



**University of Manitoba**  
**Faculty of Agricultural and Food Sciences**  
**Department of Animal Science**

# TABLE OF CONTENTS

COURSE DETAILS.....	3
INSTRUCTOR CONTACT INFORMATION.....	3
COURSE GOALS.....	4
USING COPYRIGHTED MATERIAL.....	4
RECORDING CLASS LECTURES.....	4
TEXTBOOK, READINGS, MATERIALS.....	4
COURSE TECHNOLOGY.....	4
CLASS COMMUNICATION.....	4
STUDENTS ACCESSIBILITY AND OTHER SERVICES.....	5
EXPECTATIONS: YOU CAN EXPECT ME TO.....	6
CLASS SCHEDULE.....	7
LAB SCHEDULE.....	7
COURSE EVALUATION METHODS.....	7
EVALUATION PROCEDURE:.....	7
ASSIGNMENTS:.....	8
GRADING.....	8
REFERENCING STYLE.....	8
TEST DESCRIPTIONS.....	8
ASSIGNMENT GRADING TIMES.....	8
LATE SUBMISSION/MISSED TEST POLICY.....	8
IMPORTANT DATES.....	9

## COURSE DETAILS

---

**Course Title & Number:** Ruminant Production Systems – Meat – ANSC 4520

**Number of Credit Hours:** 3

**Location for classes/labs/tutorials:** Class: On-line  
Labs: On-line

### Instructor Contact Information:

---

**Instructor(s) Name:** Kim Ominski

**Office Location:** Room 225 Animal Science Building

**Office Hours or Availability:** 30 minutes before and after each class or by email

**Office Phone No.** 474-9468

**Email:** [Kim.Ominski@umanitoba.ca](mailto:Kim.Ominski@umanitoba.ca)  
All email communication must conform to the Communicating with Students university policy.

**Contact:** You are welcome to contact me by email at any time. I will try my best to reply within the same day or by the following morning.

---

## **Course Description**

---

To provide an appreciation of the ruminant meat industry in terms of size, complexity and relationship to the economy and give an understanding of the breeding, feeding, management and marketing strategies for modern ruminant production systems.

## **Course Goals**

---

To gain an understanding of the scope of Manitoba's beef industry in relation to the Canadian and North American beef industries

To gain an understanding of the breeding, feeding, management and marketing strategies for modern ruminant production systems

To examine issues currently facing ruminant producers in Manitoba and identify possible solutions

## **Using Copyrighted Material**

---

Please respect copyright. For more information, see the University's Copyright Office website at <http://umanitoba.ca/copyright/> or contact [um\\_copyright@umanitoba.ca](mailto:um_copyright@umanitoba.ca).

## **Recording Class Lectures**

---

Kim Ominski and the University of Manitoba hold copyright over the course materials, presentations and lectures which form part of this course. Course materials are for the participants' private study and research.

## **Textbook, Readings, Materials**

---

Required textbook – none required.

## **Course Technology**

---

This course is delivered remotely. Students are expected to be on-line during the scheduled class times. Your computer or device and Internet connection must meet the UM minimum requirements found here: <http://cc.umanitoba.ca/uploads/2020/04/Student-Connectivity-Recommendations.pdf>.

## **Class Communication**

---

Please note that all communication between myself and you as a student must comply with the electronic communication with student policy ([http://umanitoba.ca/admin/governance/governing\\_documents/community/electronic\\_communication\\_with\\_students\\_policy.html](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.

## **Expectations: I Expect You To**

---

Be respectful to me and your fellow classmates

### **Academic Integrity:**

You must also do your own work during exams. Plagiarism, duplicate submission, cheating on quizzes, tests, and exams, inappropriate collaboration, academic fraud, and personation are in violation 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.

## **Student Support 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* <http://umanitoba.ca/student/saa/accessibility/>

520 University Centre

204 474 7423

[Student\\_accessibility@umanitoba.ca](mailto:student_accessibility@umanitoba.ca)

**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 UMSU University Centre or S211 Medical Services Building

(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.

<http://umanitoba.ca/student/case-manager/index.html>

520 UMSU University Centre

(204) 474-7423 (Student Support Intake Assistant)

### **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. Note that due to fire displacement, UHS is unable to provide in-person medical care on the Fort Garry Campus until October, 2020.

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

### **Health and Wellness**

Contact our Health and Wellness Educator if you are seeking information on health topics, including physical and mental health concerns, alcohol and substance use harms, or sexual violence. You can also access peer support from a *Healthy U* peer health educator.

