



UM | Faculty of Agricultural
and Food Sciences

Syllabus

FOOD/HNSC 4100: Current Issues in Food and Human
Nutrition

(Winter 2022)



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COURSE DETAILS

Course Title & Number:	Current Issues in Food and Human Nutrition – FOOD/HNSC 4100 A01
Number of Credit Hours:	3
Class Times & Days of Week:	Remote learning via Cisco Webex, until February 25, followed by in-person meetings afterwards (subject to change as per University guidelines at the time) 3 contact hours per week (Monday and Wednesday 8.30 am – 9.45 am)
Location for classes/labs/tutorials:	Remote learning delivered through Webex and UMLearn (until February 25), followed-by in-person classes (subject to change as per University guidelines at the time) If the instructor falls sick/needs to self-isolate, the course will be delivered online (temporarily)
Pre-Requisites:	Restricted to 4 th year majors in the Department. Prerequisites: completion of 84 credit hours in the program

Instructor Contact Information

Instructor(s) Name & Preferred Form of Address:	Dr. Maneka Malalgoda
Office Location:	Room 246, Ellis Building
Office Hours or Availability:	By appointment (please email to schedule an appointment). Available for questions from 9.45 am – 10.00 am after every class (exceptions may apply)
Office Phone No.	204-474-9837
Email:	Maneka.malalgoda@umanitoba.ca <i>Note:</i> All email communication must conform to the Communicating with Students university policy.
Contact:	Email; Virtual appointments via Webex or Teams; In-person appointments (subject to change as per University guidelines at the time)

Course Description

U of M Course Calendar Description

Integration of current issues in food and human nutritional sciences. Emphasis on ethics, equity, economics, and professional approaches to challenges in food and human nutritional sciences using case studies, teamwork, and scientific communication to specialists and the public. This is a capstone course restricted to students in year 4 of the B.Sc. Food Science degree programs. May not be held with [HNSC 4100](#) or [AGRI 4100](#) or the former FOOD 4120. Prerequisite: [AGRI 2030](#) and Faculty approval.

General Course Description

This course is a critical study of research in the field of food and human nutrition and is composed of activities geared towards improving written and oral communication skills. Students will engage in advanced study and scholarly discussions in a student-centred learning environment and gain a holistic view on presenting technical information to expert and non-expert audiences. This course will be beneficial to students seeking the opportunity to learn how to convey complex information in a comprehensive and clear manner.

Course material posted on UMLearn are critical components of the course and are integral elements that will be used to promote discussions and other activities. Thus, students are encouraged to regularly check for updates.

Course Goals

- Develop students' critical thinking skills and the ability to evaluate specific topics in food science and nutrition using suitable resources such those provided through UofM libraries
- Provide a good understanding of tools (for example, referencing programs and library resources) that can be used in writing scholarly articles
- Develop students' writing skills and the ability to express technical information and ideas clearly and in a well-organized manner
- Develop students' oral communication skills and provide the tools needed to effectively communicate with different audiences.

Course Learning Objectives

By the end of the course, students should be able to,

- Conduct comprehensive reviews on specific topics in food science and nutrition using suitable resources
- Be able to use different resources and tools to develop scholarly written works and presentations
- Recognize and utilize specific skills needed to produce informative scholarly articles that are comprehensive, clear and technically sound
- Know how to organize contents of a scientific article in a logical manner
- Be able to write technical information to reach expert and non-expert audiences
- Produce presentations (oral communication) that are clear, informative, interesting and technically sound
- Effectively deliver contents of an oral presentation to reach the target audience

Textbook, Readings, and Course Materials

Required textbook – None

Supplementary readings – N/A, refer to material provided in UMLearn

Recommended or required materials (e.g. lab equipment, art supplies, computers, etc.) – laptops, smart phones, tablets and etc., internet access, FHNS department scanner is available to scan images

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 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.

Course Technology

You should check that technical requirements such as software and system requirements (i.e., operating system, web browser, user programs), hardware (i.e., hard disk drive, graphic card, sound card, memory) & peripherals (i.e., webcam, microphone), subscriptions or plug-ins (i.e., Adobe Flash Player, QuickTime Player, Java) that are needed for course completion are available. Please contact the department or UofM IST Service desk if you need assistance.

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner.

Expectations: I Expect You To

- Attend classes and participate in discussions
- Submit assignments as required and present oral presentations on assigned dates
- Regularly check UMLearn for reading material

I will treat you with respect and would appreciate the same courtesy in return. See [Respectful Work and Learning Environment Policy](#).

I expect you to follow these policies around Class Communication, Academic Integrity, and Recording Class Lectures.

The policies and services students are expected to follow/utilize:

Class Communication:

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.

Academic Integrity:

Each student in this course is expected to abide by the University of Manitoba [Academic Integrity principles](#). Always remember to reference the work of others that you have used. Also be advised that you are required to complete your assignments independently unless otherwise specified. If you are encouraged to work in a team, ensure that your project complies with the academic integrity regulations. You must do your own work during exams. Inappropriate collaborative behavior and violation of other

Academic Integrity principles, will lead to the serious [disciplinary action](#). Visit the [Academic Calendar](#), [Student Advocacy](#), and [Academic Integrity](#) web pages for more information and support.

Refer to specific course requirements for academic integrity for individual and group work such as:

- I. Group projects are subject to the rules of academic dishonesty;
- II. Group members must ensure that a group project adheres to the principles of academic integrity;
- III. Students should also be made aware of any specific instructions concerning study groups and individual assignments;
- IV. The limits of collaboration on assignments should be defined as explicitly as possible; and
- V. All work should be completed independently unless otherwise specified.

Recording Class Lectures:

No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission. Course materials (both paper and digital) are for the participant's private study and research.

