



UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

UNDERGRADUATE MEDICAL EDUCATION (UME)
Medical Doctor Program (MD)

COURSE OUTLINE

Course Number:	MDCN 410
Course Name:	RENAL – Endocrine, Nephrology and Obesity
Dates:	6th April 2021- 15th June 2021
Schedules and classroom locations:	For pre-clerkship: Year 1 & 2 timetable is here UME Course Outlines Cumming School of Medicine University of Calgary (ucalgary.ca)

	Name	Email
Course Chair:	Dr. Hanan Bassyouni (Endocrinology)	harbassy@ucalgary.ca
Course Chair:	Dr. Adam Bass (Nephrology)	Adam.bass@ahs.ca
Evaluation Rep:	Dr. Shelly Bhayana (Endocrinology) Dr. Elena Qirjazi (Nephrology)	Shelly.Bhayana@ahs.ca elena.qirjazi@ucalgary.ca
UME Program Coordinator:	Andrea Ancelin	Course4@ucalgary.ca

Student Course Rep:	Mark Hassell	mjhasell@ucalgary.ca
Student Exam Rep:	Lindey Felske	Lindey.felske@ucalgary.ca

Course Description
Integrated Clinical Presentations related to the Renal and Endocrine systems. Students will learn how to diagnose, investigate and manage clinical presentations such as acute and chronic renal failure, generalized edema, hypertension, abnormal electrolytes, neck mass, abnormalities of blood lipids, diabetes, etc

Prerequisites
Not applicable in the MD program.

Supplementary Fees/Costs
<ul style="list-style-type: none"> • Lab Coat • Stethoscope • iClickers

Learning Objectives
All learning objectives are located in the Course Core Document/Syllabus which can be located online in the student information system (OSLER) and on our MD Program website:

Course Text(s)/Recommended Reading/Learning Resources

Recommended Core Textbook

- Essential Endocrinology & Diabetes – Richard Holt & Neil Hanley 6th Ed 2012
- Greenspan's Basic & Clinical Endocrinology D. Gardner, Dolores Shoback 9th Ed. 2011 (Lange Series)
- Primer on Kidney Disease

Evaluation and Course Requirements

EXAMS

TWO FORMATIVE EXAMS:

FORMATIVE 1: The formative online exam is a multiple choice format to be completed **between 9:00am on Monday April 26th 2021 to 4:00pm on Friday April 30th, 2021**

FORMATIVE 2: The formative online exam is a multiple choice format to be completed **between 9:00am on Monday May 17th 2021 to 4:00pm on Friday May 21, 2021.**

Instructions and log-in details will be emailed to you. Writing the formative exam is mandatory and will let you experience the level of performance expected from students in this course. It will also help you to decide where you need to focus your studies prior to the summative exams. We will be reviewing the formative exam to help with emphasis for the planning of review week.

MID COURSE QUIZZES: There will be two multiple-choice format mid-course quizzes. Each quiz will be worth 17% of the final evaluation. They are each 1.5 hour in duration and include material up to 2 days prior to the quiz.

Quiz #1: Monday 3rd May 10:30 – 11:45 am (17%)

Quiz #2: Tuesday 25th May 10:30 – 11:45 am (17%)

FINAL EXAM: The final exam will consist of an MCQ exam - **June 15th 2021 (1:30- 5:00 pm)** worth 66%.

Endocrine Clinical Core: There are 2 components to the endocrine clinical core:

1. **PATIENT ASSIGNMENT:** The patient interviewed virtually will have a diagnosis of Diabetes, plus potentially (but not necessarily) other co-morbidities of metabolic derangement. The patient will be physically and mentally able to be interviewed for about an hour (or have a "significant other" knowledgeable about the patient who would be willing to respond to the questions asked). The information obtained during the assessment should be organized and summarized, then presented to the rest of your small group on Monday May 31 8:30-10.20. **Please note that the completion of the**

interview AND presentation of the interview findings at the Small Group session are a mandatory component to pass the course. Please note that attending this 2 hour session to present your patient is mandatory to passing the course and does **NOT count as part of the traditional small groups for the course.**

2. There is a 2 hour session with rotating stations with patients presenting with different endocrine conditions on June 8th and June 10th from 1:30-3:30. **Please note that attending this 2 hour session is mandatory to passing the course and does NOT count as part of the traditional small groups for the course.**

Calculators for MCQ exam –calculators are allowed Course 4 exams

Grading

The University of Calgary Medical Doctor Program is a Pass/Fail program. The grading system that will appear on a student's legal transcript is as follows:

Grade	Description
CR	Completed Requirements
RM	Remedial Work Required
F	Fail
I	Incomplete
W	Withdrawal
MT	Multi-Term (Used for Part A Courses that fall under 2 different terms in the calendar year.)

