

The University of Manitoba
STAT 3450 – Linear Models
Fall Term 2022

Course Outline

- Course Number & Title:** STAT 3450, Linear Models.
- Time, Location & CRN:** Tuesdays & Thursdays 11:30 a.m. – 12:45 p.m., 200 Armes. CRN: 19999.
- Instructor:** Dr. Saumen Mandal
Office: 328 Machray Hall, Department of Statistics.
E-mail: saumen.mandal@umanitoba.ca
Phone: (204) 474-9661
- Office Hours:** Tuesdays & Thursdays 10:00 a.m. – 11:00 a.m. Also ask me questions during lectures in the classroom.

If the above times are not convenient for you, please email me to arrange an alternate time to meet.
- Web Pages:** UM Learn: <http://umanitoba.ca/umlearn>
Statistics: <https://www.sci.umanitoba.ca/statistics>

Calendar Description

Least-squares approach to simple and multiple regression, one-way analysis of variance, two-way analysis of variance and related topics. May not be held with STAT 3000, the former STAT 3120, or the former STAT 3470.

Prerequisites: STAT 2150 and STAT 2400 and [one of MATH 1220, MATH 1300 (B), or MATH 1301 (B)].

Textbook and Course Materials

Applied Linear Statistical Models (ALSM) by M.H. Kutner, C.J. Nachtsheim, J. Neter, and W. Li. 5th Edition, McGraw-Hill Irwin, Boston. ISBN 0-07-238688-6.

[Another version of the textbook is: *Applied Linear Regression Models (ALRM)* by M.H. Kutner, C.J. Nachtsheim, and J. Neter. Fourth/special Edition, McGraw-Hill Irwin, Boston. ISBN-13: 9781307638028.]

Any of the above two books is okay. The first one, that is, ALSM may be available in some platforms with much cheaper price. You will just need to Google it by searching “*Applied Linear Statistical Models*”. So, first try ALSM!

The second one (ALRM) is available in electronic form (e-Book). Using the publisher’s online Create platform, I did it custom-made by deleting a few chapters (the chapters we do not need) so that you can

purchase at a reduced price. Create eBooks are available online or can be accessed offline in a downloadable format. Available format is VitalSource. Here are the instructions for purchasing this one.

Step 1. Go to: <https://campusebookstore.com/AccessCodes/AccessCodeBrowse.aspx?CODEID=38040>
(You may need to click this link again if the page does not appear after the first click).

Step 2: Purchase the Access Code.

Step 3: Go to: <https://create.mheducation.com/shop/#/catalog/details/?isbn=9781307744842>

Step 4: Click on Redeem Now (accede code box) and follow the steps to access your eBook. If you are a first time Create user, follow the remaining steps to complete the registration.

Here are some links for VitalSource and Access Code:

<https://support.vitalsource.com/hc/en-us/categories/360001056774>

<https://campusebookstore.com/About/AccessCodes.aspx>

However, as mentioned above, the ALSM (larger version of ALRM) may be available in some platform with much cheaper price. Just Google it with “*Applied Linear Statistical Models*”.

Detailed Lecture Notes and other materials (for example, assignments, data sets, SAS code) will be posted in UM Learn. I expect you to attend all the lectures so that you do not miss any information and you have a solid understanding of the course materials.

Statistical Software

SAS statistical software will be used to perform the statistical analysis throughout the course. You can have free access to SAS Studio with SAS OnDemand for Academics. This is a free cloud-based software for teaching and learning. No installation is required. After registering, you can start using SAS Studio in a web browser. Homepage of SAS OnDemand for Academics: https://www.sas.com/en_us/software/on-demand-for-academics.html
Frequently Asked Questions can be found at: https://support.sas.com/ondemand/caq_new.html

Instructions for Getting Started are given in the SAS web site. Here are the steps:

Step 1: Create and verify a SAS profile (use this link: <https://www.sas.com/profile/ui/#/create>) if you don't have one. If you do have one, just log in.

Step 2: Register (use this link: <https://welcome.oda.sas.com/login>) for SAS OnDemand for Academics using your SAS profile credentials.

Step 3: Once you receive a confirmation email, click the link to go to SAS OnDemand for Academics.

