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Syllabus

Domesticated Animal Behaviour

ANSC 4510

(Winter 2024)



COURSE DETAILS

Course Title & Number:	ANSC 4510 - Domesticated Animal Behaviour
Number of Credit Hours	3.0
Pre-Requisites:	Prerequisite: ANSC 2520 or consent of the instructor.

Instructor Contact Information

Instructor(s) Name &	Dr. Meagan King
Preferred Form of Address:	Please call me Meagan!
Office Hours or Availability:	I'm happy to answer questions or chat before and after class. If you would like more time or some privacy, please contact me via email to arrange a meeting outside of class.
Office Phone No.	474-7697
Email:	Meagan.King@umanitoba.ca
	Please write me <i>at least semi-professional emails (i.e. Hello Meagan or Dr. King, sign off with your name).</i>
	If you email me, <u>I will try my best to reply within 48h.</u>
	I may respond to emails at strange times if I am working outside of business hours, but I do not expect you to reply at that time.
Contact:	It is best to contact me through email!

COURSE DESCRIPTION

U of M Course Calendar Description

An awareness and understanding of normal behaviors of animals will be emphasized. Relationships between behavior, welfare and management will be explored. Emphasis will be on farmed animals but companion animals, wild animals and laboratory species will also be discussed.

General Course Description

This course will be based on a combination of lectures, case studies, discussions, and labs where students will learn about the theory and practice of studying and managing animal behaviour. Students will gain practical skills and knowledge regarding animal handling, animal welfare, underrepresented perspectives, and behavioural data collection. At the end of each class, there will be a short review period where we will assess students' understanding of lecture content and the most important/interesting things learned that day.

Course Goals

My goal is for you to develop a broad base of knowledge and skills pertaining to animal behaviour that you can apply throughout your undergraduate studies and beyond. I also aim to help develop your soft skills, such as presentation style and confidence, scientific communication and extension to non-academic audiences, and respectful and inclusive discussion techniques. Important skills to refine will include critical

thinking, improving sustainability, society, ethics, and equity, and self-reflection throughout the course. Dr. King and students will practice adapting and incorporating feedback to build resiliency, and will practice respecting others values, opinions, backgrounds while incorporating other perspectives to build knowledge in multicultural and multidisciplinary teams. These skills will help us better understand and solve problems at local, national and global scale. My goal is to build confidence, accountability, leadership, team work, and management of time, conflict, stress, and risk. We will practice communicating effectively, based on the audience, mode of communication, level, type of information, demonstrating respect, social and emotional intelligence and empathy.

Course Learning Objectives

Upon completion of this course, students should:

- Understand the most common framework of thinking about animal behaviour, 'Tinbergen's Four Questions
- Understand the difference between learning and motivation
- Understand the process and effects of domestication on animal morphology and behaviour
- Be able to use animal behaviour in various scenarios to identify which health or behavioural issue animals are experiencing
- Understand the theory and practice of studying animal behaviour
- Understand how aspects of the various Codes of Practices for farm animals are based on evidence regarding animal physiology, welfare, health, behaviour, and/or production
- Practice seeing situations from other points of view
- Practice handling hens and dairy cows using stress-free handling techniques
- Students will also learn first-hand about the advantages and disadvantages of live behaviour observations and video recordings.
- Students will then learn to format and analyze their own data to determine the effect of housing and enrichment on bird behaviour.
- Present their research findings to the class

COURSE MATERIALS AND TECHNOLOGY

There is no required textbook for this course. All required and supplemental readings will be available online through UM Learn or can be accessed online through the library.

EXPECTATIONS AND POLICIES

I EXPECT YOU TO:

- Attend class during synchronous lectures and actively participate in learning activities. Classes will be held every Monday, Wednesday, Friday from 1:30 to 2:20 pm. Labs are held Wednesdays from 2:30 to 5:15pm.
- ***Attendance is expected, and lab grades will be assigned based on the quality and quantity of your contributions to our discussions.***

- Treat me and your classmates with respect and compassion.
- Regularly access UM Learn site and U of Manitoba student e-mail to access course information.
- Seek clarification from Instructor regarding the contents of this course outline if required.
- Be aware of and comply with University of Manitoba Policies and Procedures.
- Listen attentively and do not disturb others during class.
- Refrain from using cell phones and other communication devices during class.
- Use professional, clear communication when e-mailing instructors and classmates.
- Serve as a good ambassador for the Animal Science program and the Agricultural Community.

YOU CAN EXPECT ME TO:

- Treat you with respect and compassion.
- Be available and supportive outside of class to discuss course content or how to manage other factors affecting your academic performance.
- Provide feedback within 2-3 weeks of submitting your assignments.
- Reply to your emails within 48 h.

Communication Protocols:

You are required to obtain and use your University of Manitoba email account for all communication between yourself and the university. All communication must comply with the Electronic Communication with Student Policy:

http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Student Accessibility Services:

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

Student Accessibility Services
520 University Centre
Phone: (204) 474-7423
Email: Student_accessibility@umanitoba.ca

COURSE 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 ROASS](#).