For Pre-Clerkship - A student's final grade for the course is the sum of the separate components. It is not necessary to pass each mandatory components separately in order to pass the course.

For Clerkship - A rotation signed off as "Satisfactory with Performance Deficiencies" will appear as a credit on a student's medical school transcript.

Assignments/Projects

The following criteria shall generally apply to all written assignments. Faculty responsible for grading specific assignments may add additional criteria.

Timeliness

In general, dates listed in Core Documents are intended to act as guidelines for assisting students to complete their learning activities and assignments in a timely fashion. Students encountering difficulties completing assignments due to health or other serious factors must contact the Course Chair to arrange a deferral of term work. A Physician/Counsellor Statement to confirm an absence for health reasons may be required.

Professional Conduct

As members of the University community, students and staff are expected to demonstrate conduct that is consistent with the University of Calgary Calendar. The specific expectations cited in the Calendar include:

- respect for the dignity of all persons
- fair and equitable treatment of individuals in our diverse community
- personal integrity and trustworthiness
- respect for academic freedom, and
- respect for personal and University (or Host Institution) property.

Students and staff are expected to model behaviour in class that is consistent with our professional values and ethics. Students and staff are also expected to demonstrate professional behaviour in class that promotes and maintains a positive and productive learning environment. All students and staff are also expected to respect, appreciate, and encourage expression of diverse world views and perspectives. All members of the University community are expected to offer their fellow community members unconditional respect and constructive feedback. While critical thought, and debate, is valued in response to concepts and opinions shared in class, feedback must at all times be focused on the ideas or opinions shared and not on the person who has stated them.

Where a breach of an above mentioned expectation occurs in class, the incident should be reported immediately to the Associate Dean or his/her designate. As stated in the University Calendar, students who seriously breach these guidelines may be subject to a range of penalties ranging from receiving a failing grade in an assignment to expulsion from the University.

University of Calgary Medical School – Student Code of Conduct

<http://www.ucalgary.ca/mdprogram/current-students/student-code-conduct>

Electronic Submission of Course Work

Most assignments will be submitted via email to the Program Coordinator, UME unless otherwise stated. Assignments may be submitted in MS Word or Rich Text formats. It is the student's responsibility to confirm with the Program Coordinator that the assignment has been received. This may be done through utilization of the return receipt function available on most email packages, or by a follow up confirmation email to the Program Coordinator.

It is the Program Coordinator's responsibility to reply to any confirmation email from the student, and to inform the student promptly if there are any problems with the file (unable to open attachment, damaged data, etc.). In such cases, it is the responsibility of the student to promptly consult with the Program Coordinator regarding an alternate delivery method (e.g. courier, fax, etc.). It is the student's responsibility to retain a copy of the original document.

One45 Overview

The MD Program utilizes the One45 Software Program for assessment purposes for all evaluations in Year 1, 2 and 3. Students are able to view completed evaluations online through this software program. Evaluations and assessment data is collected at regular intervals.

It is the student's responsibility to distribute their evaluations to preceptors during any given course and to follow up with preceptors if evaluations have not been completed by the deadline given out by the Undergraduate Medical Education Office.

In addition to assessments and evaluations, One45 is also utilized to evaluate your preceptors and to

gather information from students on their learning experiences.

All students are provided training at the beginning of their program in Year 1. This would include a personal log in access code and password.

One45 is used throughout your training in the MD Program (Undergrad) as well as Residency (PGME).

Website Link to Access One45: <https://calgary.one45.com/>

Problems Accessing One45: Please contact the Academic Technologies at osler@ucalgary.ca

Course Evaluation/Feedback

Student feedback will be sought at the end of each learning session as well as at the end of each course through the electronic UME evaluation tool.

At the end of each learning activity (ie. Lecture, small group, orientations, etc.), students will be asked to complete online evaluation forms to provide feedback to instructors regarding the effectiveness of their teaching and achievement of the learning objectives. An overall course evaluation will be completed following course completion.

Students are welcome to discuss the process and content of the course at any time with the Course Chairs or Preceptors.

Clinical Core Overview (Pre-Clerkship Only)

Please refer to the Clinical Correlation Guidelines here:

<http://www.ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference>

Course specific learning objectives for Clinical Core in the setting of this course can be found in the course document.

Clinical Correlation Rules of Conduct

Students and preceptors will not be used as patients for clinical correlation sessions. This means that students will not examine the preceptor, the preceptor will not examine the students and students will not examine one another.

UME Policies, Guidelines, Forms & TORs

Please refer to the MD program website

<http://www.ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference>

Appeals

Please refer to the UME Student Evaluation: Reappraisals and Appeals for details regarding appeals (<http://www.ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference>).

If the student appeals to the Student Evaluation Committee and disagrees with the decision, the student may further appeal to the Cumming School of Medicine Medical Student Appeals Committee (MSAC).