Step 4: Log in to access SAS Studio.

After all the steps, for your convenience, make a bookmark at: <https://welcome.oda.sas.com/login>

Please watch this YouTube video on Getting Started with SAS OnDemand:

<https://www.youtube.com/watch?v=tmL8fdOd-pI>

I will give a demo in the class. Instructions will be given in the class. Data sets and SAS code will be posted in UM Learn.

Assignments, Midterm Test and Final Exam

Assignments: The assignments will be conducted using the **Crowdmark** software, an online grading tool. You need to create a Crowdmark account (if you don't have one) at the web site: <https://crowdmark.com/> using

your U of M email. This email must be the same as you have in UM Learn. All assignments will be written by you on paper and then scanned (or taken a photo of your paper) and uploaded through a link you will be provided over email. Please make sure your scanned/photo pages are sharp and readable. I will provide the detailed information and instructions throughout the course.

There will be three assignments, each counting equally (10% each) toward your final grade. I will mention the tentative dates/weeks for the assignments. Assignments will include some theoretical problems and computing problems. The computing problems will involve some data analysis using SAS software. Whenever you answer a question using SAS, you must attach the output (highlight the appropriate sections and answer the questions using the output). Assignments are to be submitted to the Crowdmark link provided in your email by the due date and time. No late assignments will be accepted.

Midterm Test: There will be one in-class midterm test. The date for the test is October 27. If there is a change on this date, I will notify you well in advance. The syllabus for the midterm test will be the materials covered until October 20. There will be no make-up midterm test. Students who miss a test with legitimate reasons and notify me within 48 hours will have the midterm weight added to the final exam. Detailed instructions will be provided before the test.

Final Exam: The final exam will be of three hours in duration and will be scheduled by the Student Records Office. The final exam will cover the whole syllabus. Detailed instructions will be provided before the exam.

Both the midterm test and final exam are closed book. For both the test and exam, please note the following: (i) nonprogrammable handheld calculators are permitted (graphing calculators are not permitted), (ii) electronic devices, such as cell phones or headphones, are prohibited, (iii) statistical tables will be provided, if required, and (iv) a formula-sheet with selected formulas will be provided.

Inappropriate collaboration, plagiarism, or contract cheating of any kind will be dealt with severely and forwarded to the appropriate disciplinary committee.

Course Evaluation and Grading Scheme

The final mark for the course will be obtained from the following rule:

Assignments (3): 30% (10% each)
Midterm Test: 30%
Final Exam: 40%

Work should normally be graded and returned promptly. It is expected to return the graded materials (via Crowdmark) within two weeks of submission. Marks for the assignments and the midterm test will be posted on UM Learn gradebook. I will give you feedback after each assignment and midterm test.

The following are the minimum percentage grades required to receive the final grades:
A+ (90%), A (80%), B+ (75%), B (70%), C+ (65%), C (60%), D (50%), F (below 50%).

Goals and Course Contents

In the beginning, you will notice that we will be revisiting some topics that you have encountered in your previous courses. Then we will start advanced topics. Our primary goal will be to reinforce the fundamental concepts, and to have a solid understanding of linear models in both regression and analysis of variance perspective.

The following is a non-exhaustive list of topics to be covered in the course. Chapters 1 – 12 will be covered, if time permits.

1. Linear regression with one predictor variable.
2. Inferences in regression and correlation analysis.
3. Diagnostics and remedial measures.
4. Simultaneous inferences and other topics in regression analysis.
5. Matrix approach to simple linear regression analysis.
6. Multiple regression I.
7. Multiple regression II.
8. Regression models for quantitative and qualitative predictors.
9. Building the regression model I: Model selection and validation.
10. Building the regression model II: Diagnostics.
11. Building the regression model III: Remedial measures.
12. Autocorrelation in time series data.

We will also cover the following:

1. One-way Analysis of Variance.
2. Two-way Analysis of Variance.

If time permits, we will cover Analysis of Covariance.

I will provide detailed notes on all topics.

Important Dates

The following dates are important to how the course will progress throughout the term. The dates are tentative and subject to change at my discretion and/or based on the learning needs of the students.

Sept. 8: First lecture - course overview.

Sept. 20: Last date to drop Fall Term.

