2018-19 Applicant Manual

The information contained in this Applicant Manual is valid for the 2018-2019 application cycle. Requirements and deadlines are subject to change from year-to-year.
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## Section 1: Application Timelines

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>July 1, 2018</td>
<td>New application cycle opens.</td>
</tr>
<tr>
<td>August 25, 2018</td>
<td>The last eligible MCAT sitting date.</td>
</tr>
</tbody>
</table>
| October 1, 2018, 11:59 p.m. | 1. Deadline to release your MCAT scores to the University of Calgary  
| MDT                         | ● This must be done on-line through the AAMC. It WILL NOT occur automatically.  
|                             | 2. Deadline to submit the on-line application.                      
|                             | 3. All transcripts, WES assessments (if applicable), reference letters, and the application fee must be received and MCAT scores must have been released. No extensions will be granted FOR ANY REASON. |
| Early February, 2019        | Interview (MMI) invitations sent out via email. UCAN on-line scheduler opens. |
| March 2, 3, and 16, 2019    | MMI Days.                                                            |
| Early May, 2019             | Admission decisions sent to all applicants via email.                |
| Late May, 2019              | Deadline for responding to initial offers of admission. First waitlist offers sent out. |
| June 21, 2019               | Final transcripts must be received.                                  |
| July 1, 2019                | Application will be available for the 2019-20 application cycle.     |
| July 3-4, 2019              | Mandatory orientation for all incoming medical students.             |
| July 5, 2019                | First day of class for the Class of 2022.                          |
Section 2: General Information

2.1 General Information
The content of this Applicant Manual reflects the sum of admissions policies as approved by the Cumming School of Medicine Admissions Committee. While every effort is made to ensure the accuracy of the Applicant Manual, the University of Calgary Academic Calendar remains the definitive source of admissions policies and practices for the current admissions cycle.

Please note that admissions policies are reviewed annually so the admissions requirements from the previous year may not apply. Because of the selective nature of the admissions procedures, deadlines are strictly enforced. All relevant documentation must be provided by the specified deadlines. Applicants must read the manual carefully and follow the instructions precisely.

Applicants who applied in past cycles will not have the ability to port their applications. Supporting documents are used only for the specified year, so you must secure new references through the system, request transcripts to be sent to the MD Admissions Office and release your MCAT scores to the U of C MD program every time you apply.

The Cumming School of Medicine is currently undertaking a comprehensive review of its MD application processes and policies. Changes to the application process will be announced one or two years (depending on the significance of the change) in advance of the change taking effect. Individuals considering applying in subsequent years are cautioned against assuming that the policies and practices outlined in this manual will be in effect for future application cycles.

General Inquiries and Technical Support: ucmedapp@ucalgary.ca

Mailing Address:
Office of MD Admissions
Cumming School of Medicine
University of Calgary
G212 - 3330 Hospital Drive NW
Calgary, AB, T2N 4N1

General information regarding the MD program, including curricular design, mandatory and optional learning experiences and national outcome measures can be found on-line at http://www.ucalgary.ca/mdprogram

2.2 Number of Applications
In the 2017-2018 application cycle, the admissions office received more than 1600 completed applications, and an additional 100+ applications which were submitted but considered incomplete. Approximately 1300 of these came from Alberta residents. 520 applicants were offered interviews (430 Albertans and 90 non-Albertans). The Class of 2021 (i.e. the class starting July 2018) consists of 157 positions and we do not anticipate significant changes for the next class at this time.
2.3 Application Fees
All application fees and payments are non-refundable. A fee of $150 is charged whereby $100 of the fee goes to the University and $50 remains in the Office of Admissions for upkeep of the online application system.

Payment is accepted by credit card ONLY. “Cumming School of Medicine - U of C” will appear on your statement.

Application fees can be paid by MasterCard and VISA. Please ensure that you have chosen the credit card payment option and review your credit card number and expiry date before submitting payment. If your card is declined or invalid, your application cannot be processed, nor will it be considered grounds for an extension to the application deadline.

2.4 How to Apply
Our application process is completely electronic and referred to as UCAN. Click on the link provided on our website or go to:

https://ucan.ucalgary.ca

or copy and paste it into your browser. UCAN functions and is viewed best when using the browser Google Chrome.

