



UM

Faculty of Agricultural and Food Sciences

AGRI 3030:

Horse Production & Management



Winter Term 2024: Tuesday and Thursday, 4:00 - 5:30pm.

Room 219 Animal Science

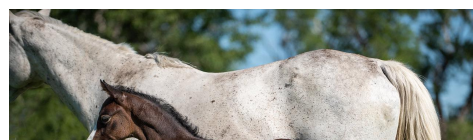
What will you learn?

In many ways, owning horses is much different than owning other species of livestock and/or companion animals, in that the horse is, for most, considered an athlete. As such, it is important to know the basics of equine production and management including nutrition, anatomy and physiology, health and diseases, stable/pasture management and behavior. This course also aims to enhance student understanding in dentistry, reproduction, feed production, injuries and lameness and other common issues in the various spheres of equine sport.



Course Modules

- **History of the Horse:**
 - Evolution, breeds, colors, markings



- **Anatomy and Physiology**
 - Skeletal and muscular systems
 - Digestive and circulatory systems
 - Nervous and respiratory systems
- **Feeding and Nutrition:**
 - Nutrient requirements of horses
 - Feed testing and chemical composition
 - Feed ingredients
- **Pasture Management**
 - Principles of pasture management
 - Grasses and legumes for grazing and haying
- **Lameness and Injury:**
 - Common forms of lameness
 - Treatment of injury and lameness
 - Basic hoof care
- **Health and Diseases**
 - Metabolic disorders
 - Internal and external parasites
 - Communicable diseases
 - Biosecurity
- **Dentistry:**
 - Dental anatomy and examinations
- **Reproduction:**
 - Physiology of the reproductive system
 - Breeding technologies
 - Pregnancy and foaling
- **Equine behavior**
 - Assessment of fear, anxiety and stress



CLASS TOURS AND DEMOS

Feed production,
Dentistry,
Saddle fitting,
Hoof care

Instructional Methods

A combination of instructional methods will be used in this course. Class lectures will be delivered in person. Guest speakers will also be invited to give lectures, enhancing the applicability of the information given (these may or may not be in person, at the discretion of the speaker).

Lectures: Skeleton lecture notes will be posted to UM Learn shortly before class each day (and where permissible by guest speaker) and will be available to view/download for **1 week**.

Class Tours: There will be 2 offsite tours during the term which will take place during either the Tuesday or Thursday timeslot in a given week. As a result of the tours requiring an extended time (~3hrs), class on the alternate day that week will be cancelled in lieu. Attendance on tours is mandatory to pass the course, unless otherwise arranged with the instructor under exceptional circumstances.

Please note, the course schedule is subject to change at the discretion of the instructor,

Course Evaluation

All quizzes/tests/final exam are closed book. No open book permitted. Students must stay in their seats for a minimum of 30 mins before leaving the exam. Students that are 30 mins (or more) late will not be admitted to the exam.

Assessment	Description	Due Date*	% of Final Mark
Mini-quiz	Multiple choice	January 18	5%
Mid term 1	Short answer & multiple choice	February 1	18.5%
Mid term 2	Short answer & multiple choice	March 5	18%
Final	Short answer & multiple choice	TBD	18.5%
Diet Formulation	Feed evaluation/ ration balancing	February 5	5%
Sports Profile	Extension factsheet	February 26	8%
Disease Report	Written technical report	March 18	10%
Oral presentation	Equine issues 8-10 min	April 2 & 4	10%
Participation	See below	-	7%

* Due dates are **tentative** based on availability/scheduling of guest speakers and tours and will be confirmed the first week of class.

Participation marks will awarded for participation in class quizzes, iClicker, discussions, questions/answer periods, interaction with instructor/guest speakers etc.

Letter Grade	% out of 100	Grade Point
A+	92 - 100	4.5
A	85 - 91.4	4.0
B+	78 - 84.4	3.5
B	70 - 77.4	3.0
C+	64 - 69.4	2.5
C	60 - 63.4	2.0
D	50 - 59.4	1.0
F	Less than 50	0



Class Policies and Procedures

Using Copyrighted Material

All students are required to respect copyright as per Canada’s *Copyright Act*. Copyrighted content is used in this course. 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), 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 <http://umanitoba.ca/copyright/> or contact um_copyright@umanitoba.ca.