Oct. 27: Midterm Test.

Nov. 7 – 10: Fall Term Break (no classes).

Nov. 22: Voluntary withdrawal (VW) deadline.

Dec. 8: Last lecture.

Dec. 13 – 23: Final exam period.

Academic Integrity

I expect students to hold themselves to the highest standards of academic integrity. It is important that you understand what constitutes academic dishonesty and that you are familiar with the very serious consequences. Links to resources that describe academic dishonesty (including plagiarism, cheating, inappropriate collaboration, examination impersonation and typical penalties) can be found at:

https://www.umanitoba.ca/student/resource/student_advocacy/academicintegrity/students/a-to-i-what-is-academic-integrity.html

http://www.umanitoba.ca/student/resource/student_advocacy/academicintegrity/students/student-academic-misconduct-faq.html

<https://sci.umanitoba.ca/statement-on-academic-dishonesty/>

I expect you to be honest, conduct yourself with integrity, actively encourage your peers to conduct themselves with integrity, and uphold the value of what a degree from the University of Manitoba means. When you are in doubt, always consult with me. My door is always open for discussions. Bear in mind that what is considered a violation of academic integrity can vary from course to course so it is always important to ask and clarify.

Copyrighted Material

Please respect copyright. We may use copyrighted content in this course and ensure that the contents are appropriately acknowledged according to copyright laws and university guidelines. The course notes, assignments, tests and exams are the intellectual property of your instructor or the Department of Statistics. Reproduction or distribution of these materials is strictly forbidden without their consent. You do not have permission to upload any course notes, tests, assignments, or handouts to any note sharing websites. See the university's copyright website at <http://umanitoba.ca/copyright>.

Recording of Class Lectures

Your instructor and the University of Manitoba hold copyright over the course materials, presentations and lectures which form part of this course. 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 your instructor.

Respectful Behaviour and Use of Electronics in the Classroom

It is expected that you conduct yourself professionally and do not distract your fellow students with unnecessary or inappropriate chat messages, sounds, or images while in the classroom. It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. A student may use technology in the classroom setting only for educational purposes approved by the instructor and/or the University of Manitoba Accessibility Services. Students should not engage in electronic messaging/posting activities (e-mail, texting, video or voice chat, social networking (e.g. Facebook) or electronic gaming during scheduled class time.

Class Communication

The University requires all students to activate an official University email account. Please note that all communication between your instructor and you as a student must comply with the Electronic Communication with Students Policy. For more information, please see:

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 for all communication between yourself and the university.

Student Accessibility Services

If you are a student with a disability, please contact Student Accessibility Services (SAS) for 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. For more information, please see: <https://umanitoba.ca/student-supports/accessibility>

ROASS Schedule A

Schedule A of the Responsibilities of Academic Staff with regards to Students (ROASS) policies of the University of Manitoba lists resources and policies for students. It is important that you familiarize yourself with these resources and policies. Schedule A will be posted in UM Learn.

Finally, I would like to repeat that our primary goal will be to reinforce the fundamental concepts, and to have a solid understanding of linear models by the end of the course. Please feel free to ask me whenever you have problem understanding any of the materials. When you are in doubt on anything, please feel free to consult with me. Let us together make this course successful.

Please find some important information (Appendix for Course Syllabi) from the Faculty of Science in the following pages. In case, any link is missing, a separate pdf file is also posted in UM Learn. Some information may be repeated from the above.

Appendix For Fall 2022 Course Syllabi

How to succeed in your science courses?

The Faculty of Science is committed to delivering the high-quality education our students have come to expect. We also want to ensure that you set yourself up for success. We want you to succeed!

#1. Registration Revision Period: Use the Registration Revision Period to evaluate course syllabus. During the registration revision period you will be able to drop/add courses without any financial consequence. Speak directly with instructors if you have any questions specific to their course.

#2. Evaluate Workload: Take time to consider the workload associated with the course schedule you are planning. Be realistic about other commitments and distractions that are part of everyday life and make your course selection decisions accordingly. Please consider watching this presentation from the Academic Learning Centre for Managing Your Time Effectively. If you want to discuss anything, talk to an Academic advisor in your faculty – Academic advising.

