

PLNT 0410

Crop Production Principles and Practices

Course Syllabus



Course Details

Course Title: Crop Production Principles and Practices

Course Number: PLNT 0410

Term: Fall: 2023

Credit Hours: 4 credits

Pre-requisites: None

Class Times & days: M, W, F 12:30-1:20

Class location: 130 Agriculture

Lab times, days, location

- 11:30 – 12:45 Tuesday, 343 Agriculture
- 1:00 - 2:15 Tuesday, 343 Agriculture
- 11:30-12:45 Thursday, 343 Agriculture

Course Description

U of M Course Calendar Description

This course provides a broad understanding of the principles and practices of crop production. The importance of crop production for western Canada and for worldwide food production. Constraints, challenges, and opportunities will be explored. The course will cover crop plant biology and provide an introduction to agronomic management practices for Manitoba crop production. Topics will include crop rotation, cultivar selection, tillage, seeding, fertilizer, pest control, precision agriculture and bio security.

Course Goals:

- To introduce students to crop production principles and practices in western Canada
- To determine where to find and use unbiased information that will aid in making crop production decisions
- To understand how our major crops are used and major importers of these crops
- To demonstrate effective agronomic and management practices
- To illustrate the major pests (weeds, diseases, and insects) that can affect these crops and how to manage these pests in an economically and environmentally sustainable manner
- To design a crop rotation that maximizes economic and environmental sustainability

The information provided in this course is critical for completion of the Farm Management Plan, which serves as the capstone activity of the Agriculture Diploma program. This course is also crucial for those who wish to work as farmers, agronomists, or in other industry roles.

Course Learning Outcomes

On completion of this course, students should be able to:

- Explain briefly how crop production in Canada affects worldwide food production
- Describe the agronomic methods to produce the main crops in western Canada
- Find and use unbiased information that will aid in making crop production decisions
- Explain and discuss the crop production constraints in western Canada
- Apply problem-solving skills to formulate plans to deal with crop production problems

Dr. Lawley Contact Information

Dr. Yvonne Lawley, Associate Professor, Department of Plant Science
My preferred form of address during this course is Dr. Lawley
Pronouns: she/her

Email: Yvonne.Lawley@umanitoba.ca

I will return email within 48 hours Monday to Friday

Office location: 109 Plant Science Building

Office Phone: 204-474-6504

I will return your phone call within 48 hours Monday to Friday.

Office Hours: by appointment

Students frequently have questions during this first year course. I am available to answer quick questions from students after class. If you have many in-depth questions about course material or have a question involving a personal matter, please set up an appointment time by email so that I can give you my full attention. I also meet with students on an “open door” basis. If my office door is open and you have a question, knock and inquire if I have time to speak with you. Before class starts, please respect that I need time to prepare for lecture. You are welcome to ask me a quick question before lecture if the answer is needed by you or the entire class during the lecture period (eg. class announcements, errors in notes from last class). Many questions can be answered by consulting the course syllabus and announcements page on UMLearn.

Dr. Duncan Contact Information

Dr. Robert Duncan, Professor, Department of Plant Science
My preferred form of address during this course is Dr. Duncan
Pronouns: he/him

Email: rob.duncan@umanitoba.ca

I will normally respond to an email within 24 hours.

Office location: 305 Agriculture Building

Office Hours: by appointment

The best way to discuss the course and course material is by making an appointment through email and setting up a time to meet that works for both of us. I am generally in my office, 305 Ag, from 8:30 a.m. - 5:00 p.m. daily and am easily available with a prior appointment. To make an appointment, email me at rob.duncan@umanitoba.ca. Please feel free to talk to me about any issue relating to the course. Please start this process early in the semester. Far too often, students leave their questions and concerns until after their grade is lower than expected. I encourage you to discuss the course or course material frequently over the course of the semester.

Course Materials

Textbooks

There are no required textbooks for this course

Technology

It is a requirement that you have all hardware, software, and connection ability necessary to successfully operate UM Learn. Course material, grades and communication will occur using UM Learn.

We will also be using iClicker Cloud for participation and practice. Thus, you will need to have device (smartphone, tablet, laptop) with the iClicker student app with you each class.

