University of Manitoba

University of Manitoba
Faculty of Agricultural and Food Sciences
Departments of Plant & Animal Science
Winter Term 2024

ANSC 4410 & PLNT 4410

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COURSE DETAILS

Course Title & Number:	**Grassland Agriculture: Plant, Animal & Environment ANSC4410, PLNT4410**
Number of Credit Hours:	3
Class Times & Days of Week:	Monday, Wednesday, Friday. 10:30-11:20am Lab - Monday 2:30-5:15pm
Location for classes/labs/tutorials:	Lecture 220 Animal Science Lab: 130 Agriculture
Pre-Requisites:	NA

Instructor Contact Information

Instructor(s) Name:	Dr. Douglas J. Cattani (DC), Associate Professor, Perennial Crop Breeding and Acting Dept Head, Department of Plant Science
Office Location:	Rm 228 Agriculture Building
Office Hours or Availability:	By appointment or before or after class
Office Phone No.	204-474-6071. I am accessible at this number during regular weekday workhours.
Email:	Doug.Cattani@umanitoba.ca All email communication must conform to the Communicating with Students university policy. (Please familiarize yourself with the policy). I expect to respond telephone and email queries within 24-48 hours (circumstances permitting) during the week. I will not normally be checking my email or UM-Learn on weekends and holidays.

Instructor(s) Name:	Dr. Emma J. McGeough (EM), Associate Professor, Sustainable Grasslands/Livestock Production Systems, Department of Animal Science
Office Location:	Rm 225 Animal Science Building
Office Hours or Availability:	By appointment or before or after class
Office Phone No.	204-474-8056. I am accessible at this number during regular weekday workhours.
Email:	emma.mcgeough@umanitoba.ca All email communication must conform to the Communicating with Students university policy. (Please familiarize yourself with the policy).

	I expect to respond telephone and email queries within 24-48 hours (circumstances permitting) during the week. I will not normally be checking my email or UM-Learn on weekends and holidays.

Course Description

Inter-relationships between the biological components of grassland agriculture as they relate to forage production on the Canadian Prairies. Topics include utilization by domestic animals, plant community relationships and role of forages in livestock production systems.

Who should take this course?

1) Students interested in animal production.
2) Students interested in the maintenance of the perennial grasslands (cultured and native) and the ecological benefits they provide.
3) Students interested in the use of perennial species for food and fibre.
4) Students interested in diversity in agriculture and the role of grassland agriculture in the environmental footprint of livestock production.

General Course Information

Grassland agriculture is important for animal agriculture and for the maintenance of soil quality of lands not suited to annual crop production. The relationship between plant cover, the health of the environment and the production of animals is key to understanding both the utilization of grasslands for animal feed, the productivity of the grassland and the productivity of animal agriculture. The beef production industry in western Canada has been negatively impacted by BSE and other outside influences in the past decade leading to a reduction of lands under perennial cover (pasture, hayfield and range), exposing the landscape to additional risks that come with annual crop production. The maintenance of perennial crops for animal feed provides habitats for many native flora and fauna that would not exist under annual cropping. The economic production of animals for human consumption is important, however all costs and benefits must be understood in order to achieve this in a sustainable manner.

Course Objectives

By the end of this course, Students will:

1. Be able to identify forage crop species, assess their suitability to the area of application and formulate seeding mixtures (if applicable) and a management system for grasslands.
2. Categorize plant growth strategies and generate plant stands that provide adequate agricultural and ecological benefits to the area of concern.
3. Illustrate the production of forages and explain how plant growth and development impact forage quantity and quality.
4. Understand plant and animal interactions to develop and utilize a planned pasture system effectively.

5. Be able to identify requirements of an effecting grazing system.
6. Determine the greenhouse gas footprint of an integrated forage/crop/ruminant livestock operation

Learning Outcomes

Learning outcomes assist: i) students to identify the knowledge, skills, attitudes and personal attributes expected of them to successfully complete their program of studies; ii) faculty to develop learning goals and objectives in their courses and programs, in prioritizing and focusing the learning experiences, and in the selection of appropriate assessment tools and; iii) potential students and outside agencies to assess the quality of our academic programs.

