



**University of Manitoba**  
**Faculty of Agricultural and Food Sciences**  
**Department of Food and Human Nutritional Sciences**

Food 4500  
Food safety: Law and Regulation

N.B. This syllabus is indicative and subject to change.

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**COURSE DETAILS**

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<b>Course Title &amp; Number:</b>	<b>Food 4500 Food Safety: law and regulation</b>
<b>Number of Credit Hours:</b>	3
<b>Class Times &amp; Days of Week:</b>	Tuesday and Thursday 13:00 to 14:15
<b>Location for classes/labs/tutorials:</b>	CISCO WebEx Meetings via UMLearn (UMLearn> Course page> Communications> Click on the scheduled event. (see the class schedule)
<b>Pre-Requisites:</b>	Undergraduate level FOOD 4150 Minimum Grade of D or Undergraduate level 078 415 Minimum Grade of D) or (Undergraduate level FOOD 4300 Minimum Grade of D or Undergraduate level 078 430 Minimum Grade of D)
<b>Voluntary Withdrawal Date</b>	March 31, 2021

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**Instructor Contact Information**

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<b>Instructor(s) Name:</b>	Snehil Dua
<b>Preferred Form of Address:</b>	First name or Anything polite
<b>Office Location:</b>	Via Zoom
<b>Office Hours or Availability:</b>	Office hours normally 9:00 – 10:00 AM, Tuesdays, via Zoom Here's the link, <a href="#">Zoom Office hour link</a> Meeting ID: 912 4560 2799
<b>Office Phone No.</b>	or contact by email <a href="mailto:Snehil.Dua@UManitoba.ca">Snehil.Dua@UManitoba.ca</a> Office closed
<b>Email:</b>	See above: I will attempt to answer emails within 48 hours on the weekdays. I usually do not respond to my emails on the weekends.
<b>Contact:</b>	If you want to contact me, an email with the subject heading <b>your name and Food 4500</b> is best, but you can also see me after a class session or during my normal office hours (see above)

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### **Course Description**

An examination of the role of government, industry, and consumers in assuring a safe food supply: Important legislation, and legislative process; multi-jurisdictional issues; causes of major failures; overcoming obstacles preventing improvement.

What is food safety? Costs, causes, morbidity, mortality; the changing nature; control systems; proactivity versus reactivity.

### **General Course Information**

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A knowledge of food microbiology is essential.

### **Course Goals**

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The broad goal of this course is to enable you to understand the need for and complexity of legislation and regulation in the maintenance of a safe food system.

### **Intended Learning Outcomes**

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The course will introduce you to the potential hazards of the food supply system and how these hazards may be mitigated. Through this course you will be able to:

1. Explain the risks associated with food safety
2. Critically analyze the surveillance/inspection programs in protecting the food supply.
3. Explain the roles of government agencies, industry, and consumers in assuring safe food.
4. Summarize the risk assessment process with respect to food safety legislation.
5. Use and access publicly available sources of legislation and regulation on food safety.

### **Using Copyrighted Material**

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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 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/> or contact [um\\_copyright@umanitoba.ca](mailto:um_copyright@umanitoba.ca).

### **Recording Class Lectures**

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Snehil Dua 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 Snehil Dua, unless you have approval from Student Accessibility Services. Course materials (both paper and digital) are for the participant's private study and research only and must not be uploaded to the internet or shared in any way either physically or electronically.

When there is a lecture delivered, I will remember to record it on Cisco Webex. I would appreciate if you remind me to do so if I forget. If no one remembers, there will be no recording!

### **Textbook, Readings, Materials**

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Required course package: IVEY Case studies

. Access to US, Canadian, UK, EU and Australian government/agency websites dealing with food safety is necessary. Guidance on the websites that are useful in this context is given on UMLearn

### Course Technology

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It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. You can use all technology in a classroom setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. You should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline “gaming” during scheduled class time. (adapted from ©[S Kondrashov](#). Used with permission)

#### **Remote learning protocol:**

**Lecture time: Join Cisco WebEx meetings as scheduled at least a couple of minutes before the start of each session. Please keep yourself muted unless you want to ask a question, make a comment, or participate in the discussion.**

**During class discussion sessions, please turn on your camera. It is easier to interact if we can see one another.**

**Tests: The tests will be conducted via UMLearn. Please ensure that you are using a device that is compatible with Respondus monitor, has a working webcam, and a working microphone.**

**Chromebooks and cellphones are not compatible.**

Material for this course will be uploaded to UM Learn. Please see [http://intranet.umanitoba.ca/academic\\_support/Centre for the Advancement of Teaching & Learning/resources/wikis\\_blogs.html](http://intranet.umanitoba.ca/academic_support/Centre for the Advancement of Teaching & Learning/resources/wikis_blogs.html). for support in using this system

### Class Communication

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The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit:

[http://umanitoba.ca/admin/governance/media/Electronic\\_Communication\\_with\\_Students\\_Policy\\_-\\_2014\\_06\\_05.pdf](http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf)

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

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**Attend all lecture. Much of the work for this course will be carried out in small groups of 2-3 students. Please ensure that you share the responsibilities equally, equitably and fairly.**

Participate,

Demonstrate willingness to learn,

Be courteous,

Show academic integrity and honesty.