Recording Class Lectures

Dr. Emma J. McGeough, the University of Manitoba and guest speakers 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.

Course Technology

Downloaded course material from UM Learn must not be used for any other purpose than for the participant's private study and research. Students should refrain from use of cell phones or any behavior that may be distracting to other students. Course material will be posted on UM Learn under AGRI 3030 (general information and lectures). iClicker will be utilized for class participation which must be downloaded for use in each lecture.

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, copying/pasting from notes in online tests. 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).

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.

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

Assignment Extension/Late Submission Policy

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: 1) re-schedule a date for the exam with the instructor and complete the exam within 4 days of 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.

Late Assignments: Assignments must be submitted to UM Learn by the end of the day (9:00pm) on the date that it is due. There will be a 10% deduction for every 24-hr 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.

Missed Assignments: If students miss more than 2 assignments, (unless under exceptional circumstances), this will result in failure of the course.

Assignment Grading Times: Generally, tests/ assignments will be returned to you within 7-10 business days. Quiz/test marks will be returned in person during class time. Students have 1 week following the return of an assignment/test in which to request the mark be reviewed for potential amendment. Tests/assignments completed in pencil will not be permitted to have further review upon return of mark.



Important Dates

For a complete list of important dates, please see ‘Important Dates and Deadlines’ under Registrar’s Office (Student Affairs) on the university website:
<http://umanitoba.ca/student/records/deadlines/>

January 8	First day of classes - Winter 2024 Courses
February 6	Winter Tuition Fee Payment Deadline
February 19-23	Winter Term Break
March 10	VW Date for Winter Term courses
April 10	Last day of classes - Winter 2024 courses
April 12 - 26	Winter Term examination period



About The Instructor



DR. EMMA J MCGEOUGH

Associate Professor,
Sustainable Grassland & Livestock
Production Systems

Rm 225, Dept. of Animal Science
emma.mcgeough@umanitoba.ca
204-474-8056

Office Hours or Availability:

Usually available before or after class within office hours or contact to set up an appointment (in person or virtual)

Email:

All email communication must conform to the Communicating with Students university policy.

I will respond emails within 24-48 hrs (where possible) during the week.

I will not be checking my email or UM-Learn on weekends and holidays.



Schedule “A” – Policies and Resources for Students

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 2-3 days in advance of the time you would like to meet. 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 ALC services are free for UofM students. For more information, please visit the Academic Learning Centre.

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

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/1tJObB4>. 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 (204-940-1781).

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, consultation, educational workshops, and referral to the STATIS threat assessment team. *Student Support Intake*

<p>contact SAS to arrange a confidential consultation.</p>	<p><i>Assistant</i> http://umanitoba.ca/student/case-manager/index.html. 520 University Centre. (204) 474-7423</p>
<p>University Health Service</p> <p>Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation. <i>University Health Service</i> http://umanitoba.ca/student/health/</p> <p>104 University Center, Fort Garry Campus</p> <p>(204) 474-8411 (Business hours or after hours/urgent calls)</p>	<p>Student Counseling Center</p> <p>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 counseling. <i>Student Counseling Center:</i></p> <p>http://umanitoba.ca/student/counselling/index.html. (204) 474-8592</p>
<p>Health and Wellness</p> <p>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. <i>Health and Wellness Educator.</i> Http://umanitoba.ca/student/health-wellness/welcome.html. 469 University Centre. (204) 295-9032</p>	<p>Student Advocacy</p> <p>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/</p> <p>520 University Centre 204 474 7423 student_advocacy@umanitoba.ca</p>
<p>Your Rights and Responsibilities</p> <p>As a student of the UofM 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.</p> <p>The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections <i>University Policies and Procedures</i> and <i>General Academic Regulations</i>. While all of the information contained in these two sections is important, the following information is highlighted.</p> <p>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/.</p> <p>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.</p> <p>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:</p>	

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

Violent or Threatening Behavior

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/>