Using Copyrighted Material

Please respect copyright. Copyrighted content is used in this course. 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 Course Instructor holds 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. The content used is appropriately acknowledged and is copied in accordance with copyright laws and University guidelines. Copyrighted works, including original creations by the instructor, are made available for private study and research and must not be distributed in any format without permission.

****DO NOT UPLOAD COPYRIGHTED WORKS TO A LEARNING MANAGEMENT SYSTEM (SUCH AS QUIZLET, CHEGG, STUDOCU ETC), OR ANY WEBSITE, OR APP, 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 https://umanitoba.ca/copyright/or contact um_copyright@umanitoba.ca.

Recording Class Lectures

Drs. Doug Cattani, Emma J. McGeough 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 of the course instructors. Course materials (both paper and digital) are for the participant's private study and research.

Textbook, Readings, Materials

Textbook(s) – None.

Supplementary Reading:

1. Heide, O.M., 1994. Control of flowering and reproduction in temperate grasses. New Phytologist 128:347-362.

2. Glover, J.D., Culman, S.W., DuPont, S.T., Broussard, W., Young, L., Mangan, M.E., Mai, J.G., Crews, T.E., DeHaan, L.R., Buckley, D.H., Ferris, H., Turner, R.E., Reynolds, H.L. and D.L. Wyse. 2010. Harvested perennial grasslands provide ecological benchmarks for agricultural sustainability. Agriculture, Ecosystems and Environment 137:3–12.
3. Undersander et al. 2005: Alfalfa Mangement Guide
4. Samson and Knopf, 1994. Prairie conservation in North America. Bioscience 44:418-421.
5. O'Mara. 2012 The role of grasslands in food security and climate change. Annals of Botany 110:1263-1270.
6. Török, Brudvig, Kollmann, Price, and Tóthmérész. 2021. The present and future of grassland restoration. Restoration Ecology Vol. 29, No. S1, e13378, April 2021.

Additional Materials:
Additional handouts may be given out in class.
Several textbooks (with their library call numbers) can be used as background for the course lecture which include:

- Grazing Management: An Ecological Perspective - SF 85 .G73 1991
- Range Management: Principles & Practices - SF 85 H56 2001
- Nutritional Ecology of the Ruminant - SF 95.V36 1994
- Agronomy of Grassland Systems - SB 199 P37 1997
- Forages – An Introduction to Grassland Agriculture. Volume 1. Barnes, Nelson, Collins and Moore. 2003 Iowa State University press. Call #: SB 193 F64 2003 v. 1 Location: Reserve desk
- Cool Forages: Advanced Management of temperate forages. 2013. S. Bittman and D. Hunt (copies to be given to each group for pasture planning assignment)

Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Instagram, Facebook) online and offline "gaming" during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (©S Kondrashov. Used with permission)

Recordings (or photographs) are not permitted except when required to do so by Student Accessibility Services.

Course material, where applicable, will be uploaded to UM Learn under the merged course ANSC PLNT 4410. Downloaded course material from UM Learn must not be used for any other purpose than for the participant's private study and research.

Participation will be determined through the use of iclicker AND engagement in class discussions, question and answer etc. Students are required to download iclicker for use in lecture and labs.

Students are expected to have a computer with a functional web camera and microphone for this class.

Electronic proctoring software such as Lockdown Browser and Respondus Monitor may be utilized in this course should examinations need to be held online. Prior to an online exam, a practice test will be made available to test the proctoring software. Students are highly encouraged to take these short test quizzes prior to each exam to identify any potential technology issues and allow for sufficient time to contact the Service Desk (IST).

In the event of a technical issue during an exam please let the instructor know ASAP. If the instructor cannot fix this issue, the student will be advised to contact IST for assistance. If the issue is not remedied during the exam period, the student must provide the instructor with the Service Desk ticket number to schedule a resit. The exam grade will remain at 0 until this is provided.