UMLearn

Course materials will be made available through UMLearn. You can access UMLearn at www.umlearn.ca. Scroll down the page until you see the “My Courses” widget where each course is represented by an image. Alternatively, search for PLNT 0410. Click on the image or course name to access the course. Detailed instructions with screenshot are available once you log into UMLearn under Support/Getting Started. You are expected to respect the copyright of all material used within the UMLearn for this course.

iClicker

You will need to install iClicker Student on your smartphone, tablet, or computer to participate in class. iClicker is free of charge for UM students and you are required to use your myumanitoba email address to create your iClicker account and participate in class. Instructions to install and setup iClicker are available on UMLearn and at this [link](#). The software is available for free at <https://www.iclicker.com>

Course Schedule

This schedule is subject to change at the discretion of the instructor

Unit	Dates	Topics	Instructor	Assessment
1	Sept 11 – Sept 25	Crop Production Information Sources and On-farm research	Lawley	Unit Test 1
		Natural Resources for Crop Production		
		Crop Production trends and feeding a hungry world		
	Sept 27	Unit Test 1		
2	Sept 29- Oct 20	Planning for a successful season	Lawley	Unit Test 2
		Soybean Production		
		Corn Production		
		Intercropping		
		Cover Crops		
	Oct 23	Unit Test 2		
3	Oct 25 – Nov 17	Variety Selection	Duncan	Unit Test 3
		Seed Production		
		Biosecurity		
		Spring and Winter Wheat Production		
4	Nov 22 – Dec 6	Biotechnology	Duncan	Unit Test 4
		Canola Production		
		Pulse Production		
		Dec 8		

Nov 21 Last Date for Voluntary Withdrawal

No class on:

October 2 (National Day for Truth and Reconciliation)

October 9 (Thanksgiving)

October 11 (Diploma Experiential Learning)

October 30

November 1

November 13-17 (Fall term break)

Course Evaluation and Assessments

ITEM	VALUE	SCHEDULE
Class Participation (iClicker Questions)	10%	Each class, see rubric below under assignment description
Lab	30%	See Lab Evaluation (below)
Unit Tests	60%	4 unit tests @ 15% each on: Sept 27, Oct 23, Nov 20, Dec 8

Class Participation iClicker questions: Class participation will be evaluated using iClicker Cloud. iClicker questions will be asked in almost every class. Have your device and ready to go at the start of each class. If you are late or do not attend class you will miss iClicker questions. For each question asked students will receive one point for answering the question and one point for answering correctly. The iclicker grade will be determined as the sum of all questions asked during lectures and weighted according to the points earned for each question. Students that receive at least 80% of the iclicker points will receive 10/10, those with 70-79% of the points will receive 9/10, those with 60-69% of the points will receive 8/10, those with 50-59% of the points will receive 7/10, those with 40-49% of the points will receive 6/10, and those with less than 40% of the iclicker points will get 0/10. For any iclicker session where more responses are registered than students are present, ALL students will receive a grade of 0.

Unit Tests: Unit tests will be used to assess student learning from course material covered during lecture. Unit tests cover material within each unit (see lecture schedule) and will not be cumulative. Questions types will include multiple choice, matching, true and false, calculations, and short answer questions. Unit tests will occur during scheduled lecture periods and be used in place of mid-term and final exams. Feedback on unit test will be provided when they are returned in class. Grades for two units tests will be provided to students prior to the voluntary withdrawal date.

Grading

All of your assignments and tests will be calculated as a percentage and converted into a grade point. Your final grade point will be determined by where your calculated grade point fits into the grade point range.

Letter Grade	Percentage out of 100	Final Grade Point
A+	90-100	4.5
A	80-89	4.0
B+	75-79	3.5
B	70-74	3.0
C+	65-69	2.5
C	60-64	2.0
D	50-59	1.0
F	Less than 50	0

Labs

Lab Instructors

- Dayna Wozny (Tuesday) woznyd@umanitoba.ca
- Adam Kozuska (Thursday) kozuskaa@umanitoba.ca

Purpose

Labs in this course are organized as supplementary tutorial sessions, to cover in greater detail material only touched on during lectures and to give students the chance to apply theoretical concepts to practical questions. Students will also perform and write a report on a pot experiment designed to test the effect of seed-placed fertilizers.

Expectations

- **All labs are mandatory**
- Print and Read lab notes posted on UMLearn prior to attending the lab
- Two questions from weekly lab notes are due at the beginning of each laboratory period
- You will receive a participation score of 0 for each lab that is missed
- All lab assignments and tests must be written independently
- Be respectful to your Teaching Assistant.
- Students are encouraged to seek help from their Teaching Assistant outside of the lab period

Lab Materials

Lab notes and assignments will be posted on UMLearn. Students must print and bring these notes to lab. Students are expected to read lab notes prior to lab.