#3. Commitment to Study: For an average course, you should aim to commit at least three hours of studying for every hour of lecture. Make sure you keep up with studying on a consistent basis.

#4. Reach Out for Help: If you experience issues learning the course material, reach out to your instructor, teaching assistants, supplemental instruction leaders or Academic Learning Centre for the course as soon as possible. Most content builds on previous content and deficiencies in understanding will cascade issues throughout the course. For questions about your degree program or if life stresses hinder your academic performance, contact your faculty's academic advisors immediately.

#5. Learn Efficiently, Learn to Take Notes: During the pandemic, many lectures were delivered asynchronously so students had a chance to review lecture videos when they did not catch something during the lecture. Lectures are delivered in-person this fall term therefore students will not have the luxury of rewatching a live lecture. Therefore, you may want to review some note-taking tips offered by the Academic Learning Centre which can help you learn efficiently.

LEARNER SUPPORT

Writing and Learning Support

The Academic Learning Centre (ALC) offers writing and learning supports to help you throughout your academic program. Make an appointment with an ALC writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. The ALC also has an English as an Additional Language (EAL) specialist available to work with students on improving their English-language academic writing skills.

Consult an ALC learning specialist or attend an academic skills workshop to improve your time management, learning strategies and test-taking strategies. Get support in select courses by making an appointment with an ALC content tutor. The ALC also offers peer-facilitated study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In SI study groups, students ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

In addition to one-to-one and group sessions, you can also find writing and study tip sheets and videos on the ALC website.

Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at: <http://umanitoba.ca/student/academiclearning/>
Contact the Academic Learning Centre by calling 204-480-1481 or emailing academic_learning@umanitoba.ca.

University of Manitoba Libraries (UML)

Research begins at UM Libraries. Learn at the Libraries is a great place to start, with information for students on academic writing, how to search the library, evaluating resources, and writing citations. As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about locating appropriate resources or managing citations, and will address any other concerns you may have regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you online. When working remotely, students can also receive help online through Ask Us! chat. For further detail about the libraries' services and collections, visit the Libraries' web site.

MENTAL HEALTH SUPPORT

For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.

Student Counselling Centre

Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. *Student Counselling Centre*: <http://umanitoba.ca/student/counselling/index.html>
474 University Centre or S207 Medical Services
(204) 474-8592

Student Support Case Management

Contact the Student Support Case Management team 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.

Student Support Intake Assistant <http://umanitoba.ca/student/case-manager/index.html>
520 University Centre, Fort Garry Campus
(204) 474-7423

University Health Service

Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

University Health Service <http://umanitoba.ca/student/health/>
104 University Centre, Fort Garry Campus
(204) 474-8411 (Business hours or after hours/urgent calls)

Health and Wellness

Contact our Health and Wellness Educator if you are interested in [peer support from Healthy U](#) or information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

Health and Wellness Educator <https://umanitoba.ca/student/health-wellness/welcome-about.html>
britt.harvey@umanitoba.ca
469 University Centre, Fort Garry Campus
(204) 295-9032

Live Well @ UofM

For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site: <http://umanitoba.ca/student/livewell/index.html>

HEALTH AND SAFETY

The University of Manitoba (the "UM") is committed to maintaining a safe learning environment for all students, faculty, and staff. Should campus operations change because of health concerns related to the COVID-19 pandemic or other campus-wide emergency, it is possible that this course will move to a fully remote delivery format. Should the

instructor be required to stay at home for an extended period and an alternate instructor not be available, the course may move temporarily to a remote delivery format.

Mask Wearing

In a face-to-face environment, our commitment to safety requires students to observe all Covid guidelines set by the University (<https://umanitoba.ca/coronavirus>) While on campus and in class, you must wear masks as stipulated in current University policies, procedures, and guidelines. The University highly recommends the use of KN-95 masks; the minimum requirement is a ATSM Level 2 Medical mask. Both mask types are available at many locations on campus. Students who fail to comply are subject to disciplinary action in accordance with the Student Discipline Bylaw and the Non-Academic Misconduct and Concerning Behaviour Procedure.

If you do not follow masking requirements, you will be asked to leave the learning space and may only return to the class already in progress when you have complied with this requirement. Repeated issues will result in disciplinary action as previously noted.