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit: University of Manitoba - University Governance - Governing Documents: University Community (umanitoba.ca)

Please note that all communication between instructors and students must comply with the electronic communication with student policy (University of Manitoba - University Governance - Governing Documents: University Community (umanitoba.ca)). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations: I Expect You To

Students are expected to attend class on time, read assigned materials in a timely manner, participate in discussion and complete all assignments and examinations with academic integrity and honesty. Late attendance of class/labs may affect participation. Students are encouraged to ask questions for clarification and seek assistance from instructors if they require additional explanations or resources. In addition, students are expected to conduct themselves in a manner that is respectful of the learning environment, other students and instructors.

Expectations: You Can Expect Me To

Be respectful of your opinions, questions and response to questions.
Make every reasonable effort to answer your questions,
Mark your tests in a fair, equitable and prompt fashion.

Academic Integrity:

Plagiarism or any other form of cheating in examinations, term tests or academic work is subject to serious academic penalty. Cheating in examinations or tests may take the form of copying from another student or bringing unauthorized materials into the exam room. Exam cheating can also

include exam impersonation. A student found guilty of contributing to cheating in examinations or term assignments is also subject to serious academic penalty. Students should acquaint themselves with the University's policy on plagiarism, cheating, exam impersonation and duplicate submission (see Section 7, p. 29 in the University of Manitoba Undergraduate Calendar 09/10.

For individual assignments, students may cooperate and discuss the assignment; however, each student must hand in their own assignment, written in their own words. Duplicate assignments (either whole or in part) will be considered acts of academic dishonesty and will be subject to disciplinary action according to University policy.

For group assignments, peer evaluation may be used for some assignments. Part of the process of developing good group dynamics is the ability of group members to decide if all members are contributing effectively to group activities. As a result, a peer evaluation mark for each group will represent the average points received on the evaluation.
To do this rating, each student will rank all other students in their group. They will give a rating between 0 and 10. Ten would mean that they feel the other student contributed fully and should get the full mark assigned to the group, while marks below ten would indicate. When making this evaluation you should consider all aspects of group interaction including being on time, quality and quantity of ideas contributed, quality and quantity of work and ability to keep the group cohesive to achieve the group objective. The mark assigned to each group member will reflect a combination of the group mark and peer evaluation.

Please note, peer evaluation marks will not be changed after the grade has been assigned.

Use of Third Party Detection and Submission Tools
Electronic detection tools such as Respondus Monitor, Lockdown Browser or other software may be used as proctoring tools to detect plagiarism or cheating for any online testing. It is the student's responsibility to ensure they have computer with camera to meet these requirements.

Students Accessibility Services

Student Accessibility Services
If you are a student with a disability, please contact 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.
Student Accessibility Services Accessibility | University of Manitoba (umanitoba.ca)
520 University Centre, 204 474 7423, Student_accessibility@umanitoba.ca

Class Schedule

This schedule is subject to change at the discretion of the instructor and/or based on the learning needs of the students but such changes are subject to Section 2.8 of the – ROASS- Procedure).

Date	Topic	Instructor
Jan 08	Course overview	DC/EM
10	History of grasslands	DC
12	Grass/plant growth	DC
15	Grass/plant growth	DC
17	Plant/animal interactions	EM
19	Foraging behavior	EM
22	Flowering	DC
24	Mixtures of species	DC
26	Forage species	DC
29	**Mid term 1 (15%)**	
31	Forage species	DC
Feb 02	Digestive systems of herbivores	EM
05	Forage Utilization	EM
07	Forage Utilization	EM
09	Voluntary feed intake	EM
12	Animal utilization	EM
14	Forage establishment	DC
16	Mineral Nutrition	EM
26	**Mid term 2 (15%)**	EM
28	Metabolic disorders	EM
Mar 01	Grazing systems and management	EM
04	Grazing systems and management	EM
06	Grazing systems and management	EM
08	Extending the grazing season	EM
11	Seed production	DC
13	Seed production	DC
15	Greenhouse gas emissions	EM
18	**Mid term 3 (15%)**	EM
20	Stand persistence	DC
22	Forage conservation	DC
25	Water use in cattle production	EM
27	Sustainability	EM
01	Wildlife habitats	EM
03	Grassland cattle production: global perspective	EM
05	TBD	EM/DC
08	**Mid term 4 (15%)**	EM/DC

Important Dates

February 19 - 23	Mid-Term break: No classes or examinations in most faculties and schools
March 20	VW Date for Winter Term courses
March 29	Good Friday – University closed
April 10	Classes end in most faculties and schools.