Lab Evaluation

Lab is worth 30% of the course marks. Missing two labs will result in a lab grade of zero. A passing grade in the lab must be achieved to pass the entire course. Feedback on lab tests and assignments will be provided when returned in lab.

ITEM	VALUE*	SCHEDULE
Lab Participation	10%	Each class
Lab Report	30%	Due at beginning of Lab 6 (Week of Nov 6)
Lab Test 1	30%	Week of October 23
Lab Test 2	30%	Week of November 27

Lab Assignments

Pre-lab Questions – two pre-lab questions due at the beginning of each lab period for labs 1-6. The questions are found on the first page of the lab notes. Hand in a paper copy of your answers at the start of your lab period. Late pre-lab questions will not be accepted.

The **Lab Report** is an individual term assignment that will describe a pot experiment conducted in the greenhouse. Students will record weekly observations from the experiment in the greenhouse and summarize the results in the form of a crop scouting report. Lab reports are due in lab the week of Nov 6th.

Lab Tests will be used to assess student learning from lab material covered during the labs section of the course. Lab tests will not be cumulative. Questions types will include multiple choice, matching, True and False, calculations, and short answer questions. Unit tests will occur during scheduled lab periods the week of Oct 23 and Nov 27. Feedback on lab test will be provided when they are returned in lab.

Lab Schedule

Week of	Lab #	Topic	Pre-Class Preparation	Evaluation
Sept 11		No Labs		
Sept 18		Introductory Lab and Plant Experiment	Review lab section of course syllabus	
Sept 25	1	Crop Emergence and Flowers of Grass Plants	Lab 1 Notes Pre-Lab Questions	LAB Test 1
Oct 2	2	Diseases of Field Crops	Lab 2 Notes Pre-Lab Questions	LAB Test 1
Oct 9		No Labs		
Oct 16	3	Seed Quality and Grain Grading	Lab 3 Notes Pre-Lab Questions	LAB Test 1
Oct 23		LAB Test 1		
Oct 30	4	Fertilizer Rates/Application Methods	Lab 4 Notes Pre-Lab Questions	Lab Test 2
Nov 6	5	Calibration of Seeders and Sprayers and Chemical Safety *Lab Report due*	Lab 5 Notes Pre-Lab Questions	Lab Test 2
Nov 13		No Labs		
Nov 20	6	Oilseeds: Oil and Crop Staging	Lab 6 Notes Pre-Lab Questions	Lab Test 2
Nov 27		Lab Test 2		
Dec 4		No Labs		

Expectations

Expectations of students

- Attend class regularly. Lectures will be held every MWF, 12:30- 1:20am. Attendance is expected and participation grades will be assigned based on responses to classroom iClicker questions.
- In class and lab make an effort to respond to questions and join in on class discussions.
- Attend each and every lab.
- Contact the professor or lab TA if you are unclear on a topic.
- Contact the professor or lab TA if you there is an error in grading.
- Treat professors and Lab TAs Teaching Assistant and all your classmates with respect. See [Respectful Work and Learning Environment Policy](#). This includes no texting or social media during class.
- Complete all lab reports, assignments, quizzes and exams individually.
- Complete all tests and assignments individually.
- Follow policies on Class Communication, Academic Integrity, and [Respectful Work and Learning Environment](#).

Expectations of professors

- Arrive before class and stay after class to answer any questions you may have.
- Explain and provide examples listed in the class schedule.
- Make sufficient time outside of class to meet with students and make sure course material is clear.
- Provide an unbiased grading scheme.
- Return all graded assignments and exams within 2 weeks of the due date.
- Help you succeed in PLNT 0410 and your diploma.

Course Policies

Academic Integrity

Each student in this course is expected to complete their coursework and programs of study with integrity by making a commitment to the six fundamental values of honesty, trust, fairness, respect, responsibility, and courage. Plagiarism, duplicate submission, cheating on quizzes, tests, and exams, inappropriate collaboration, academic fraud, and personation are violations of the Student Discipline Bylaw and will lead to the serious disciplinary action. Visit the Academic Calendar, Student Advocacy, and Academic Integrity web pages for more information and support

In this course, you are expected to reference the work of others that you have used and completing your assignments independently. For lab exercises where you are encouraged to work in a group or team, ensure that your assignment written in your own words. All tests must be your own work.

Accessibility

The University of Manitoba is committed to providing an accessible academic community. [Students Accessibility Services \(SAS\)](https://umanitoba.ca/student-supports/accessibility) (<https://umanitoba.ca/student-supports/accessibility>) offers academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g., mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

520 University Centre

(204) 474-7423

Student_accessibility@umanitoba.ca

Attendance

Students are expected to attend lecture and lab. Students who are absent from class or lab due to health or other compassionate reasons are expected to get notes from a peer in the class. It is recommended that students make these arrangements at the start of the term in advance of the absence. On occasion if you are unable to attend your lab section, you may inquire with the lab instructor in advance if you could attend an alternative section.