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

Expectations: You Can Expect Me To

- Develop a class schedule, organize guest lectures and present course relevant information
- Chair in-class discussions, presentations and debates
- Evaluate and provide feedback on assignments and presentations
- Be available to address course related questions and concerns: I be available for 30 min after class time (exceptions may apply) to discuss any questions or comments you may have. I will also be available for meetings that can be scheduled via email. I will address questions sent by email as well.

CLASS SCHEDULE AND COURSE EVALUATION

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](#).

Class schedule: January 24 to April 20 2022 as of January 15, 2022.

Date	Class Content & Teaching Strategies
January 24, 2022	Course introduction and review of course topics
January 26, 2022	Introduction to database research and citations: How to use relevant databases to find relevant literature and cite appropriately – this lecture will be led by Mr. Ryan Schultz (UofM Libraries)

January 31, 2022	Using referencing tools: focus on Mendeley – this lecture will be led by Mr. Ryan Schultz (UofM Libraries)
February 2, 2022	Lecture and discussion: Identifying research implications, impact, and knowledge translation
February 7, 2022	Lecture: How to prepare a scholarly article
February 9, 2022	Lecture: How to prepare a scientific presentation Topics for scientific presentations due
February 14, 2022	Lecture: Scientific presentation skills Library assignment due
February 16, 2022	Q & A session and discussion on writing scholarly articles and scientific presentations
February 21, 2022	<i>University closed</i>
February 23, 2022	<i>Winter term break</i>
February 28, 2022	Scientific presentations
March 2, 2022	Scientific presentations
March 7, 2022	Scientific presentations
March 9, 2022	Scientific presentations
March 14, 2022	Scientific presentations
March 16, 2022	Scientific presentations
March 21, 2022	Scientific presentations
March 23, 2022	Discussion on presentations: How to improve
March 28, 2022	Discussion on preparing for a debate, gathering relevant information, and presenting to an audience
March 30, 2022	Debate
April 4, 2022	Debate
April 6, 2022	UM Libraries: Follow up questions
April 11, 2022	Follow-up discussion on debates
April 13, 2022	Q & A session of final papers and other course related concerns
April 18, 2022	Final paper due
April 20, 2022	Make up/ follow-up discussions
April 25, 2022	Make up (if needed)

¹Additional classes maybe added, or classes maybe cancelled based on extenuating circumstances

Evaluation		
Type of Assessment	Due Date	Value of Final Grade
Library assignment	February 14, 2022	10%
Individual project Presentation (25%) Final written paper (20%)	April 18, 2022	45%
Debate		30%
Participation in discussions		15%
		100%

Lab Expectations

N/A

Lab Schedule

N/A

Grading

Written assignment will be graded by the instructor

Oral presentations and debates will be evaluated by the instructor using guidelines/rubric provided in advance

The final term papers will be evaluated by the instructor. The paper will be graded as a 4th year student's paper

Please note that students who will not be able to present on scheduled dates or cannot participate in group debates on scheduled dates, should contact the instructor in as soon as possible

Letter Grade	Percentage out of 100	Grade Point Range	Final Grade Point
A+	90-100	4.25-4.5	4.5
A	80-89	3.75-4.24	4.0
B+	75-79	3.25-3.74	3.5
B	70-74	2.75-3.24	3.0
C+	65-69	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

Voluntary Withdrawal

Last date to drop Winter Term/ Summer Term spanning courses with refunds: February 4th 2022

Winter term voluntary withdrawal deadline: April 25th 2022

Please refer to the [Registrar's Office](#) web page for more information.

ASSIGNMENT DESCRIPTIONS

TITLE: Library assignment

GOAL: Develop skills to perform literature reviews on specific topics using suitable resources

PROCEDURE: Submit a paper describing the results of the specific database search

SUBMISSION GUIDELINES: Electronic submission

EVALUATION CRITERIA: Completeness of database research

TITLE: Scientific presentation

GOAL: Present technical content in an organized, informative and technically sound manner

PROCEDURE: Presentation on assigned date

SUBMISSION GUIDELINES: N/A

EVALUATION CRITERIA: Presentation will be evaluated by the instructor using evaluation guidelines provided prior to presentation

TITLE: Debate

GOAL: Present technical content in a clear manner and work in groups to present an overview of the selected topic

PROCEDURE: Presentation on assigned date

SUBMISSION GUIDELINES: N/A

EVALUATION CRITERIA: Debates will be evaluated by the instructor using evaluation guidelines that will be provided in advance.

TITLE: Final written paper

GOAL: Present scientific content in an organized, clear and comprehensive manner

PROCEDURE: Paper

SUBMISSION GUIDELINES: Electronic submission

EVALUATION CRITERIA: Scientific merit, organization, clarity and writing skills; guidelines will be provided in advance

TITLE: Participation

GOAL: Encourage active student participation in discussions

PROCEDURE: Participation in discussions

SUBMISSION GUIDELINES: N/A

EVALUATION CRITERIA: Participation

Referencing Style

Referencing style: APA format

Students are encouraged to use reference management software such as EndNote and Mendeley

Assignment Feedback

Formative and summative feedback will be provided electronically or in class. Feedback will be provided based on the evaluation rubrics for each assignment

Assignment Extension and Late Submission Policy

Assignments must be submitted electronically by midnight on the due date. There will be a deduction of 5% per day for each day that the assignment is delayed.

If a student is facing extenuating circumstances that might delay submission, please contact the instructor as soon as possible

UNIVERSITY SUPPORT OFFICES & POLICIES

Academic support available to 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 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 205 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.

Mental health support available to students:

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 [peer support from Healthy U](#) or 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 <https://umanitoba.ca/student/health-wellness/welcome-about.html>

britt.harvey@umanitoba.ca

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>

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.

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 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/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