UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

Undergraduate Medical Education (UME)
Medical Doctor Program (MD)
Course Outline

Land Acknowledgement
Territorial Land Acknowledgement https://www.ucalgary.ca/indigenous/cultural-teachings/territorial-land-acknowledgement

Course Number:	MDCN 555
Course Title:	Clerkship 3
Dates:	Jan 5, 2026 - April 25, 2027
Schedules and classroom locations:	All information, including day to day detailed schedule with dates, times and locations of learning events, is located on the curriculum management system currently named OSLER. For clerkship: rotation schedule & location information will be emailed

	Name	Email
Anesthesia Clerkship Director:	Dr. Karl Darcus	anaesth@ucalgary.ca
Anesthesia Evaluation Rep:	Dr. Alexandra Rotstein	anaesth@ucalgary.ca
Anesthesia UME Program Coordinator:	Tanaaz Lakhani	anaesth@ucalgary.ca

	Name	Email
Elective Clerkship Director:	Dr. Scott McLeod	elective@ucalgary.ca
Elective UME Program Coordinator:	Tania Pander	elective@ucalgary.ca

	Name	Email
Emergency Medicine Clerkship Director:	Dr. Landon Leinweber	emerg@ucalgary.ca
Emergency Medicine Evaluation Rep:	Dr. Emmeline Ruka	emerg@ucalgary.ca
Emergency Medicine UME Program Coordinator:	Tanaaz Lakhani	emerg@ucalgary.ca

	Name	Email
Family Medicine Clerkship Director:	Dr. Anila Ramaliu	famclerk@ucalgary.ca
Family Medicine Evaluation Rep:	Dr. Jimmy Vantanajal	famclerk@ucalgary.ca
Family Medicine UME Program Coordinator:	Karishma Sutar	famclerk@ucalgary.ca

	Name	Email
Internal Medicine Clerkship Director:	Dr. Tara Lohmann	intmed@ucalgary.ca
Internal Medicine Evaluation Rep:	Dr. Taylor Wong	intmed@ucalgary.ca
Internal Medicine UME Program Coordinator:	Karishma Sutar	intmed@ucalgary.ca

	Name	Email
Obstetrics and Gynecology Clerkship Director:	Dr. Elizabeth Russell Dr. Kathy Kenny	ogclerk@ucalgary.ca ogclerk@ucalgary.ca
Obstetrics and Gynecology Evaluation Rep:	Dr. Kyle Lafreniere	ogclerk@ucalgary.ca
Obstetrics and Gynecology UME Program Coordinator:	Tania Pander	ogclerk@ucalgary.ca

	Name	Email
Paediatric Clerkship Director:	Dr. Susan Bannister	peds@ucalgary.ca
Paediatric Clerkship Deputy Director:	Dr. Julian Midgley	peds@ucalgary.ca
Paediatric Evaluation Rep:	Dr. Nicole Johnson	peds@ucalgary.ca
Paediatric UME Program Coordinator:	Tanaaz Lakhani	peds@ucalgary.ca

	Name	Email
Psychiatry Clerkship Director:	Dr. Huntae Kim	psych@ucalgary.ca
Psychiatry Evaluation Rep:	Dr. Alex Di Ninno	psych@ucalgary.ca
Psychiatry UME Program Coordinator:	Tania Pander	psych@ucalgary.ca

	Name	Email
Selective Clerkship Director:	Dr. Scott McLeod	selective.md@ucalgary.ca
Selective UME Program Coordinator:	Sabah Pirvani	selective.md@ucalgary.ca

	Name	Email
Surgery Clerkship Director:	Dr. Caleb Zavitz	surgery1@ucalgary.ca
Surgery Evaluation Rep:	Dr. Anne Ritter	surgery1@ucalgary.ca
Surgery UME Program Coordinator:	Tanaaz Lakhani	surgery1@ucalgary.ca

	Name	Email
UCLIC Clerkship Director:	Dr. Rithesh Ram	uclic@ucalgary.ca
UCLIC Assistant Director	Dr. Jonathan Somerville	uclic@ucalgary.ca
UCLIC UME Program Coordinator:	Sabah Pirvani	uclic@ucalgary.ca
DLRI Educational Coordinator	Nicolle Begert	uclic4me@ucalgary.ca