*Health and Wellness Educator*

<https://umanitoba.ca/student/health-wellness/welcome-about.html>

[britt.harvey@umanitoba.ca](mailto:britt.harvey@umanitoba.ca)

469 UMSU University Centre

(204) 295-9032

### **Sexual Violence Resource Centre**

Contact SVRC if you have experienced sexual violence or are seeking information about how to help somebody else. SVRC provides inclusive, survivor-centred, trauma-informed services, such as consultation, referrals, safety planning, and a range of on-site supports, including counselling by Clinic.

*Sexual Violence Resource Centre*

<https://umanitoba.ca/student-supports/sexual-violence-support-and-education>

[svrc@umanitoba.ca](mailto:svrc@umanitoba.ca)

537 UMSU University Centre

(204) 474-6562 (Sexual Violence Intake and Triage Specialist)

### **Expectations: You Can Expect Me To**

---

Be respectful of your questions and make every reasonable effort to answer them as well as to provide feedback on tests and assignments in a fair, equitable and prompt fashion.

### **Class Schedule**

---

This schedule is subject to change at the discretion of the instructor and/or based on the learning needs of the students.

Ruminant meat industry (approximately 4 lectures)

- BSE and its impact on the ruminant industry
- industry profiles for each ruminant species

Cow-calf production systems (approximately 11 lectures)

- breeds
- selection and evaluation of cows and bulls

- breeding systems
- artificial insemination/embryo transfer
- biological phases of the cow
- winter feeding of the cow
- cow-calf health
- calf management

Backgrounding and stocker operations (approximately 4 lectures)

- nutrition
- forage preservation
- pasture management

Finishing cattle (approximately 9 lectures)

- nutrition including feeding strategies
- feed additives
- implant strategies
- facilities and handling
- carcass evaluation and grading

Marketing options (approximately 2 lectures)

Issues in today's beef industry (approximately 2 lectures)

### Lab Schedule

Date	Activity
September 9	No in class lab – take home feedstuff identification lab
September 16	Feed stuff identification
September 23	Ration formulation – hand calculations
September 30	Cow-calf operation – Purebred - Jill Martens
October 7	Evergreen Cattle Company – Robert, Jody and Cody Krentz
October 14	Cow-calf - Commercial – Alanna Dudych
October 21	Stonewood Elk Ranch – Kelly Farmer
October 28	Overby Bison – Iris and Ken Overby
November 4	Canada Sheep and Lamb Company - Pat Smith
November 11	No lab
November 18	Cowbytes ration formulation software – tutorial
November 25	Glenlea Research Station – castration, dehorning and implanting
December 2	Processing – Dr. Navjot Viridi, Manitoba Agriculture
December 9	Lab quiz

### Course Evaluation Methods

A variety of evaluation methods will be used to give all types of learners an opportunity to excel. The purpose of the written assignment is to develop your writing and critical thinking skills.

### Evaluation Procedure:

Midterm test I	-	15%	(October 5)
Midterm test II	-	15%	(November 4)
Lab quiz	-	15%	(December 9)
Assignments	-	20%	(Details provided below*)
Final	-	30%	(To be scheduled by University)
Participation	-	5%	

**Assignments:**

Ration Assignment	-	5%	(Due December 2)
Written Assignment	-	15%	(Due November 13)

**Grading**

---

Letter Grade	Percentage out of 100	Grade Point Range	Final Grade Point
A+	95-100	4.25-4.5	4.5
A	86-94	3.75-4.24	4.0
B+	80-85	3.25-3.74	3.5
B	72-79	2.75-3.24	3.0
C+	65-71	2.25-2.74	2.5
C	60-64	2.0-2.24	2.0
D	50-59	Less than 2.0	1.0
F	Less than 50		0

**Referencing Style**

---

The Canadian Journal of Animal Science referencing style will be used for the written assignment.

**Test Descriptions**

---

Tests will be a mix of short and long answer questions including both direct response, as well as scenario-based questions. All tests will be closed book with no other notes or materials to be used.

**Assignment Grading Times**

---

I will generally have your test marks back within one week of writing the test.

**Late Submission/Missed Test Policy**

---

. Please follow these guidelines if you are unable to meet an academic requirement for your courses.

- Contact your instructor for term work such as a class, quiz, midterm/test, assignment, lab;



- Contact an advisor in your faculty/college/school of registration for a missed final exam (scheduled in the final examination period);
- Inform your instructor/advisor as soon as possible do not delay. Note for final exams, students must contact within 48 hours of the date of the final exam; and
- Email your instructor/advisor from a U of M email address, and include your full name, student number, course number, and academic work that was missed.

### **Important Dates**

---

**October 12, 2020** – Thanksgiving Day – no classes

**November 11, 2020** - Remembrance Day – no classes

**November 9-13, 2020** – University Term Break – no classes

**November 23, 2020** - Last date for Voluntary Withdrawal without academic penalty

**December 11, 2020** - Last date of lectures