Students should not eat or drink during class time.

Illness

Remember: STAY HOME IF YOU HAVE SYMPTOMS OR ARE ILL. If you become ill, we highly recommend that you self-isolate; you should notify your instructor by email so you can develop a plan to complete the course learning outcomes while you are absent.

What to do if you become ill while at UM:

1. Leave the classroom, lab, or workspace immediately. Continue to wear your mask while leaving the premises and/or while waiting for transportation.
2. Perform hand hygiene (soap and water or hand sanitizer) and avoid contact with others and minimize contact with the physical environment.
3. Once at home, complete the MB self-assessment and follow the directions that are provided.
4. Inform your instructor(s) or, if in residence, the appropriate individual. The Instructor will discuss with you arrangements for extensions, deferrals or make-up assignments as required.
5. Please remain off-campus and all UM facilities until cleared to return in accordance with self-assessment, testing results, and UM recommended isolation procedures.
6. Complete the COVID-19 case reporting form

Recommended transportation options (in order):

1. Drive yourself home.
2. Pick-up by family or friend – remember to keep your mask on and to distance yourself as much as possible, and where possible, open a window to improve ventilation.
3. Pickup by taxi/Uber:
 - o Remain masked and perform hand hygiene before entering the vehicle.
 - o Avoid touching the inside of the vehicle
 - o Keep your mask on for the duration of the ride
 - o Where possible, open a window to improve ventilation.
4. Winnipeg Transit buses – We recommend that you do not use Winnipeg Transit in this situation.

ACADEMIC ACCOMMODATIONS

Students who have, or think they may have, a disability (*e.g.*, mental illness, learning, medical, hearing, injury-related, visual) are encouraged to contact Student Accessibility Services to arrange a confidential consultation. Instructors are notified by Student Accessibility Services what accommodations their registered students require which will help the instructor determine fair, feasible and reasonable academic accommodations without compromising academic standards. This takes time and planning, so reach out at the start of term.

SAS students can write their exams and tests in spaces organized by the SAS Exam Centre however they must register with the SAS Exam Centre a few weeks in advance. Please be sure to do so to receive the accommodations.

Medical Notes and Other Documentation

The Self-Declaration for Brief and Temporary Absences Procedure and Policy will be effective on September 1, 2022 and therefore students will not be required to present medical or other documentation for absences due to extenuating circumstances of 72 hours or less, however this form must be completed and submitted to the instructor in lieu of the documentation. Please note that further documentation may be requested from students who claim multiple temporary absences or absences for more than 72 hours.

Short-Term Academic Accommodations (up to 72 consecutive hours absences)

As we emerge from the pandemic, the University still has the health and safety of its community at top of mind. Since your classes are held in-person, please make sure you follow the University's COVID-19 Health and Safety Protocols. Notably, exercise good hand hygiene, stay home if you are ill and you must wear a mask when attending lecture/labs and on campus.

- Students who miss a lab or assessment due to an extenuating brief or temporary absence should complete a self-declaration for brief and temporary student absences form and submit it to their instructor **within 48 hours of the end of the brief absence**. The instructor will discuss with the student how the missed work can be made up.
- **Students absent for over 72 hours as a result of medical, compassionate, University scholastic, University athletic or religious event will require official documentation to explain the absence.** Students should reach out to instructors early if absences are anticipated.
- **Personal vacations and work requirements are not considered acceptable absences.**

Long-Term Academic Accommodations

Students with long-term academic accommodations are usually registered with Student Accessibility Services. The long-term academic accommodations are usually to accommodate long term physical or mental illness and accommodations can be in the form of notetaking, interpreting, assistive technology, and assessment accommodations.

Final Exams

Students who have conflicting scheduled exams should contact their faculty's academic advisors as soon as possible. Students who miss their exam due to extenuating circumstances can apply for a deferred exam. Please note that the granting of a deferred exam is not necessarily guaranteed.

Missed Lecture Notes

Students missing lecture notes as a result of absences are responsible for obtaining the missed content on their own accord. Contact a classmate or the course instructor for their notes but please be aware the instructor is not obliged to create notes for students as a result of absences.