If you have previously applied using the UCAN system, you already have a UCAN account and should use the same account this year. If this is the case, you should select the “Re Apply Applicant” tab. If you are re-applying, please note that you must re-enter all information and re-send all documentation, as this information is not kept on file. If you have not previously applied using UCAN, you will be required to set up a login ID and Password. Once you have done so, you will receive an email requiring you to validate the ID and password. At this point, you have a file set up and can begin to input your information.

Do not share your UCAN ID and password with anyone. Anyone with access to this information would be able to log in, not only to modify your application, but also accept or reject an offer of admission on your behalf.

2.5 UCAN Functionality
UCAN offers significant advantages to both applicants and admissions staff. Like any on-line system, however, it is subject to technical limitations. If you are having technical problems using UCAN, please contact the Office of MD Admissions. If there are problems with UCAN, it is the responsibility of the applicant to notify the Office well in advance of the application deadline to ensure sufficient time for our staff to troubleshoot with the applicant. Technical problems with UCAN will not be considered grounds for extending the application deadline. For the best functionality of UCAN, use Google Chrome.

Applicants can check the status of their application using the “App status” tab found along the top row of the home page. This status tab displays a green checkmark to any section which is complete, saved, and submitted, but for some sections, the checkmark will turn green once you have begun entering information. One such section is the academic record section. UCAN has no way of knowing whether
you have entered all of your records yet or not, so defaults to “complete”, once you have entered something. Do not take this to mean that this section is truly complete and that you do not need to continue to enter the rest of your grades. Such applications will be deemed incomplete and rejected on that basis.

UCAN will indicate whether or not references have been received. It is the applicant’s responsibility to follow up with their referee if the status indicates that the reference has not been received. We strongly encourage you to follow up with referees ahead of the deadline. Give yourself and the Admissions Office sufficient time to troubleshoot issues with the reference form. UCAN will display in real time when a reference has been submitted. See section 4.6 for more information on letters of reference.

The status tab will indicate when the MCATs have been verified and when your transcripts have been received. The status tab will also allow you to see whether or not you have received an invitation for interviews.

UCAN is also used for scheduling interviews, accepting offers of admission, and corresponding with the Office of Admissions.

2.6 Participation in Rural Rotations

In the school’s response to rural social accountability, the program provides teaching at several regional centers such as Medicine Hat, Lethbridge, Red Deer, Yellowknife and rural sites such as Brooks, High Level and Pincher Creek. Students should be prepared to do from 5–10 weeks of their clinical experience (pre-clerkship and clerkship) outside the city of Calgary except in unusual circumstances. The U of C Longitudinal Integrated Clerkship (UCLIC) provides a further option for a longer rural training experience with a focus on generalism.
Section 3: Application Eligibility

3.1 Alberta Residency

Applicants will be considered Albertans if they meet one of the following criteria:

1. Have been physically present in Alberta¹ on a day-to-day basis for 24 consecutive months at some point between their 15th birthday and the first day of classes (of the year for which they are applying).

2. Have been on active duty for the 24 months prior to classes starting (i.e. July 1, 2017 - July 1, 2019) with the Canadian Armed Forces² or the RCMP. A letter from your commanding officer supporting your active duty dates must be received by October 1, 2018.

The following caveat applies: “The residency requirement shall not be considered broken when the Committee is satisfied that the applicant has been temporarily out of the province for vacation, educational exchange or employment.”

A few notes about residency status:

- Applicants may be required to provide proof that they were physically present in the province during the time in question. This may consist of a wide variety of documentation but no single piece of documentation is guaranteed to act as sufficient proof of residence.

- The term “temporarily out of the province” is intentionally vague, and is intended to provide the Committee the opportunity to consider the entire context of an applicant’s residency history when determining whether they qualify as an Albertan.

- If you are unsure if you qualify as an Albertan, you should contact the Office of Admissions early to ask for a determination as to whether or not you qualify.

- Applicants who are 18 years or older are considered independent adults and residency should be established based on where they live, not where their parents live.

- Applicants should be considered “Albertans” by virtue of living within the province on a day-to-day basis, not on the basis of simply having a postal address in Alberta.

- Please note that the definition of Alberta resident used by the MD program for the purposes of application is different from the definition used by the Government of Alberta for determining Alberta Student Loans eligibility, and that therefore admission to the MD program as an Albertan does not necessarily imply eligibility for Alberta Student Loans.

