

Western HealthSciences

Brescia School of Food and Nutritional Sciences

Course Outline Clinical Graduate Course

General Information

COURSE: FoodNutr 9994A

Term: Fall 2025

Year: 2025-2026



Instructors:

Dr. Janet Madill PhD, RD`

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COURSE DESCRIPTION: An up-to-date review and critical evaluation of the current medical nutrition management of diverse disease conditions in different stages of the life cycle.

LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

1. Discuss the metabolic and physiological alterations in selected diseases observed in different stages of the life cycle based on current literature.
2. Demonstrate communication, critical thinking, critical appraisal of literature and research skills relating to issues of the current medical nutritional management of selected diseases and clinical conditions.
3. Show an in-depth understanding of the current medical nutrition management of selected disease states and clearly explain the relationship between clinical conditions and dietary modifications.
4. Discuss the strengths and limitations of the current medical nutrition management of selected disease conditions, as well as suggest where future research is needed.

5. To think like a clinician, by following client-centered care incorporating identification, examination, and a critique of nutrition strategies.
6. To learn to act as each client's nutritional ombudsperson, ethically and with integrity in collaborative practice.
7. To complete several case studies, to expand the student's knowledge translation by screening, planning, intervening and monitoring and determining nutritional diagnoses.
8. To promote an in-depth understanding of the relationships between clinical conditions and nutrition modifications.

EXPECTATIONS AND ASSIGNMENTS:

- **Readings:** Students will be required to do background reading in preparation for each weekly clinical nutrition topic presentation, and research topic discussions. Mandatory and suggested readings will be provided at least a week ahead as much as possible.
- **Facilitated Case Studies:** In groups of two each student group will prepare 1 facilitated discussion and written summaries on a selected clinical research topic in clinical nutrition and human disease. The discussion will include a review and critique of a recent research article related to the topic. It is expected that the presentations will extend beyond the assigned readings. *Discussion materials are to be posted on Owl-Brightspace one-week before the class presentation. Please note not all students in the group will receive the same mark.*

RECOMMENDED REFERENCES:

- Academy of Nutrition and Dietetics. Nutrition Care Manual. Online resource available through the Beryl Ivey library website.
- Dietitians of Canada. Practice-based Evidence in Nutrition. Online resource available through the Beryl Ivey library website.
- Clinical Nutrition Resource Handbook, Sunnybrook Health Sciences Centre, 2021, chapters as required (also recommended for practicum:
<https://sunnybrook.ca/content/?page=clinical-nutrition-resource-handbook>

Note: Other interesting reference books and journals are available at the library. You are strongly encouraged to consult them. Many of these books will be mentioned throughout the course lectures.

Copyright and Intellectual Property

PowerPoint lecture slides and notes, lists of readings, in-class activities, assignment guidelines, and other components of the course materials are typically the intellectual property of the instructor. Unauthorized reproduction through audio-recording, video-recording, photographing, sharing on social media, or posting on course-sharing websites is an infringement of copyright and is prohibited. Such action may be considered a Code of Conduct violation and lead to sanctions.

EVALUATION:

• Facilitated Discussions-Case Studies	
Include review and critique of a research article	35%
Participation of all FD	5%
• Objective Structured Clinical Examinations (OSCEs)	40 %
• OSCEs reflection	5 %
• Indigenous Health Reflection [include one reading]	10%
• Reflection from IPE activities	5%
Total	100 %

TENTATIVE SCHEDULE OF LECTURES AND TOPICS:

Week 1: Monday September 8th

- Review of Course outline
- Living Learning Contract
- Discussion on Facilitated Case Studies
- Review of key elements of the Nutrition Care Process, Transplant case, PIPPA, Charting

Week 2: Monday September 15th

- **Indigenous Health with Guest Speaker: Marley Fisher, RD**
[quiz and reflection to be submitted within one week of this presentation]

Week 3: Monday September 22nd

- Nutrition Counselling Skill Development
- Introduction and preparation for OSCEs
- PIPPA and charting completed

Week 4: Monday September 29th

- *SGA mini-workshop*
- *IPE background information*

Week 5: Monday October 6th

- *Pediatric material*
- *Pediatric case*

Week 6: Monday October 13th

- *Thanksgiving-no class*

Week 7: Monday October 20

- *OSCEs and debrief*

Week 8: Monday October 27th

- *Facilitated Case Studies by students-[2 groups of 2~ 1.5 hours each]*

Monday November 3rd

- *Reading Week no class*

Week 9: Monday November 10th

- *Facilitated Case Studies by students-[2 groups of 2~ 1.5 hours each]*

Week 10: Monday November 17th

- *Facilitated Case Studies by students-[2 groups of 2~ 1.5 hours each]*

Week 11: Monday November 24th

- *Facilitated Case Studies by students- [2 groups of 2~ 1.5 hours each]*

Week 12: Monday December 1st

- *Facilitated Case Studies by students- [2 groups of 2~ 1.5 hours each]*

Week 13: Monday December 8th

- *Facilitated Case Studies by students- [2 groups of 2~ 1.5 hours each]*

COURSE POLICIES:

Participation/ Attendance: Everyone enrolled in the course is expected to participate in class discussions. Attendance at class is mandatory. Students who have not attended at least 75% of the lectures will not be able to pass the course.