Assignment Extension and Late Submission

- Students are expected to make every effort possible to submit required work by the due date.
- Students who fail to submit work on time and do not ask for an extension in advance of the due date are subject to the late assignment penalty. The penalty is a 10% per day reduction in the value of the student's grade for up to five days. After that point, the work is worth zero percent.
- Students who are not able to submit assignments on time due to a health, compassionate, or religious reasons need to contact their professor or lab instructor in advance of the due date and submit a [self declaration form](#).
- Students requiring extension due to stress, anxiety, disability, mental illness, are encouraged to contact Student Accessibility and/or their student advisor.
- If you are sick during the term, you must follow the University Policy for [Self-Declaration for Brief and Temporary Student Absences](#). <https://umanitoba.ca/student-supports/academic-supports/student-advocacy/self-declaration-policy-students#policy-definition-and-self-declaration-form>

The following factors do not constitute extenuating circumstances for extensions or late submission:

- Technical problems with personal computers will not be considered a valid reason for the late submission of assignments. Crashes, lockups, lost data and printing difficulties are an unavoidable aspect of using a computer and should be anticipated and planned for.

- Assessment tasks in other subjects: students are given fair notice of assessment due dates and are expected to manage their time in order to meet the set deadlines. This specifically includes assessment resulting from an approved overload.
- Employment responsibilities and routine financial support needs: only in very exceptional circumstances would students be eligible for extensions for work commitments (for example, an unplanned, urgent and unavoidable overseas work task for a professional full-time worker studying part-time).
- Social activities and commitments: social activities (for example, recreational travel, planned events such as weddings, or participation in a University play) are expected to be undertaken and managed by students without interfering with their ability to fulfil assessment tasks.

Missed Tests

If a student missed a scheduled test in lecture, the value of the missed test will be credited to their next test. Students that miss the last lecture test will be required to write a cumulative test scheduled with the professor during the final exam period. Students who miss lecture or lab tests due to health, compassionate, or religious reasons need to contact their professor or lab instructor by email in advance of the due date and submit a University of Manitoba [self declaration form](#).

Class Communication

All communications with professors and lab TAs must comply with the electronic communication with student policy:

http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account and UMLearn for all communication between yourself and the university.

Recording Class Lectures

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission from the professor or Lab TA.

Referencing Style

Many different referencing styles are used within the different scientific disciplines studied within the field of agriculture. For this course, you will be expected to use the Council of Science Editors (CSE) style. A CSE style guide is Available on UMLearn. If you have questions about referencing or using style for referencing you can consult your professor, lab TA, or the Agriculture Librarian, Ryan Schultz [Ryan Schultz - LibGuides at University of Manitoba \(umanitoba.ca\)](#).

Technology Use

Technology such as computers, tablets, and smart phones are welcome in the class and lab when used in a responsible, efficient, ethical and legal manner. The student can use technology during classes and labs only for educational purposes approved by instructor and/or the

University of Manitoba Student Accessibility Services. Students should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during the scheduled class/lab times. If a student is on call (emergency) the student should switch his/her cell phone and/or notifications off. (©S Kondrashov. Used with permission).

Using Copyrighted Material

Please respect copyright. We will use copyrighted content in this course. I have ensured that the content I use is appropriately acknowledged and is copied in accordance with copyright laws and university guidelines. Course materials copyrighted by (Yvonne Lawley and Robert Duncan, 2023). Copyrighted works, including those created by me, are made available (both paper, digital) for private study and research and must not be distributed in any format without permission. Do not share course materials (e.g., notes, exam questions, assignment instructions, article) that have been created by the instructor or were authored by another person. Unpermitted sharing of such materials with your peers or with note-sharing companies, such as One Class, Course Hero, or Chegg (or other similar websites), is a violation of Copyright Law. Violation of these and other Academic Integrity principles, will lead to serious disciplinary action. *For more information, see the [University’s Copyright Office website](http://umanitoba.ca/copyright/) (<http://umanitoba.ca/copyright/>) or contact um_copyright@umanitoba.ca.*

UM Policies

As a student at the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The University of Manitoba (UM) website’s [Governing Documents](https://umanitoba.ca/governance/governing-documents) (<https://umanitoba.ca/governance/governing-documents>) is one important source of information, in particular the Academic and Students sections. The Student Advocacy office can also help you understand policies and procedures; find their information in the UM Learner Supports section below.