Residency Examples:

<table>
<thead>
<tr>
<th>Albertan</th>
<th>Non-Albertan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completes 2 full years of HS in Alberta after 15th birthday.</td>
<td>Completes Sr year of HS in Alberta, then attends University outside Alberta.</td>
</tr>
</tbody>
</table>

¹ or NWT, Yukon or Nunavut
² This does NOT include members of the reserves.
Has been on active duty for the 24 months prior to classes starting (i.e. July 1, 2017-July 1, 2019) with the Canadian Armed Forces or the RCMP.

Two or more years as a reservist, contract employee of the CAF or RCMP

From another province but attends university in Alberta, while remaining for study or employment during the summers.

From another province but attends university in Alberta, then returns to another province during the summer for study or employment.

Moves with family to Alberta and resides here for two years after 15th birthday.

Parents move to Alberta after applicant finishes HS, while applicant continues to attend university elsewhere. Comes home to parents’ house during vacations / summers.

Resides in Alberta while working for an Alberta employer who requires applicant to travel outside Alberta for work.

Keeps a home in Alberta while employed for substantial periods of time in another province or country, requiring relocation to that province / country.

Lives in Alberta and attends university full time for two years, except for a one semester student exchange.

Does not otherwise qualify as an Albertan, but spends summers in Alberta, while attending University elsewhere.

Please note that apparent attempts by applicants to misrepresent their residency status will be treated as an “Area of Concern” / “Red Flag” during the current and all subsequent application cycles.

3.2 Citizenship
You must be a Canadian citizen, convention refugee, or permanent resident (previously referred to as “landed immigrant”) in order to apply. We do not accept applications from individual international applicants. If you are accepted, you must provide proof that you had this status by the October 1, 2018 deadline.

3.3 MCAT
You must have written the Medical College Admission Test (MCAT) by the fall of the year of application. We require that your scores be available for release to us prior to the application deadline of October 1, 2018. For this coming year, this means that the last eligible MCAT sitting would be on August 25, 2018. You should schedule your MCAT sitting through the Association of American Medical Colleges (AAMC) website.

You must write the new 2015 exam as we will not consider scores for exams written before April 17, 2015. Due to limited seating, this will require planning ahead. With the new MCAT, we will be assigning 10% to the Critical Analysis & Reasoning Skills (CARS) section. See section 5.1.2 for more details.

3.4 MCAT Verification
MCAT verification will be completed after the August 25, 2018 scores have been released by the AAMC.

3.5 Minimum MCAT
The MD program has instituted a minimum MCAT score for non-Albertan applicants as follows:
Non-Albertan applicants must have a minimum **CARS score of 128** in order to be eligible to apply. All non-Albertan applicants with a GPA of 3.8 and a CARS score of 128 or greater will be sent for file review. Non-Albertans with a CARS score of less than 128 or a GPA of <3.8 will not be considered under any circumstances.

Albertan applicants are not subject to the CARS minimum.

### 3.6 Entering Your MCAT Scores
There is no need for you to enter your MCAT scores into UCAN yourself. MCAT scores are automatically downloaded from the AAMC by our office, **as long as you have released your MCAT scores specifically to the University of Calgary and specifically during the current application cycle**.

File reviewers will see all MCAT scores, including every sitting of both the new and old tests that you have done. Your best CARS score will be selected automatically for use in the file review scoring.

It is imperative that you contact AAMC to arrange for the release of your MCAT scores to us. This is not an automatic process and failure to release scores has resulted in the termination of several applications each year. You can do this through the MCAT Testing History (THx) System at

[https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/](https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/)

### 3.7 Minimum Full-Time Academic Years
In order to be eligible, you must have completed, by the time of application, at least two full-time years of university education at an MD-PhD-granting institution or have completed two years of full-time post-secondary studies that are fully transferable to an MD-PhD granting institution. In order for an academic year to be considered full-time, applicants are required to complete at least 24 credits from September through April and grades must have been recorded for at least 18 credits (i.e. courses were not taken on a P/F basis). The two full-time years can be completed at a non-MD-PhD school if there are 24 credits in transferable courses per year. If requested, the applicant must be able to identify the MD-PhD institution at which their course work would be granted credit.³

This does not include continuing education, extension certificates, etc. In truly exceptional circumstances, the Office of Admissions may accept full-time study over a consecutive period of 8 months, outside of the September-April period. This usually is the result of serious medical illness which required an interruption of studies, or the applicant having enrolled in a program which is only offered with a January start date.