(<http://ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference>)

Academic Accommodation

Students needing an accommodation because of a disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities_0.pdf .

Student Accessibility Services, please contact their office at (403) 220-8237, address: MacEwan Student Centre room 452 or email: access@ucalgary.ca. Students who have not registered with the Student Accessibility Services are not eligible for formal academic accommodation.

Accommodations on Protected Grounds Other Than Disability

Students who require an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to the appropriate Assistant or Associate Dean

Students who require an accommodation unrelated to their coursework, based on a protected ground other than disability, should communicate this need, preferably in writing, to the Vice-Provost (Student Experience).

For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/.

Academic Integrity

The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

It is expected that all work submitted in assignments should be the student's own work, written expressly by the student for this particular course. Students are referred to the section on plagiarism in the University Calendar (<http://www.ucalgary.ca/pubs/calendar/current/k-5.html>) and are reminded that plagiarism is an extremely serious academic offence.

Student Misconduct

A single offence of cheating, plagiarism, or other academic misconduct, on term work, tests, or final examinations, etc., may lead to disciplinary probation or a student's suspension or expulsion from the faculty by the Dean, if it is determined that the offence warrants such action. A student is defined as any person registered at the University for credit or non-credit courses.

Freedom of Information and Protection of Privacy

The Freedom of Information and Protection of Privacy (FOIP) Act indicates that assignments given by you to your course instructor will remain confidential unless otherwise stated before submission. The assignment cannot be returned to anyone else without your express permission. Similarly, any information about yourself that you share with your course instructor will not be given to anyone else without your permission.

Emergency Evacuations and Assembly Points

Assembly points for emergencies have been identified across campus. The primary assembly point for the Health Sciences Centre (HSC) building is HRIC - Atrium. For more information, see the University of Calgary's Emergency Management website: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

Emergency Evacuation Procedures- <https://www.ucalgary.ca/emergencyplan/system/files/hsc.pdf>

In the case of an emergency during exam, immediately stop writing the examination and follow the direction of the invigilator and go to the nearest exit. Students should not gather personal belongings.

Internet and electronic device information and responsible use:

Students are welcome to use laptops and other electronic note-taking devices in this course unless otherwise stated. Please be considerate of others when using these devices.

Supports for student learning, success, and safety

Student Advising and Wellness (SAW): <http://www.ucalgary.ca/mdprogram/current-students/student-advising-wellness>

AMA Physician and Family Support Program:

<https://www.albertadoctors.org/services/physicians/pfsp>

Student Union Wellness Centre: <https://www.ucalgary.ca/wellnesscentre/>

Safewalk: <http://www.ucalgary.ca/security/safewalk>

Campus security - call (403) 220-5333

Student Success Centre: <https://www.ucalgary.ca/ssc/>

Library Resources: <http://library.ucalgary.ca/>

Student Union (<https://www.su.ucalgary.ca/about/who-we-are/elected-officials/>) or Graduate

Student's Association (<https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/>) representative contact information

Student Ombudsman: <http://www.ucalgary.ca/ombuds/role>

Copyright

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy. Copyright and Fair Dealing for Students:

http://library.ucalgary.ca/files/library/guidance_for_students.pdf

Wellness and mental health resources

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre,

<https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

Research ethics

If a student is interested in undertaking an assignment that will involve collecting information from members of the public, he or she should speak with the Assistant Dean, Research (UME) and consult the CHREB ethics website (<https://ucalgary.ca/research/researchers/ethics-compliance/chreb>) before beginning the assignment.

ATSSL Guidelines

Please refer to the ATSSL Web Lab PPE Requirement:

<http://www.ucalgary.ca/mdprogram/about-us/ume-policies-guidelines-forms-terms-reference>

Evaluation and Course Requirements

Student learning will be assessed through the completion of the following formative & summative mandatory evaluative learning activities.

MC = Must Complete

MP = Must Pass

- Attendance and participation in mandatory teaching sessions = MC
- Two Formative Online MCQ Exam = MC
- Two Summative Quizzes = MC
- Summative MCQ Exam = MC
- Endocrine Clinical Core Sessions = MC
 - Diabetes interview (To be completed in April/May and presented on May 31 Small Group #19)
 - Endocrine Rotating Stations (To be completed on June 8 small group #24 for students in SG 8-14 & June 10 small group #26 for students in SG 1-7)
- Satisfactory Overall (All Summative & Mid Term Components Combined) = MP

The course grade will be composed of the following:

- Quiz 1 (17%)
- Quiz 2 (17%)
- Summative/Final MCQ Exam (66%)

In the event that a student is unsatisfactory overall, a rewrite of the Summative/Final MCQ Exam will be required. In this case, the final course grade will be composed of the following:

- Rewrite MCQ Exam (100%)