VOLUNTARY WITHDRAWAL (VW) AND AUTHORIZED WITHDRAWAL (AW) POLICIES

VW: Students have the opportunity to voluntarily withdraw (VW) from this class up to November 22 (in the event of date discrepancies, please follow the dates on the Important Dates and Deadlines webpage). By then, you will have received feedback to allow you to assess your progress and determine if you are achieving the grade you are aiming for in this course. If you are unlikely to be successful in the course, or not achieving the grade that you are aiming for, you should consider a VW from the course. You should contact your instructor to review your progress in more detail, or you may discuss the VW option with a Faculty academic advisor. Students enrolled in the course after the VW deadline will be assigned a final grade.

AW: At times medical or compassionate circumstances arise in a student's life that prevent them from performing as they would in normal circumstances. If you are in this position, please contact a Faculty academic advisor to discuss your options. Be prepared to provide documentation, which supports your situation.

PROFESSIONAL CONDUCT

Students in the University community can freely express their thoughts, opinions, and beliefs however they must observe the Respectful Work and Learning Environment Policy and treat each other, staff, and faculty with respect. Students who are alleged to have breached the Respectful Work and Learning Environment Policy will be investigated and disciplined according to the Student Non-Academic Misconduct and Concerning Behaviour Procedure.

ACADEMIC INTEGRITY

Academic integrity is taking responsibility for and being honest with your work and respecting the work of others. Since you are a member of the university community, we want you to learn what that responsibility and honesty entails and how we respect the work of others.

The Faculty of Science continues to uphold high standards of academic integrity. We know that you, our students, support us in this and we count on every one of you to do your part. We expect all students to strictly adhere to instructions from their professors regarding what resources can and cannot be used for assessments, to follow other rules the professors wish to set, and to adhere to the academic conduct standards of the University and Faculty.

To aid professors in assuring that all forms of assessments have been administered fairly, the University will be electronically monitoring all tests, quizzes and examinations, included, but not limited to overseeing chatrooms, relevant predatory websites and, in so doing, we will analyze scholastic evidence of individual exams.

Students who transgress academic integrity rules will be investigated and disciplined (if justified) according to the Student Discipline By-Law and Student Academic Misconduct Procedure.

The list of suggested minimum penalties assessed by the Faculty of Science for acts of academic dishonesty is available on the Faculty of Science website.

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 provides copyright resources and support for all members of the University of Manitoba community.

Please respect copyright. We will use copyrighted content in this course. No audio or video recording of the lectures is allowed in any format, openly or surreptitiously, in whole or in part without permission from the instructor. University guidelines state that copyrighted works, including those created by the course instructor, are made available for private study and research, and must not be distributed in any format without permission. Since it is illegal, do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed.

For more information, see the University's Copyright Office website at <http://umanitoba.ca/copyright>.

YOUR RIGHTS AND RESPONSIBILITIES

As a student of 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 Academic Calendar is one important source of information. View the sections of *University Policies and Procedures* and *General Academic Regulations*.

While all of the information contained in these two sections is important, the following information is highlighted.

- 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 website for more information including appeal deadline dates and the appeal form <http://umanitoba.ca/registrar/>
- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the **Academic Integrity** regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support <http://umanitoba.ca/academicintegrity/> View the **Student Academic Misconduct** procedure for more information.
- 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 respectful manner. Policies governing behavior include the: Respectful Work and Learning Environment, Student Discipline and, Violent or Threatening Behaviour
- If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Violence** policy may be found at: <https://umanitoba.ca/governance/governing-documents/governing-documents-university-community#sexual-violence>. More information and resources can be found by reviewing the Sexual Assault site <http://umanitoba.ca/student/sexual-assault/>

For information about rights and responsibilities regarding **Intellectual Property** view the policy:

https://umanitoba.ca/admin/governance/governing_documents/community/235.html

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 web site <http://umanitoba.ca/faculties/>

Contact an **Academic Advisor** within **YOUR** registered faculty/college or school for questions about your academic program and regulations <http://umanitoba.ca/academic-advisors/>

Student Advocacy

Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

<http://umanitoba.ca/student/advocacy/>

520 University Centre

204 474 7423

student_advocacy@umanitoba.ca