For students formally enrolled in a recognized co-op program, we consider a co-op term (where the other term does not involve coursework) to be equivalent to a full year. We would then require a

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³ If you have concerns regarding the transferability of your undergraduate course work, please contact the Registrar’s Office at your undergraduate institution or refer to provincial transfer websites. It is important to emphasize that we remain committed to the idea that MD applicants should be able to undertake their pre-medical education at a variety of institutions, including smaller universities and community colleges. The Office of Admissions will contact applicants directly if there are concerns regarding the transferability of course credit. In such cases, we will endeavor to work with applicants to determine transferability.
minimum of 12 graded credits during that term in order for it to be considered a full-time year. Please note that there is a difference between being involved in a formal co-op program and simply doing clinical placements as part of your course of study. If there is any doubt about whether your program qualifies as a co-op program, please contact the Office of Admissions directly.

Notwithstanding the above, the committee reserves the right to critically evaluate the academic acceptability of any applicant’s pre-medical course of study, and may decline or place conditions on admission if there are sufficient grounds to believe that the applicant may not possess the necessary academic skills or background to succeed within our MD program.

3.8 Minimum GPA

Alberta applicants with a minimum GPA of 3.20 and who have written the MCAT2015 are eligible to apply.

Non-Alberta residents require a minimum GPA of 3.80. All non-Albertan applicants who meet the minimum GPA and CARS cut off of at least 128 will undergo file review.

In recognition of the importance of recruiting and training physicians from rural backgrounds, as well as an evolving inter-institutional collaboration, the Alberta-resident GPA and MCAT eligibility criteria will be applied to any graduate of or current student of the Selkirk College Rural Pre-Medicine Program located in Castlegar BC regardless of the applicants actual Albertan or non-Albertan status.

GPA is calculated using all full-time undergraduate years completed at or transferable to an MD-PhD-granting institution. Part-time years and spring/summer courses are excluded. Those applicants who have more than two full-time years at the time of application and who have already graduated or will be graduating from their undergraduate degree in the current academic year will have their worst academic year dropped from their GPA calculation. Applicants will be asked to indicate in UCAN if they have completed an undergraduate degree or if graduation is anticipated prior to matriculation into the MD Program. If GPA is calculated in anticipation of degree completion but the degree is not actually conferred by June 30th, 2019, the Office of Admissions reserves the right to recalculate the GPA and re-evaluate (and possibly retract) the offer of admission accordingly.

Applicants with a graduate degree in addition to at least two full-time years of undergraduate studies will have their overall GPA from their graduate program used as equivalent to one year of undergraduate GPA for the purposes of this calculation. In the event that an applicant has multiple years with graded courses within their graduate program, the graduate degree GPA will be calculated using the weights of the individual courses. In order for the Admissions Committee to consider graduate school marks in the overall GPA, the degree in question must be completed and conferred by June 30th, 2019. If the degree is still in progress, but in its final year, the grades will be used in the calculated GPA as described above. In such cases, the applicant must check the appropriate box in UCAN stating that they have received or will receive a grad degree at a convocation ceremony by June 30th, 2019. Applicants should note that this practice is new since 2016 and represents a change to our policy vis-a-vis current graduate students in that we now require the graduate degree to be conferred prior to the start of MD classes in order for grades to count in the GPA calculation, not prior to the
application deadline. As with undergraduate degrees, if the GPA is calculated in anticipation of degree completion but the degree is not actually conferred by June 30th, 2019, the Office of Admissions reserves the right to recalculate the GPA and adjust the offer of admission accordingly. Applicants with two or more graduate degrees must contact the Admissions Office to request a GPA override as UCAN will not recognize separate graduate degrees. This request should be made at least 2 weeks prior to the October 1st deadline.