Course Description
University of Calgary calendar (https://calendar.ucalgary.ca/) https://calendar.ucalgary.ca/courses?cq=&career=Medicine%20Programs&page=1 A continuation of Medicine 553 as is designed to provide medical students with a comprehensive and immersive experience across ten mandatory clinical experiences: Psychiatry, Emergency Medicine, Obstetrics & Gynecology, Family Medicine, Internal Medicine, Surgery, Pediatrics, Anesthesia, electives and selectives. Over four sequential terms, students will engage in hands-on learning, clinical skills development, and multidisciplinary teamwork, allowing them to apply theoretical knowledge in real-world healthcare settings.

Supplementary Fees/Costs
Medical School Costs https://cumming.ucalgary.ca/mdprogram/current-students/financial-aid/medical-school-costs **Financial Planning and Support Links** https://cumming.ucalgary.ca/mdprogram/future-students/financial-aid/financial-planning-and-support-links

Learning Resources and Learning Objectives
All learning resources will be found on Fresh Sheet and/or OSLER. For detailed learning resources and learning objectives for each rotation, please refer to the core documents available on OSLER (https://osler.ucalgary.ca/courses). Select the rotation corresponding to your class. Learners are encouraged to review the relevant core document and learning objectives prior to commencing any clerkship rotation to ensure a clear understanding of rotation requirements and expectations.

Evaluation and Course Requirements
MP = must pass (failure to do so will result in overall evaluation of "Unsatisfactory" for rotation) MC = must complete (failure to do so will result in overall evaluation of "Satisfactory with Performance Deficiency" Please refer to Clerkship Student Handbook - https://cumming.ucalgary.ca/mdprogram/current-students/clerkship/student-handbook and core document on OSLER - https://osler.ucalgary.ca/courses

Anesthesia • Daily Reports = MP# • Satisfactory Final ITER= MP • Logbook = MC • Clinical Expectations = MC • Attendance & participation in teaching session = MC# • Professionalism Expectations = MP • Meet all expectations outlined in Core Document = MC	**Family Medicine** • Satisfactory Final ITER= MP • Midpoint Formative ITER = MC • Patient-Centred Care Project = MP • SNAP Project = MC • Planetary Health Workshop = MC • Multimorbidity (required pre-work) = MC • Process and Formative Cards on FM = MC • Submit signed Final Clinical Calendars = MC • Logbook = MC • Clinical Expectations = MC • Attendance & participation in teaching session = MC • Professionalism Expectations = MP • Meet all expectations outlined in Core Document = MC
Emergency Medicine • 7 completed daily ITERs for shifts worked = MC# • Satisfactory Final ITER= MP	**Internal Medicine** • Satisfactory Final ITER= MP • MTU Midpoint Formative ITER = MC

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- Observed History & Physical = MC#
- Logbook = MC
- Clinical Expectations = MC
- Attendance & participation in teaching session = MC#
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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- Selective Midpoint Formative ITER = MC#
- Logbook = MC
- On-call Expectations = MC
- Clinical Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations in Core Document = MC

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Electives

- Satisfactory Final ITER= MP
- Clinical Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Selective

- Satisfactory Final ITER= MP
- Clinical Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Obstetrics & Gynecology

- Satisfactory Final ITER= MP
- Workbook = MC
- Logbook = MC
- Midpoint Formative ITER = MC
- Clinical Expectations = MC
- On-call Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Psychiatry

- Satisfactory Final ITER= MP
- Midpoint Formative ITER = MC
- Logbook = MC
- Clinical Expectations = MC
- On-call Expectations = MC
- Attendance & participation in teaching session = MC#
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Paediatrics

- Satisfactory Final ITER= MP
- Midpoint Formative ITER = MC
- Logbook = MC
- Passport = MP
- Clinical Expectations = MC
- On-call Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Surgery

- Satisfactory Final ITER= MP
- Midpoint Formative ITER = MC
- Logbook = MC
- 1 EPA #1 = MC
- Clinical Expectations = MC
- On-call Expectations = MC
- Attendance & participation in teaching session = MC
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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UCLIC

- Meet all expectations listed for urban clerks except those noted by #
- Must attend all UCLIC teaching sessions identified as mandatory
- Professionalism Expectations = MP
- Meet all expectations outlined in Core Document = MC

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Assessment Dates

The assessment dates may be subject to change due to circumstances beyond the MD Program's control. In the event that an assessment date must be changed notification of the change will be emailed to the student by the evaluation team and posted on OSLER. Students will be given as much notice of the assessment date change as possible.