Date	Class Topic	Lab Topic
8-Jan	L1-Course introduction / Motivation	
10-Jan	Beef behaviour case study with Brittany Bedard (no marks)	
12-Jan	<i>Read diversity and inclusion in animal behaviour papers (No class)</i>	
15-Jan	Discussion about papers	
17-Jan	L2-Learning	Case study - Bailey's "Bad" Behaviour
19-Jan	L3-Causation (mechanisms, physiology)	
22-Jan	L4-Phylogeny (evolution, domestication)	
24-Jan	L5-Ontogeny (development)	Case study - The Kicha Kronicles
26-Jan	L6-Function (survival value)	
29-Jan	Feeding/foraging/antipredator behaviour	
31-Jan	Pain/sickness behaviour	Cat lab/case study
2-Feb	Social/agonistic behaviour	
5-Feb	Abnormal behaviour	
7-Feb	Ethology - in theory vs. in practice	Pig behaviour case study/videos (no marks)
9-Feb	<i>Prep for review class</i>	
12-Feb	Review class	
14-Feb	Midterm	
16-Feb	<i>Rest day (no class)</i>	
Feb 19-23	Louis Riel Day & Winter Term break	
26-Feb	Assessing welfare using behaviour	
28-Feb	Dairy lab with Brittany Bedard & Lindsey Lippens	
1-Mar	Go over midterm	
4-Mar	Codes of Practice (NFACC)	
6-Mar	<i>Work on NFACC Assignment and ABW presentations (no class)</i>	
8-Mar	<i>Work on ABW presentations (no class)</i>	
11-Mar	Human-animal interactions	
13-Mar	Glenlea – hen behaviour lab	
15-Mar	Animal behaviour & welfare presentations	
18-Mar		
20-Mar	Horse lab/case study with Ashlyn Scott	
22-Mar	Case study: Managing dogs on FN	
25-Mar		
27-Mar	Glenlea – pig behaviour lab	
29-Mar	Good Friday	
1-Apr	<i>Work on final presentation (no class)</i>	
3-Apr	Final presentations (dairy, hen or pig)	
5-Apr	Review session	
8-Apr	Review session	
10-Apr	Final exam	
Apr 12-26	Chill out!	

Voluntary Withdrawal

If you drop the class before Jan 19, 2024, you will receive a 100% refund. Therefore, the last day to drop a class is Jan 19, 2024. The Voluntary Withdrawal deadline is March 20, 2024. If you withdraw from the course after March 20, 2024, there will be no refund. Note that withdrawn courses will be recorded on your official transcript. Please contact me ahead of the withdrawal date if you would like to discuss your progress and strategies for improvement. Refer to the [Registrar's Office](https://umanitoba.ca/registrar/important-dates-deadlines) web page for more information. <https://umanitoba.ca/registrar/important-dates-deadlines>

COURSE ASSESSMENT

1) Feb 17 Midterm	Feb 14 in class	15% of final grade
<ul style="list-style-type: none"> - Open book exam of material covered up until and including Feb 7 - We will have a review class on Feb 12 		
3) Animal behaviour & welfare presentations	March 15 & 18 in class	15% of final grade
<ul style="list-style-type: none"> - Students will justify why a common practice (housing method or procedure) in the animal industry is acceptable (or unacceptable and needs changing) - Relate the practice to animal behaviour and welfare using science and compassion towards farmers - It may be beneficial to compare it to other housing methods or ways of performing procedures - Will have class time to work on presentation - A rubric will be provided 		
4) Present final project	April 3 in class/lab	15% of final grade
<ul style="list-style-type: none"> - Students will monitor animal behaviour using live observations as well as precision technology - Students will then learn to format and analyze their own data - Presentations will be given independently (~20 min each, including questions) - A rubric will be provided 		
5) Final exam (during class)	April 10	15% of final grade
<ul style="list-style-type: none"> - Will be heavy on the application of your knowledge acquired - Mostly material from Feb 16 onwards, with some concepts from the first half of the course - We will have a review class on April 5 & 8 		
6) Lab participation/assignments (8 labs x 5% each)	Entire term	40% of final grade
<ul style="list-style-type: none"> - For the class attendance/participation portion, students will be evaluated based on their attendance and the quality and quantity of their contributions to class discussions and submissions - Jan 15 @ 1:30 pm: discussion in class about diversity and inclusion papers - Jan 22 @ 1:30 pm: Bailey's "Bad" Behaviour due (online or hard copy) - Jan 31 @ 1:30 pm: Kicha Kronicles questions due (online or hard copy) - Feb 7 @ 1:30 pm: Cat lab due (online or hard copy) - Feb 12: Midterm review class - March 8 @ 1:30pm: Codes of Practice Assignment due (on UM Learn) 		

- **March 27 @ 1:30pm:** Horse lab due (online or hard copy)
- **April 5 & 8:** Final exam review session

Voluntary labs include:

- **March 6: Dairy lab** - students will travel (department vehicle or personal vehicle) to the Glenlea dairy barn for 1 lab session (1:30-5:15pm because the lab is right after class time) where they will learn about the key behaviours of dairy cows. Students will also get to practice some basic cattle handling techniques (flight zone and point of balance) by walking inside the pen with cows with direct supervision. We will gently restrain a cow in the stall while we brush her. Students will also learn to monitor cow behaviour using live observations as well as precision technology (such as their rumination/activity collars). Calves will also be provided with a toy and we will observe their bravery and boldness. *No downtime needed*
- **March 13: Hen lab** - students will travel to Glenlea (department vehicle or personal vehicle) and spend time with the laying hens in the poultry facility (1:30-5:15pm because the lab is right after class time). We will visually monitor hen behaviour in the 2 different housing systems (free run vs. enriched cages). Students will observe what effect additional environmental enrichment (toys, hanging vegetables, extra dust baths) has on feeding, preening, and social pecking behaviours of birds in the aviary (students will be involved in deciding which behaviours to record and how, and will help set up enrichments and the camera). We can then view that footage later as a class and get an idea of the birds' daily time budget in both systems. *NEED 48h downtime from other poultry, pigs and wildlife*
- **March 27: Pig lab** – students will travel to Glenlea (department vehicle or personal vehicle) and shower into the swine facility (1:30-5:15pm because the lab is right after class time). There we will visually monitor piglet and sow behaviour in the farrowing, nursery, and gestation rooms. We will also set up one camera to monitor the animals overnight. *NEED 48h downtime from other pigs and wildlife*

A rubric and further information will be provided to students in preparation for assignments.

Letter Grade	Percentage	Final Grade Point
A+	92-100	4.5
A	85-91.9	4.0
B+	78-84.9	3.5
B	70-77.9	3.0
C+	63-69.9	2.5
C	56-62.9	2.0
D	50-55.9	1.0
F	<50	0

Referencing Style

Whichever academic journal you read and cite most will be the referencing style you should use. Be consistent and be accurate! Meagan is meticulous!!!!

Check out the “Instructions for Authors” section of journal websites for details.

Assignment Feedback

Within 2 to 3 weeks of submitting your assignments or giving presentations, Meagan King will provide formative (i.e., comments) and summative (i.e., grade) feedback through UM Learn.

Assignment Extension and Late Submission Policy

Written assignments are to be submitted through UM Learn on the due date by 10 pm. UM Learn automatically date-stamps assignments. There will be a hard cut off at that point, after which, there will be a late penalty of 5% per day (including weekend days). Presentations are to be given on the date specified during class time. Late presentations will be docked 5% each day they are delayed. Assignments will not be accepted beyond 3 weeks after the due date.

You may experience challenging circumstances for which extensions may be permitted. Please contact Meagan King a minimum of 2 weeks prior to due dates to explain your situation and she will try to accommodate. If you have a research trial or related activities which prohibit your attendance for a small number of classes, she will help work around this, in discussion with your supervisor.

Try your best to contact me BEFORE your stress/schedule seems unmanageable. I am more than happy to help direct you to resources that can help you survive and thrive as a student!

Academic Integrity

Each student in this course is expected to complete their coursework and programs of study with integrity by making a commitment to the six fundamental values of honesty, trust, fairness, respect, responsibility, and courage. <http://umanitoba.ca/student-supports/academic-supports/academic-integrity>

Academic integrity looks like referencing the work of others that you have used and completing your assignments independently unless otherwise specified.

If you are encouraged to work in a team, ensure that your project is completed with 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.

Specific course requirements for academic integrity for individual and group work include:

- I. All work should be completed independently unless otherwise specified,

- II. Students will be made aware of any specific instructions concerning study groups and individual assignments;
- III. Sharing of notes and other materials, such as assignment and exam questions that were provided by the instructor is prohibited, unless otherwise stated. This means that you are not allowed to upload the instructor's intellectual property to a note-sharing or tutoring website without explicit permission.

Using Copyrighted Material

Please respect copyright. We will use copyrighted content in this course. I have ensured that the content I use is appropriately acknowledged and is copied in accordance with copyright laws and university guidelines. Copyrighted works, including those created by me, 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 UMan 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/> or contact um_copyright@umanitoba.ca.

Note: *Course material is copyrighted by Meagan King, 2021. No audio or video recording of this material, lectures, or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of Meagan King. Course materials (both paper and digital) are for the participant's private study and research, and must not be shared without permission from Meagan King. Violation of these and other Academic Integrity principles, will lead to serious disciplinary action.*

Copyright info:

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.

LEARNER SUPPORT

Academic supports you may find helpful:

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. Bannatyne students can contact the Bannatyne Student Services office at 204-272-3190.

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 & physical health supports you may find helpful:**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

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

537 UMSU University Centre

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

Student Services at Bannatyne Campus

Contact SS@BC to access a full range of resources and supports for learners at the Rady Faculty of Health Sciences. Services are provided through a one-stop hub that includes a range of supports for personal and academic success, including counselling, mental health consultation, and spiritual care.

Student Services at Bannatyne Campus

<https://umanitoba.ca/student-supports/student-services-bannatyne-campus>

bcss@umanitoba.ca

S211 Medical Services Building

(204) 272-3190 (Intake and Triage Specialist)

Please check out the University and Unit policies, procedures, and supplemental information available on-line:

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) <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 to 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

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: 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 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