Results on Performance Prior to Voluntary Withdrawal Deadline

Results on student performance will be provided before voluntary withdrawal date (approximately 50% of total grade).

Instructional Methods

A combination of instructional methods will be used in this course. Class lectures will be delivered in person except in the case of illness of the instructor. Where possible instructors will swap lecture slots but may deliver via Zoom or pre-recorded voice over powerpoint in exceptional circumstances. Guest speakers will also be invited to give lectures, enhancing the applicability of the information given.

Lectures:
Skeleton lecture notes will be posted to UM Learn shortly before class each day and will be available to view/download for **2 weeks**. It is the student's responsibility to get complete notes from a classmate in the event of their absence.

Labs:
Laboratory sessions will be used for practical instruction on a variety of topics and delivered virtually. Instructions on assignments will be distributed during lab periods each week.

**Attendance in labs is mandatory to pass the course. Students who miss more than two labs will fail the lab section. Failure of the lab section will result in failure of the course.

Lab Schedule

Date	Lab Content	Required Readings or Pre-Class Preparations	Evaluation
Jan 08	No lab		
Jan 15	Seeding experiments and forage and pasture seed identification	Lab manual	Laboratory report (7.5%) due on Mar 04 and Plant ID test (10%) on Mar 06, 2023
Jan 22	Legume seedling identification	Lab manual	Plant ID test on Mar 04

Jan 29	Grass seedling identification	Lab manual	Plant ID test on Mar 04
Feb 06	Mature Plant Identification (Legumes)	Lab manual	Plant ID test on Mar 04
Feb 13	Mature plant identification (grasses)	Lab manual	Plant ID test on Mar 04
Feb 26	Plant ID review?		
Mar 04	Plant ID test and Producer speaker	Greenhouse plants	10%
Mar 11	Stocking density and grazing strategy assignment	Lab notes	3.5%
Mar 18	Producer guest speaker	Lab and class notes	3.0%
Mar 25	Holos	Class notes	11%
April 01	Guest speaker – TBD		NA

Course Evaluation Methods

Test Descriptions

All quizzes/tests are closed book. No open book permitted. A combination of short and long answer questions will be encompassed in class exams.

Due Date:	Assessment Tool	Value of Final Grade
Jan 29	Mid term 1	15%
Feb 26	Mid term 2	15%
Mar 18	Mid term 3	15%
April 08	Mid term 4	15%
	Lab test (plant ID)	10%
	Lab assignments	25%
NA	Participation	5%

Examinable material:

- Mid term 1: Lectures from Jan 08 – 26th (inclusive)
- Mid term 2: Lectures from Jan 31 – 16th (inclusive)
- Mid term 3: Lectures from Feb 28 – Mar 15th (inclusive)
- Mid term 4: Lectures from Mar 20 – April 05th (inclusive)

Participation:

Class participation will make up 5% of the total grade. Participation marks will encompass lectures and labs with marks given for participation in discussions, questions/answer periods, interaction with instructor/guest speakers etc. AND iClicker will also be utilized for participation in lectures and labs of EMG. Please ensure to download this software.

Routine lateness (more than a few minutes) to labs will result in deduction of participation marks.

Grade evaluations

The grade will be evaluated through a combination of examinations, assignments, class participation and discussion.

Grading: The following grading scale will be applied to this course.