Work effectively as a team to design and execute class activities.

Not to leave the class before it ends unless there is an emergency to which you must attend. Leaving a class before the end is disrespectful to your instructor and disruptive towards your fellow students.

Not use your cell phone- Please be respectful in class and turn your cell phone off or onto vibration mode for the duration of the class.

Use your laptop computers to aid your learning- Laptops are a perfect way to take notes in class and share information with peers; be respectful to the instructor and other students while using laptops by staying on task in class.

Answer questions that I will ask of the class. I do not expect you always (or ever!) to get the correct answer, but I do expect you to try and to participate.

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### Students Accessibility Services

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#### 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)

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### Expectations: You Can Expect Me

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To treat you fairly and with respect.

I will remain in the session for 10 minutes after class to answer any immediate questions.

If I say something or use a term that you do not understand please ask for an explanation at the time in class, because it is most unlikely that you are the only one in the room who did not understand.

There is a lot of content, and for many if not most of you the content will be new and challenging. My role is to help you make sense of it and gain new understandings. My aim, therefore, is to provide support so that all students who engage with this course and its objectives will pass.

If I say something that you think is strange or not true, then I will respond as best I can to your respectful challenge or request for clarification.

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### Class Schedule

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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). All assignments submissions must be done on UMLearn by 11:55 P.M. of the deadline for each submission.

Day of 2021	Lecture	Required readings and/or assessment
January 19	Before we begin – course introduction	<i>Assignment 1: What are policies, laws and regulations? 2% Due Jan 21 1:00 PM</i>
January 21	L01– Canadian Legislative Framework	
January 26	No lecture	<b>Food and Health Policy in the Ontario Ministry of Agriculture, Food and Rural Affairs. Discuss the assigned topic on UMLearn. Deadline: 11:30 PM on January 27.</b>
January 28	L02 – Who is responsible for Food Safety in Canada?	Please read: What is your responsibility as a consumer? Section available on UMLearn.

February 2	<b>L03 – Food and Drug Act and regulations</b>	
February 4	<b>L03 – Food and Drug Act and regulations</b>	
February 11	<b>L04 - Safe Food for Canadians Act and regulations. (Highlights)</b>	
February 16	<b>Midterm break</b>	
February 18	<b>Midterm break</b>	
February 23	<b>L05 – Food safety and trade</b>	
February 25	<b>Guest speaker (Tentative)</b>	Please keep your webcams on during the lecture. The guest speaker will appreciate it.
March 2		<b>Midterm exam I (up to L 05). Available March 2 8:30 AM – March 3, 8:30 AM on UMLearn. There will be two quizzes: Midterm Test 1A: 20% (Respondus monitor enabled, closed book) + Midterm test 1B: 5% (open book)</b>
March 4	<b>No lecture</b>	<b>FOOD FOR THOUGHT: THE 2008 CHINA MILK SCANDAL case study. Discuss the assigned topic on UMLearn. Deadline: 11:30 PM March 8.</b>
March 9	<b>In-class: Your Policy Paper discussion</b>	Bring some ideas to discuss with your teammates. Submit your finalized topic on UMLearn by March 22, 11:30 PM (2%)
March 11	<b>L 06 – Food borne disease and recalls</b>	
March 16	<b>L 07 Risk assessment</b>	
March 23	<b>L 07 Risk assessment</b>	
March 25	<b>No lecture</b>	<b>WEGMANS AND LISTERIA: DEVELOPING A PROACTIVE FOOD SAFETY SYSTEM FOR PRODUCE. Read the case and Discuss the assigned topic on UMLearn. Deadline: 11:30 PM on March 29</b>
March 30	<b>L 08 – Food Labels and L 09 – Nutrition labels and claims</b>	

April 1	<b>L10 – Organic produce regulations and L11– Market Authorization + US/Canada comparison</b>	
April 6	<b>No lecture</b>	<i>Midterm exam II (L06 – L11) 25% Allowed time: 60 minutes (tentatively). Available on UMLearn from April 6 @ 8:30 AM until April 7 @8:30 AM</i>
April 8	<b>No lecture</b>	<b>Food for thought: The Junk Food Act in Peru. Discuss the case on UMLearn by April 12, 11:30 PM</b>
April 13	<b>No lecture. I will be available via Cisco WebEx to answer any questions you may have regarding the paper.</b>	Review/revise your policy paper
April 15	<b>Wrap up</b>	Submit your paper on UMLearn

### Course Evaluation Methods

There is no final exam for this course.

