750 + \$500*	\$1750	\$2000
85-89.9%	\$1000 + \$\$500*	\$1100	\$1000
80-84.9%	\$750 + \$500*	\$0	\$0
Below 80%	\$500*	\$0	\$0

^{*}Provided by the government for studying in French

Funding Post-Secondary Education

Loans: Money that you have to pay back, beginning 6 months after you finish full-time studies.

Grants and Bursaries: Monetary gifts that you do not have to pay back, usually based on financial need and sometimes heritage.

Scholarships: Monetary gifts, either one-time or ongoing, that are merit-based.

Common scholarship requirements:

High Grades (high 90's for large awards)

Volunteer positions indicating leadership skills (20 hours a week for large awards)

Other scholarship criteria:

Heritage, field of study, bank membership, child of employee at certain companies, essay-writing contest winner

Sites to search for scholarships:

- https://scholartree.ca/
- https://scholarshipscanada.com/
- https://yconic.com/

Volunteering

Many scholarships require a community involvement component that asks applicants to describe their volunteer experience.

If you are thinking about applying to scholarships in your grade 12 year and need volunteer experience, check out the Volunteer Guidebook found on the Grade 12 Resources Google Classroom.



https://classroom.google.com/c/MzQ0OTgyMDc1NzQ3?cjc=6r5h3ac

Red River College

Interest Areas to Choose Programs from:

- Business

Community Services

Computer and Information

Technology

- Creative Arts

- Education

Engineering and Construction

Technology

Health Sciences

- Hospitality

- Indigenous Education

- Skilled Trades

Transportation Technology



Consider going here if:

You learn best in smaller classes through hands-on education, and prefer a shorter program of study.

Program Highlights:

Most programs have work placement terms, which allow you to make connections that will be useful in finding employment after you complete your certificate or diploma.

Note: Many programs fill up on a first come first serve basis, and some are competitive, so apply early!

Program catalogue with admission requirements & application deadlines:

http://me.rrc.mb.ca/Catalogue/

Apprenticeship

Why consider becoming an apprentice?

If you complete all your training (which takes 2-4 years) you will be able to write an exam that certifies you to work anywhere in Canada, called a red seal exam. Most trades offer *great salaries*, and you get to *earn* while you learn and begin your post training life with little to no debt.



How do you become an apprentice?

You have to find a professional in the field you're interested in that is willing to train you. Once you find someone to take you on as an apprentice, you and your employer fill out an application form, which can be found at:

https://www.gov.mb.ca/wd/apprenticeship/index.html

Then you start working, earning money and hours toward your Level 1 certification! Most trades require about 1800 hours of experience per level, and have between 2 and 4 levels. Your apprenticeship hours can also count toward your high school credits (110 hours are equal to 1 credit). If you would like to do this, you need to fill out the paperwork with **Ms. Davison**.



Apprenticeship Manitoba

Manitoba Trades

Agricultural Equipment Technician (\$26.00)

Aircraft Maintenance Journeyperson (\$24.00)

Automotive Painter (\$23.00)

Automotive Service Technician (\$22.00)

Boilermaker (\$40.00)

Bricklayer (\$32.75)

Cabinetmaker (\$18.00)

Carpenter (\$21.00)

CNC Machinist (\$25.00)

Concrete Finisher (\$25.00)

Construction Craft Worker (\$18.00)

Construction Electrician (\$28.00)

Cook (\$12.00)

Crane and Hoisting Equipment Operator (\$31.78) Machinist (\$25.00)

Diesel Engine Mechanic (\$26.00)

Electric Motor System Technician (\$24.77)

Electrologist (\$14.00)

Esthetician (\$14.00)

Floorcovering Installer (\$18.00)

Gas Turbine Repair and Overhaul Technician

(\$24.00)

Gasfitter (\$27.00 in Canada. N/A for MB)

Glazier (\$20.00)

Hairstylist (\$14.00)

Heavy Duty Equipment Technician (\$26.00)

Industrial Electrician (\$32.00)

Industrial Mechanic (Millwright) (\$29.73)

Instrumentation and Control Technician (\$38.00

for Canada, N/A for MB)

Insulator (Heat and Frost) (\$28.00 for Canada,

N/A for MB)

Ironworker (Generalist) (\$28.48)

Landscape Horticulturist (\$28.50 for Canada,

N/A for MB)

Lather (Interior Systems Mechanic) (\$20.00)

Marine and Outdoor Power Equipment

Technician (\$19.05)

Motor Vehicle Body Repairer (Metal and Paint)

(\$23.00)

Painter and Decorator (\$19.32)

Partsperson (\$22.00)

Plumber (\$32.00)

Pork Production Technician (\$19.91 for Canada,

Trade (median wage in MB)

N/A for MB)

Pre-Engineered Building Erector (\$28.48)

Railway Car Technician (\$26.44)

Recreation Vehicle Service Technician (\$20.00 for

Canada, N/A for MB)

Refrigeration and Air Conditioning Mechanic

(Commercial) (\$27.53)

Rig Technician (\$33.80)

Roofer (\$20.00)

Sheet Metal Worker (\$25.85)

Sloped Roofer (\$20.00)

Sprinkler System Installer (\$35.00 for Canada,

N/A for MB)

Steamfitter-Pipefitter (\$35.00 for Canada, N/A

for MB)

Tool and Die Maker (\$22.04)

Transport Trailer Technician (\$22.00)

Truck and Transport Mechanic (\$22.00)

Water and Wastewater Technician (\$21.50)

Welder (\$20.40)

**All wages taken from jobbank.gc.ca

Post-High Programs at Tec Voc and R. B. Russell

Consider these if: You are interested in a trade but do not have enough experience to be hired/are not able to find an apprenticeship position. The Post-High programs will provide you with the education portion of the Level 1 apprenticeship certification, making you a more desirable applicant to employers.

Program Highlights:

Tec Voc and R. B. Russell offer many **FREE** programs for Grade 12 graduates of the Winnipeg School Division, all of which lead to either directly entering the work force or toward entering apprenticeships.

Post-High Program Options:

R. B. Russel: https://www.winnipegsd.ca/RBRussell

R. B. Russel is currently reviewing its programs and deciding which ones will still be offered as post-high programs. Come see the career intern or call the school directly to ask about specific programs at: <u>204-589-5301</u>

Tec Voc: https://www.winnipegsd.ca/TechnicalVocational

Important dates

• March 1: deadline for Special Entrance Scholarship (U of W) and General Entrance (U of M & USB)

Admission

- July 2nd: Admission into U of W
- July 1st: Université de Saint.Boniface
- August 1st: Admission into U of M (U1)