Letter Grade	Percentage out of 100	Grade Point Range	Final Grade Point
A+	93-100	4.25-4.5	4.5
A	85-92.4	3.75-4.24	4.0
B+	78-83.4	3.25-3.74	3.5
B	72-77.4	2.75-3.24	3.0
C+	65-71.4	2.25-2.74	2.5
C	60-64.4	2.0-2.24	2.0
D	50-59.4	Less than 2.0	1.0
F	Less than 50		0

Assignment Descriptions

Description of Assignments

1. Laboratory report: Forage Lab - Seed Establishment
    - Laboratory (GH) establishment of perennials seeds.
2. Stocking density assignment
    - Calculations of stocking density required for proper pasture management
3. Grazing assignment
    - Planning pasture grazing in summer/fall/winter
4. Holos assignment
    - Determining the whole farm carbon footprint of a cattle operation

Assignment Due Dates

Due Date:	Assessment	Value of Final Grade
Mar 06	Lab report	7.5%
Mar 18	Stocking density assignment (individual)	3.5%
April 06	Grazing strategy assignment (group)	11%
April 10	Holos assignment (group)	3%

Assignment Extension and Late Submission Policy

Late Assignments: Assignments must be submitted by the end of the day (6:00pm) on the date that it is due. There will be a 10% deduction for every 24-hour period the assignment is late. Late assignments will not be accepted after 3 calendar days (including holidays/weekend) post deadline, unless arranged with the instructor. It is the student's responsibility to ensure uploaded assignments are present in the relevant folder or emailed (depending on assignment instructions) by the due date.

Missed Assignments: Unexcused missed assignments will be given a grade of zero. Where assignments are missed and excused through written notification such as a doctor's certificate of illness, evidence of death in the family, or other circumstances that are beyond the control of the student, the student may be given the following options: 1) complete the assignment and receive

the late assignment penalty as describe above; 2) establish a new due date with the instructor and complete the assignment without penalty when handed in by the new due date; or, 3) the final grade will be determined by increasing the value of the final examine by the amount that would have been allocated to the missed assignment.

If students miss more than two assignments, unless approved by the instructor, this will result in failure of the lab section of the course.

Missed Exams: **Unexcused missed exams** will be given a grade of zero. Where exams other than the final exam are missed and excused through written notification such as a doctor's certificate of illness, evidence of death in the family, or other circumstances that are beyond the control of the student, the student may be given the following options at the discretion of the instructors: i) re-schedule a date for the exam with the instructor and complete the exam within 4 days or the original test (the instructor has the option to set a different exam); or if this is not possible due to circumstances which preclude the student being on campus , 2) the grade weighting for the missed exam may be allocated to the next exam. Please note, in this case, examinable material on the subsequent test will include all lectures. For example, if a student misses mid term 1, then mid term 2 will include all examinable material from the first and second test.
If the final exam is missed and an appropriate excuse has been provided, another exam date will be set at the discretion of the instructor.

Assignment Grading Times
Generally, your test and other assignments will be marked and returned to you within 10 calendar days. However, the turnaround time depends on the instructor and prompt submission of assignments from all students. Additionally, students have 1 week following the return of an assignment or test in which to have the marks amended if due cause exists. Please note, any exams that are written in pencil will not be considered for grade amendment after return to student.

Schedule "A" – Policies and Resources for Students

Student Accessibility Services
If you are a student with a disability, please contact 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.

Student Accessibility Services website:
Accessibility | University of Manitoba (umanitoba.ca)
520 University Centre, 204 474 7423, Email: Student_accessibility@umanitoba.ca

Writing and Learning Support
The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask

questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.
You can also meet one-to-one with a 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. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor's feedback.

These 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/

You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

University of Manitoba Libraries (UML)
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 managing citations, or locating appropriate resources, 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 in-person. A complete list of liaison librarians can be found by subject or by name: http://bit.ly/1tJ0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries' homepage:www.umanitoba.ca/libraries.

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
(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 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 Student health and wellness | University of Manitoba (umanitoba.ca)
Katie.Kutryk@umanitoba.ca
469 University Centre
(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
Notice Regarding 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.
Visit http://umanitoba.ca/copyright for more information.

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 http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections *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 conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- 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 Assault** policy may be found at:
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html 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
  http://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 our 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