Academic Calendar

The [Academic Calendar](https://umanitoba.ca/registrar/academic-calendar) (<https://umanitoba.ca/registrar/academic-calendar>) is the University’s official publication containing course descriptions, program and graduation requirements, as well as UM and faculty/school-specific rules, regulations and policies. In particular, familiarize yourself with the sections *University Policies and Procedures* and *General Academic Regulations*.

Academic Integrity

In addition to reviewing your instructor's academic integrity policy listed in their syllabus, you are expected to view the *General Academic Regulation* section within the [Academic Calendar](https://umanitoba.ca/registrar/academic-calendar) (<https://umanitoba.ca/registrar/academic-calendar>) and specifically read the regulation pertaining to Academic Integrity. Ask your instructor for additional information about demonstrating academic integrity in your academic work, and consult the following UM resources for more information and support:

- [Academic Integrity](https://umanitoba.ca/student-supports/academic-supports/academic-integrity) (<https://umanitoba.ca/student-supports/academic-supports/academic-integrity>)
 - [Student Resources](https://umanitoba.ca/student-supports/academic-supports/academic-integrity#resources-to-conduct-academic-work-with-integrity) (<https://umanitoba.ca/student-supports/academic-supports/academic-integrity#resources-to-conduct-academic-work-with-integrity>)
 - [Academic Misconduct and How to Avoid It](https://umanitoba.ca/student-supports/academic-supports/academic-integrity#academic-misconduct-and-how-to-avoid-it) (<https://umanitoba.ca/student-supports/academic-supports/academic-integrity#academic-misconduct-and-how-to-avoid-it>)
- [Student Advocacy Office](https://umanitoba.ca/student-supports/academic-supports/student-advocacy) (<https://umanitoba.ca/student-supports/academic-supports/student-advocacy>)

Copyright

All students are required to respect copyright as per Canada's *Copyright Act*. Staff and students play a key role in the University's copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The [Copyright Office](https://umanitoba.ca/copyright/) (<https://umanitoba.ca/copyright/>) provides copyright resources and support for all members of the University of Manitoba community.

Grade Appeals

If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the [Registrar's Office](https://umanitoba.ca/registrar/grades/appeal-grade) (<https://umanitoba.ca/registrar/grades/appeal-grade>) for more information including appeal deadline dates and the appeal form.

Intellectual Property

For information about rights and responsibilities regarding intellectual property view the [Intellectual Property Policy](https://umanitoba.ca/governance/governing-documents/governing-documents-university-community#intellectual-property) (<https://umanitoba.ca/governance/governing-documents/governing-documents-university-community#intellectual-property>)

Program-Specific Regulations

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective [faculty/college/school](#) website (<https://umanitoba.ca/academics>).

Respectful Work and Learning Environment

The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected to conduct yourself in an appropriate and respectful manner. Policies governing UM community behaviour include:

- [Respectful Work and Learning Environment](https://umanitoba.ca/about-um/respectful-work-and-learning-environment-policy) (<https://umanitoba.ca/about-um/respectful-work-and-learning-environment-policy>)
- [Student Discipline](https://umanitoba.ca/governance/governing-documents-students#student-discipline) (<https://umanitoba.ca/governance/governing-documents-students#student-discipline>)
- [Violent or Threatening Behaviour](https://umanitoba.ca/governance/governing-documents-students#violent-or-threatening-behaviour) (<https://umanitoba.ca/governance/governing-documents-students#violent-or-threatening-behaviour>)

The UM website, [Engaging in Respectful Conduct](https://umanitoba.ca/student-supports/respectful-conduct) (<https://umanitoba.ca/student-supports/respectful-conduct>), includes more details about expectations for behaviours related to university activities.

Sexual Violence Policies

The UM has several policies and procedures that deal with the rights and responsibilities of the University community with regards to all forms of sexual violence. For a comprehensive list of policies and associated resources, visit the [Sexual Violence Resource Centre's information page](https://umanitoba.ca/sexual-violence) (<https://umanitoba.ca/sexual-violence>). Please note that there are many supports available in addition to these policy documents (see UM Learner Supports).

Voluntary Withdrawal

Voluntary withdrawal (VW) is a way for students to leave a class without academic penalty once the Registration Revision Period has ended. If you opt to voluntarily withdraw from a course, you will not be eligible for a refund and, if applicable, will still be required to pay any outstanding tuition fees for the course. On your transcript, the course you have withdrawn from will be listed; however, "VW" will appear in lieu of a grade. If you do not drop a course before the VW deadline, you will receive a final grade in the course on your transcript.