Calculators for MCQ exam – simple calculators are allowed for your 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
W	Withdrawal

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

One45 by Acuity Insights 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 are collected at regular intervals.

It is the student's responsibility to distribute their evaluations to preceptors and to follow up with preceptors if evaluations have not been completed by the deadline given out by the Undergraduate Medical Education (UME) 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 by Acuity Insights is used throughout your training in the MD Program (Undergrad).
Website Link to Access One45 by Acuity Insights: https://calgary.one45.com/

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 Director of Continuous Quality Improvement, Undergraduate Medical Education

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. The use of laptop and mobile devices is acceptable when used in a manner appropriate to the course and classroom activities. Please refrain from accessing websites and resources that may be distracting to you or for other learners during class time. Students are responsible for being aware of the University's Internet and email use policy https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-electronic-resources-and-information-policy

Professional Conduct
Students, employees, and academic staff are also expected to demonstrate behaviour in class that promotes and maintains a positive and productive learning environment. As members of the University community, students, employees, and academic staff are expected to demonstrate conduct that is consistent with the University of Calgary Calendar, the Code of Conduct and Non-Academic Misconduct policy and procedures, which can be found at: https://calendar.ucalgary.ca/uofcregs/university-regulations/integrity-conduct Students and staff are expected to model behaviour in class that is consistent with our professional values and ethics to promote and maintain 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. 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 https://cumming.ucalgary.ca/mdprogram/current-students/pre-clerkship-year-1-2/student-code-conduct University of Calgary - Integrity and Conduct https://calendar.ucalgary.ca/uofcregs/university-regulations/integrity-conduct

Attendance and Participation Expectations
All learning events are mandatory. Attendance will be taken.

Reappraisals and Appeals
Please refer to the CSM Reappraisal of Graded Term Work and Academic Assessments and CSM UME Academic Assessment and Graded Term Work Procedures for details regarding reappraisals and appeals https://cumming.ucalgary.ca/mdprogram/about/governance/policies#c Please note by policy and terms of reference if the student plan to request a reappraisal of the result(s) of this exam/course, a formal reappraisal request in writing needs to be submitted to the Chair of Student Evaluation within 10 business days of receiving the result. Please refer to the CSM Reappraisal of Graded Term Work and Academic Assessments for further information. (https://cumming.ucalgary.ca/mdprogram/about/governance/policies) (under C). When a reappraisal has been submitted, any scheduled rewrite exams for that course will be on hold, depending on the outcome of the Reappraisal. Unless, under extenuating circumstances, and at the request of the student an early rewrite may be granted, if approved by the appropriate Assistant or Associate Dean.

Chair of Student Evaluation
Email - md.reappraisals@ucalgary.ca
Please complete the CSM Reappraisal Submission Form on the UME website to ensure all information has been included. (https://cumming.ucalgary.ca/mdprogram/about/governance/policies) – (under C)

If the student disagrees with the decision of the UME Student Evaluation Committee, the student may appeal that decision to the UME University Faculty Appeals Committee.

Academic Accommodation

It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations.

Students needing an accommodation because of a disability, or medical concerns should communicate this need to Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities https://www.ucalgary.ca/legal-services/university-policies-procedures/student-accommodation-policy.

For Student Accessibility Services, please contact the office at (403) 210-6019, visit: 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.

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 https://live-ucalgary.ucalgary.ca/student-services/access

Academic Integrity

The University of Calgary is committed to the highest standards of academic integrity and honesty. Academic integrity is a core value of the University of Calgary. At UCalgary, academic integrity is a commitment to, and the demonstration of, honest and responsible scholarship. Maintaining academic integrity while earning your degree represents your true academic accomplishments. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity.

Research integrity, ethics, and principles of conduct are key to academic integrity. Members of our campus community are required to abide by our institutional code of conduct and promote academic integrity in upholding the University of Calgary's reputation of excellence.