Special permissions: NO special permission to reschedule a class presentation will be given for a student who has missed a scheduled class presentation except in cases with proper documentation to show a confirmed personal illness or a death in the student's immediate family.

Up to 10% of marks on each assignment and examination can be deducted for lack of proper English communication skills, including errors in spelling or grammar.

Brescia School of Food & Nutritional Sciences Graduate Course Information 2025-2026

Enrolment Restrictions

Enrollment in this course is restricted to graduate students in MScFN program in the Brescia School of Food and Nutritional Sciences

Support Services

There are various support services around campus and these include, but are not limited to:

1. Academic Support and Engagement - <http://academicsupport.uwo.ca>
2. Wellness and Well-being - <https://www.uwo.ca/health/>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>

Health and Wellness Services

Students who are in emotional/mental distress should refer to Mental Health Support at <https://www.uwo.ca/health/psych/index.html> for a complete list of options about how to obtain help.

Statement on Gender-Based and Sexual Violence

Western is committed to reducing incidents of gender-based and sexual violence (GBSV) and providing compassionate support to anyone who is going through or has gone through these traumatic events. If you are experiencing or have experienced GBSV (either recently or in the past), you will find information about support services for survivors, including emergency contacts at the following website:

https://www.uwo.ca/health/student_support/survivor_support/get-help.html

To connect with a case manager or set up an appointment, please contact support@uwo.ca

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at Western University, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed and set out the disciplinary procedures that the University will follow. For more information, visit

<https://www.uwo.ca/univsec/pdf/board/code.pdf>

Statement on Academic Offences

Scholastic offences are taken seriously, and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf

Additionally,

- A) All required papers may be subject to submission for textual similarity review to the commercial plagiarism-detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).
- B) Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Copyright and Intellectual Property

Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. Unless explicitly noted otherwise, you may not make audio or video recordings of lectures – nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.

Policy for Accommodation for Class Absence, Late and/or Missed Assignments

In case of a class absence, the student will notify the instructor as soon as possible. The student is responsible for any missed material covered during class. In case of missed assessments, a penalty of 10% will be applied for late work without accommodation. Missed assignment more than 7 days late will be assigned a mark of zero without accommodation. In arranging accommodation, instructors will use good judgment and ensure fair treatment for all students. Students who have been denied accommodation by an instructor may appeal this decision to the Graduate Chair of the Brescia School of Food and Nutritional Sciences (see “Appealing a Grade Within this Course” for details on appeals).

Policy for Accommodation for Missed Final Exam

In case of a missed final exam, permission to write a Special Examination may be given on the basis of compassionate or medical grounds with appropriate supporting documents. Please speak with your instructor about the date on which the Special Examination for this course will be held.

Use of Artificial Intelligence for the Completion of Course Work

Within this course, artificial intelligence tools (e.g., “ChatGPT”) may only be used if, or in ways, specifically authorized by the course instructor. All submitted work must reflect your own thoughts and independent written work.

Accessible Education Western (AEW)

Western is committed to achieving barrier-free accessibility for all its members, including graduate students. As part of this commitment, Western provides a variety of services devoted to promoting, advocating, and accommodating persons with disabilities in their respective graduate program.

Graduate students with disabilities (for example, chronic illnesses, mental health conditions, mobility impairments) are strongly encouraged to register with Accessible Education Western (AEW), a confidential service designed to support graduate and undergraduate students through their academic program. With the appropriate documentation, the student will work with both AEW and their graduate programs (normally their Graduate Chair and/or Course instructor) to ensure that appropriate academic accommodations to program requirements are arranged. These accommodations include individual counselling, alternative formatted literature, accessible campus transportation, learning strategy instruction, writing exams and assistive technology instruction

Appealing a Grade Within this Course

You have the right to appeal any grade within this course. The grounds for a grade appeal may be one or more of: medical or compassionate circumstances, extenuating circumstances beyond the student’s control, bias, inaccuracy, or unfairness. All grounds advanced in a request for relief must be supported by a clear and detailed explanation of the reasons for the request together with all supporting documentation. For more details information, student can consult [this](#) resource.

Appeals generally proceed in this order:

1. Course instructor (informal consultation)
2. Graduate Chair (submission of written request)
3. SGPS (submission of written request)