Please note that there are separate deadlines for dropping a course early in a term during the Registration Revision Period. Dropping a course means you are removing that course from your schedule, will not be charged tuition fees for that course, and the course will not appear on your transcript.

The Registrar's Office website, [Withdraw from a Course](https://umanitoba.ca/registrar/withdraw-course) (https://umanitoba.ca/registrar/withdraw-course), includes more information on the different ways in which you can withdraw from a course and important dates and deadlines to do so.

UM Learner Supports

Below you will find a select list of important supports for learners at the UM, both academic supports and otherwise. For a complete listing of all learner supports at the University of Manitoba, visit the [Everything You Need to Thrive](https://umanitoba.ca/student-supports) (https://umanitoba.ca/student-supports) website.

2SLGBTQIA+ Community

Find your queer community on campus! UM is committed to being an inclusive and welcoming space for all 2SLGBTQ+ students, staff and faculty. Visit the [2SLGBTQ+ Community](https://umanitoba.ca/2slgbtq-community) (https://umanitoba.ca/2slgbtq-community) website to access services, find resources, and connect with like-minded people and allies.

Academic Advising

Contact an [Academic Advisor](https://umanitoba.ca/student-supports/academic-supports/academic-advising) (https://umanitoba.ca/student-supports/academic-supports/academic-advising) for support with degree planning and questions about your academic program and regulations.

Academic Learning Centre (ALC)

The [Academic Learning Centre](https://umanitoba.ca/student-supports/academic-supports/academic-learning) (https://umanitoba.ca/student-supports/academic-supports/academic-learning) offers one-to-one tutoring, groups study sessions and workshops, as well as video and tip-sheet resources to help you throughout your academic program. All Academic Learning Centre programming, supports, and services are free for UM students.

Make an appointment for [free one-to-one tutoring](https://umanitoba.ca/student-supports/academic-supports/academic-learning/tutoring-group-study#individual-tutoring) (https://umanitoba.ca/student-supports/academic-supports/academic-learning/tutoring-group-study#individual-tutoring). Content tutors (over 90 UM courses) can help you understand concepts and learn problem-solving strategies. Study skills tutors can help you improve your skills such as time management and goal setting, reading and note-taking, as well as learning and test-taking strategies. Writing tutors can give you feedback on your academic writing, whether you are just getting started on a written assignment or already have a draft. English as an Additional Language specialist, Antoanela Denchuk, is available for one-to-one tutoring to help you improve your English-language academic writing skills. Use the drop-down menu, read the tutor biographies, and

make an appointment for tutoring on the [Academic Learning Centre schedule](https://manitoba.mywconline.com/) (<https://manitoba.mywconline.com/>).

Attend [Supplemental Instruction \(SI\)](https://umanitoba.ca/student-supports/academic-supports/academic-learning/tutoring-group-study) (<https://umanitoba.ca/student-supports/academic-supports/academic-learning/tutoring-group-study>) sessions in historically difficult courses (including Chemistry, Engineering, and Computer Science). These free weekly review sessions are facilitated by a peer mentor who has previously taken the course and provide an opportunity to discuss course content, ask questions, compare notes, solve practice problems, and develop study strategies. See online for a list of SI courses and meeting times.

Register for an [Academic Success Workshop](https://umanitoba.ca/student-supports/academic-supports/academic-learning/academic-success-workshops) (<https://umanitoba.ca/student-supports/academic-supports/academic-learning/academic-success-workshops>), where you can learn strategies to improve your writing and studying. More information on topics, dates, and registration, are found online.

Register for [Faculty of Graduate Studies Grad Steps Workshops](https://umanitoba.ca/graduate-studies/student-experience/graduate-student-workshops) (<https://umanitoba.ca/graduate-studies/student-experience/graduate-student-workshops>). These workshops are specifically designed for students working towards Master's degrees or PhDs. More information on topics, dates, and registration can be found online.

Access the Academic Learning Centre's collection of [videos and tip sheets](https://umanitoba.ca/student-supports/academic-supports/academic-learning#tip-sheets-for-writing-and-study-skills) (<https://umanitoba.ca/student-supports/academic-supports/academic-learning#tip-sheets-for-writing-and-study-skills>) to help you with many of the academic tasks you'll encounter in university.

Contact the Academic Learning Centre by calling 204-480-1481 or emailing academic_learning@umanitoba.ca. Bannatyne students can contact the Bannatyne Student Services office at 204-272-3190.