Student Academic Misconduct Policy and Procedure:
https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy
https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure

Additional information is available on the Academic Integrity Website at
https://ucalgary.ca/student-services/student-success/learning/academic-integrity

Use of Artificial Intelligence Tools

Generative Artificial Intelligence (AI), and specifically foundational models that can create writing, computer code, and /or images using minimal human prompting includes not only GPT-4 (and its siblings ChatGPT and Bing), but many writing assistants that are built on this or similar AI technologies.

In the MD program, learners may use artificial intelligence tools, including generative AI, as learning aids or to help produce assignments. Learners are ultimately accountable for the work they submit. Use of AI tools must be documented in an appendix for each assignment. The documentation should include what tool(s) were used, how they were used, and how the results from the AI were incorporated into the submitted work. Failure to cite the use of AI generated content in an assignment/assessment will be considered a breach of academic integrity and subject to Academic Misconduct procedures.

Academic Misconduct

Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

For information on the Student Academic Misconduct Policy and Procedure please visit:
https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy
https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure

Additional information is available on the Academic Integrity Website at:
https://ucalgary.ca/student-services/student-success/learning/academic-integrity

Research Ethics

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

Students are advised that any research with human participants – including any interviewing (even with friends and family), opinion polling, or unobtrusive observation – must have the approval of the Conjoint Faculties Research Ethics Board (https://research.ucalgary.ca/conduct-research/ethics-compliance/human-research-ethics/conjoint-faculties-research-ethics-board-cfreb) or the Conjoint Health Research Ethics Board https://research.ucalgary.ca/conduct-research/ethics-compliance/human-research-ethics/conjoint-health-research-ethics-board-chreb)

For further information see E.5 Ethics of Human Studies:
https://calendar.ucalgary.ca/pages/627ed88eb4b041b7a2e8155effac3501
For more information on ethics and compliance visit:
https://research.ucalgary.ca/research-services/design-and-implement/ethics-and-compliance

Intellectual Property

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course

materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

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: https://www.ucalgary.ca/risk/emergency-management

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. Emergency Evacuation Procedures - https://www.ucalgary.ca/risk/emergency-management/what-we-do/emergency-management-plans

Supports for Students

Student Affairs and Wellness Hub (SAWH): https://cumming.ucalgary.ca/mdprogram/current-students/student-advising-wellness

AMA Physician and Family Support Program: https://www.albertadoctors.org/services/physicians/pfsp

Student Wellness Services: https://www.ucalgary.ca/wellness-services

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

Campus security: call (403) 220-5333

Student Success Centre: https://ucalgary.ca/student-services/student-success

Libraries and Cultural Resources: http://library.ucalgary.ca/

Student Union: https://www.su.ucalgary.ca/about/who-we-are/elected-officials/

Graduate Student's Association: https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/

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

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).

Course Outline Privacy Statement/Collection Notice

PROTECTION OF PRIVACY ACT

The University of Calgary (UCalgary) respects your privacy and is committed to ensuring the privacy of all students, staff, and community members. UCalgary's collection, use, and disclosure of your personal information is authorized under section 4(c) of the Alberta *Protection of Privacy Act* (POPA). It will be collected, used and disclosed as permitted under POPA and in accordance with UCalgary's Privacy Policy and Notice of Collection, Use and Disclosure of Student Personal Information. All student assignments and personal information provided to your course instructor will remain confidential unless otherwise stated before submission. It may be used by UCalgary for program evaluation or accreditation purposes but will not be disclosed to anyone else without your permission unless permitted under POPA.

Copyright Legislation
All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy) 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 unauthorized 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 https://www.ucalgary.ca/legal-services/university-policies-procedures/student-non-academic-misconduct-policy.

Sexual and Gender-Based Violence Policy
The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at https://www.ucalgary.ca/legal-services/university-policies-procedures/sexual-and-gender-based-violence-policy

ATSSL Guidelines
Please refer to the ATSSL Web Lab PPE Requirement: https://cumming.ucalgary.ca/mdprogram/about/governance/policies

UME Policies, Guidelines and Terms of References (TORs)
Please refer to the MD program website: https://cumming.ucalgary.ca/mdprogram/about/governance

UME Forms
Please refer to the MD program website: https://cumming.ucalgary.ca/mdprogram/current-students/student-resources/student-forms