<b>Assessments</b>	<b>Grade</b>
Law and regulation assignment	<b>2%</b>
Midterm 1 (A and B) (Available: March 2, 8:30 AM – March 3, 8:30 AM) A = 50 minutes, B= No suggested time limit	<b>20% + 6%</b>
Midterm 2 ( <i>Available on UMLearn from April 6 @ 8:30 AM until April 7 @8:30 AM</i> ) 60 min	<b>35%</b>
Case study discussions	<b>4 x 3% = 12%</b>
Topic submission (March 22) + Final group paper (April 15, 11:59 PM)	<b>2%+23% = 25%</b>
<b>TOTAL</b>	<b>100%</b>

### Assignment Descriptions

#### **Law and Regulation: 2%**

Provide an explanation of the difference and relationship between laws and regulations.

*Deadline for submission: Thursday, January 21 by 1:00 PM*

**Case study discussion: Various, detailed above. (12%)**

#### **Final paper: 25%**

Each group will prepare a paper proposing a new food safety/nutrition policy. All group members will share equally in the research and preparation. The final mark will be assigned to the group and will be the same for each member. The details will be available on UMLearn during the first week of February.

**The topic with a brief description** (1 paragraph) must be submitted on UMLearn by **11:30 PM on March 22. (2%)**

**Submit the final paper on UMLearn by April 15, 2021, by 11:30 PM. (23%)**



### Term tests:

Format: Short answer, multiple choices, fill the blank, true/false and/or matching.

Midterm I (A and B): Syllabus: L01 to L05 (26%; March 2).

Midterm II: Syllabus: L06 to L11 (35%; April 6).

### Attendance

Reasonable explanations of non-attendance provided in advance or supported after the event by independent documentary evidence (e.g. doctors certificate of illness) will be counted as attending the class.

### Grading

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Standardized grades used are those followed by the Food Science Department are given below. The relationship between the sum of the individual assignment % grades and final%/letter grade is indicative only. In assigning the final letter grade due note will be taken of overall performance across all assignments and tests. Please also note that A+ grade is “exceptional”: it will therefore only be granted as a rare exception!

	Final % grade	Letter Grade	Grade Point Value	
	90 - 100%	A+	4.5	Exceptional
	80 - 89%	A	4.0	Excellent
	75 - 79%	B+	3.5	Very Good
	67 - 74%	B	3.0	Good
	61 - 66%	C+	2.5	Satisfactory
	56 - 60%	C	2.0	Adequate
	50 - 55%	D	1.0	Marginal
	Under 50%	F	0.0	Failure
		P	Null	Pass

### Referencing Style

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I do not expect a particular referencing style, but I do expect the style you use to be consistent.

### Assignment Grading Times

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Your assignments will be marked and returned to you within an appropriate time. Due to the small size of the class, I do not have a grader/marker for this course. I intend to mark the assignments myself within two weeks of the submission deadlines. All assignments must be submitted on UMLearn. **Any submissions via email will be marked at the end of the term.**

### Assignment Extension and Late Submission Policy

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Assignment extensions will only be granted in cases of genuine need. You will need to talk to me in person as soon as possible if you require an extension. It is impossible to specify all occasions that might warrant an extension, but the death or funeral of a close relative would be a good reason, the death of a friend's pet dog would not.

Late submissions will be marked, but do not expect a prompt return of the work. Work that is not submitted on time disrupts the timely assessment and return of assignments. Late submission will incur a deduction of 5% for each weekday that the assignment is submitted after the deadline, unless an assignment extension has been permitted by me in advance of the deadline.

Other useful stuff that other instructors will have given you as well, but at least with electronic documents we don't have to cut down a rain forest!

### **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: <http://bit.ly/WcEbA1> or 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](http://www.umanitoba.ca/libraries).

**Section (b) sample:** re: A statement regarding mental health that includes referral information.

**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* <http://umanitoba.ca/student/health-wellness/welcome.html>

[Katie.Kutryk@umanitoba.ca](mailto: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>

### **Section (c) sample: re: A notice with respect to 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.

### **Section (d) sample: re: A statement directing the student to 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 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](http://umanitoba.ca/admin/governance/governing_documents/community/230.html)

### **Student Discipline**

[http://umanitoba.ca/admin/governance/governing\\_documents/students/student\\_discipline.html](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](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](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/media/Intellectual\\_Property\\_Policy\\_-\\_2013\\_10\\_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

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](mailto:student_advocacy@umanitoba.ca)