Basic Needs

It can be difficult to learn and succeed in courses when you are struggling to meet your or your family's basic needs. Several UM and community resources are listed below if you would benefit from support with regards to housing, food, finances, and/or childcare:

- *Housing*
 - [UM Housing](https://umanitoba.ca/housing) (<https://umanitoba.ca/housing>)
 - [Manitoba Residential Tenancies Branch](https://www.gov.mb.ca/cca/rtb/) (<https://www.gov.mb.ca/cca/rtb/>)
 - [HOPE End Homelessness Winnipeg Services & Supports](https://umanitoba.ca/housing) (<https://umanitoba.ca/housing>)
- *Food*
 - [U of M Food Bank](https://umanitoba.ca/financial-aid-and-awards/u-m-food-bank) (<https://umanitoba.ca/financial-aid-and-awards/u-m-food-bank>)
 - [Food Matters Manitoba](https://foodmattersmanitoba.ca/) (<https://foodmattersmanitoba.ca/>)
- *Finances*
 - [UM Financial Aid and Awards](https://umanitoba.ca/financial-aid-and-awards) (<https://umanitoba.ca/financial-aid-and-awards>)

- [Manitoba Student Aid](https://www.edu.gov.mb.ca/msa/) (https://www.edu.gov.mb.ca/msa/)
- *Child Care*
 - [UM Child Care](https://umanitoba.ca/about-um/child-care) (https://umanitoba.ca/about-um/child-care)
 - [Manitoba Child Care Subsidy](https://bit.ly/3yG3ijy) (https://bit.ly/3yG3ijy)
 - [Manitoba Child Care Association](https://mccahouse.org/looking-for-child-care/) (https://mccahouse.org/looking-for-child-care/)

English Language Centre

The [English Language Centre \(ELC\)](https://umanitoba.ca/english-language-centre) (https://umanitoba.ca/english-language-centre) provides courses, tests, accommodations and individual support to students whose first language is not English in order to support academic success and participation in the University of Manitoba community.

Health and Wellness

Physical, mental, emotional, and spiritual health and wellness play a critical role in student success. See all of UM's resource on their [Health and Wellness](https://umanitoba.ca/student-supports/student-health-and-wellness) (https://umanitoba.ca/student-supports/student-health-and-wellness) website, and make note of several specific UM and community supports listed below.

Winnipeg Urgent Physical and Mental Health Care

If you are an adult experiencing a mental health or psychosocial crisis, contact the [Klinik Community Health](https://klinik.mb.ca/crisis-support/) (https://klinik.mb.ca/crisis-support/) 24/7 crisis line at 204-786-8686, visit the [Crisis Response Centre](https://sharedhealthmb.ca/services/mental-health/crisis-response-centre/) (https://sharedhealthmb.ca/services/mental-health/crisis-response-centre/) located at 817 Bannatyne Avenue, or contact the Mobile Crisis Service at 204-940-1781.

To speak with a nurse for guidance on what health-care path to take for the issue you are facing or for general information about health resources available in Manitoba, contact [Health Links](https://misericordia.mb.ca/programs/phcc/health-links-info-sante/) (https://misericordia.mb.ca/programs/phcc/health-links-info-sante/) at 1-888-315-9257 (toll free).

If you need urgent medical care, visit the Winnipeg Regional Health Authority's [Emergency Department & Urgent Care Wait Times](https://wrha.mb.ca/wait-times/) webpage (https://wrha.mb.ca/wait-times/) for a list of locations and current wait times.

Student Counselling Centre (SCC)

The [Student Counselling Centre](https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc) (https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc) provides free counselling and mental health support to UM, English Language Centre, and International College of Manitoba (ICM) students. We are open year-round, Monday through Friday from 8:30 am to 4:30 pm. Our commitment is to offer a support service to every student who contacts us.

Visit the SCC's [For Urgent Help](https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc#for-urgent-help) (https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc#for-urgent-help) webpage or the urgent care resources listed above if you require immediate support.

Visit the SCC's [Our Services](https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc#for-urgent-help) (https://umanitoba.ca/student-supports/student-health-and-wellness/student-counselling-centre-scc#for-urgent-help) webpage for more information on accessing a variety of services including individual counselling, counselling workshops and groups, support resources, and learning disability assessment services.

The SCC is located is located at 474 UMSU University Centre (Fort Garry Campus).

Health and Wellness Office

Students often juggle multiple demands, and we recognize that it can be difficult to find balance. For any changes you want to make to your health and wellness, the Health and Wellness Office at the University of Manitoba would like to support you in your journey. We are here to help you take control of your own health and make your own decisions. We are a judgment-free space and we avoid labels whenever possible. For more information, please visit the [Health and Wellness Office](https://umanitoba.ca/student-supports/health-wellness) (https://umanitoba.ca/student-supports/health-wellness) website.

Spiritual Care and Multifaith Centre

Spiritual care services are available to all, whether you identify as spiritual, atheist, religious or agnostic. [Spiritual Services](https://umanitoba.ca/student-supports/spiritual-services) (https://umanitoba.ca/student-supports/spiritual-services) also offer specific denominational support for certain religious groups and by Indigenous Elders-in-Residence.

Student Support Case Management (SSCM)

Contact the [Student Support Case Management team](https://umanitoba.ca/student-supports/academic-supports/student-advocacy/case-management) (https://umanitoba.ca/student-supports/academic-supports/student-advocacy/case-management) if you are concerned about yourself or another student and don't know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

University Health Service (UHS)

The [University Health Service](https://umanitoba.ca/student-supports/health-wellness/university-health-service) (https://umanitoba.ca/student-supports/health-wellness/university-health-service) offers a full range of medical services to students, including psychiatric consultation, via two health clinics:

- Fort Garry Campus: (204) 474-8411, ACW-Lot temporary trailer (behind the Isbister building)

- Bannatyne Campus: (204) 474-8411, P309 – Pathology Building

Student Services at Bannatyne Campus

Student Services at Bannatyne Campus (SSBC) offers a full range of mental health supports to students and residents in the Rady Faculty of Health Sciences, along with other academic and personal supports. Visit the [SSBC website](https://umanitoba.ca/student-supports/student-services-bannatyne-campus) (https://umanitoba.ca/student-supports/student-services-bannatyne-campus) for a list of services available.

Indigenous Students

Staff, faculty and Elders are well-equipped to ensure your university experience is as beneficial, accessible, and successful as possible. Visit the Indigenous [Student Experience](https://umanitoba.ca/indigenous/student-experience) (https://umanitoba.ca/indigenous/student-experience) website for more information on the supports and services available.

International Students

The transition to a new country and a new academic system can be both exciting and overwhelming. The International Centre (IC) is here to help you settle into life at University of Manitoba. Visit the [International Students](https://umanitoba.ca/current-students/international) website (https://umanitoba.ca/current-students/international) for more information.

Sexual Violence Support and Education

Sexual violence affects people of all ages, sexual orientations, genders, gender identities, abilities and relationship statuses. At the U of M, we are committed to ensuring a respectful work and learning environment for all. We want to build a safe and inclusive campus community where survivors of sexual violence know they can receive the supports they need to succeed, both academically and personally.

The [Sexual Violence Resource Centre](https://umanitoba.ca/sexual-violence) (https://umanitoba.ca/sexual-violence), located at 537 UMSU University Centre (Fort Garry campus) provides support, resources, information and referral services for any student, faculty or staff member who has been affected by sexual violence.

Student Accessibility Services (SAS)

The University of Manitoba is committed to providing an accessible academic community. [Student Accessibility Services](https://umanitoba.ca/student-supports/accessibility) (https://umanitoba.ca/student-supports/accessibility) offers academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g., mental health, learning, medical, hearing, injury-related, visual) are invited to contact SAS

to arrange a confidential consultation. SAS is located at 520 University Centre (Fort Garry Campus).

Student Advocacy

[Student Advocacy](https://umanitoba.ca/student-supports/academic-supports/student-advocacy) (https://umanitoba.ca/student-supports/academic-supports/student-advocacy) is a safe place for students. We help you navigate university processes and advocate for your rights as a student at UM. If anything in your personal or academic life is affecting your studies, contact our confidential intake assistant by phone (204-474-7423) or email (stadv@umanitoba.ca).

University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a key role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you have about the research process. Liaisons can be contacted by email or phone, and are also available to meet with you online or in-person. A [complete list of liaison librarians can be found by subject](http://bit.ly/WcEbA1) (http://bit.ly/WcEbA1).

General library assistance is also available at both the Bannatyne and Fort Garry campuses by [visiting any library location](https://www.umanitoba.ca/libraries/locations-and-facilities) (https://www.umanitoba.ca/libraries/locations-and-facilities). When working online, students can receive help via the Ask Us chat button found on the right-hand side of the [Libraries' homepage](http://www.umanitoba.ca/libraries) (http://www.umanitoba.ca/libraries).