Notwithstanding the above, the calculated GPA of all applicants must include a minimum of two full-time years of actual undergraduate studies. In practical terms, this impacts applicants falling into the following two categories:

1. Applicants with only one full-time year of undergraduate studies, and a completed graduate degree are not eligible to apply.
2. Applicants with only two full-time years of undergraduate studies, a completed undergraduate degree and a completed graduate degree can only eliminate the graduate degree GPA from the overall GPA calculation from the GPA calculation.

Part-time studies as well as spring/summer courses are not used in this calculation. Further details and examples can be found in Appendix 2.

Please note that professional programs (e.g. Medicine, Law, Veterinary Medicine, Dentistry, etc.) are treated as undergraduate studies for the purposes of GPA calculations.

3.9 Potential Applicants Without Full-Time Undergraduate Studies

The Admissions Committee of the Cumming School of Medicine recognizes that a small number of potential future physicians are, for financial or health reasons, unable to complete their undergraduate studies on a full-time basis. While we believe that performance in full-time undergraduate studies remains the best predictor of academic success within the MD program, we also believe that financial or health challenges should not present an unreasonable barrier to pursuing a medical career. Accordingly, the Admissions Committee will allow potential applicants who have been unable to attend undergraduate studies on a full-time basis, but have completed a minimum of 60 credits of eligible post-secondary studies, to petition the Committee for permission to apply. In evaluating such requests, the Committee will consider three questions:

1. What was the reason that the potential applicant was unable to undertake full-time studies?
2. Is the potential applicant now able to undertake full-time studies at the MD level?
3. What other evidence is there that the potential applicant has very strong academic ability?

If the request is granted, the Admissions Committee will determine, on a case-by-case basis, the GPA to be used by the applicant for that admissions cycle, and the means used to calculate it. All decisions made by the Admissions Committee regarding eligibility to apply are final and not subject to appeal.

Potential applicants who wish to petition the Admissions Committee for permission to apply should contact the Director of Admissions no later than July 31st, 2018 to discuss their request. Requests to
petition the committee made after that date may not be able to be considered for the current application cycle.

Applicants should note that this applies ONLY to individuals who have never completed two full-time years at any time in their post-secondary studies. It specifically does not apply to people who have completed both full-time and part-time studies and who would like to have part-time studies included in their GPA calculation.

3.10 Ten Year Exclusion Rule
The Admissions Committee recognizes that in some cases, early academic performance in university is not indicative of current performance or potential. Accordingly, applicants with long academic records have the option in UCAN to exclude from the GPA calculations all academic work which is greater than 10 years old (i.e. grades earned in the 2007-2008 academic year and earlier). This functions in an “all or none” fashion, so applicants cannot elect to eliminate some courses but not others. If the 10-year exclusion rule is invoked, applicants must then qualify for admission based on work done within the last 10 years, meaning that they must still have two years of full-time undergraduate studies during that time.

Applicants who invoke the 10-year exclusion rule will only have a “worst year” dropped from their GPA calculations if an entire undergraduate degree has been completed within the past 10 years. Applicants whose undergraduate grades were earned greater than 10 years ago, but have since done one or more graduate degrees would likely not be able to invoke the 10-year exclusion since they will not have two full-time undergraduate years of study in the last 10.

It is important to note that even if invoking the 10-year exclusion, all university level courses, including those completed more than 10 years earlier must be entered into UCAN.

It is also important to note that the Ten Year Exclusion cannot be combined with the process for potential applicants without full-time studies described in 3.9 above. In other words, if you have completed two years of full-time study, but they were completed more than 10 years ago, you cannot invoke the 10-year exclusion and then petition the committee for permission to apply based purely on part-time studies completed within the past 10 years.
Section 4: Submitting an Application

4.1 Demographics
Please complete all the sections. This information is crucial for a number of reasons, although the two most important are the obligation of the University of Calgary to report such data to both the Government of Alberta and the Association of Faculties of Medicine of Canada.

4.2 Parental Occupation and Education Information
The Cumming School of Medicine recognizes the growing body of literature showing that MD students in Canada and the United States are disproportionately drawn from higher socio-economic background families. In order to better understand the relationship between our application process and the socio-economic status of our applicants, as well as the broader demographic make-up of our applicant pool, we are asking applicants to voluntarily provide us with information regarding markers of their and their family’s socio-economic status. This information is being collected solely for the purpose of programmatic evaluation and WILL NOT BE USED IN THE SELECTION PROCESS. Specifically, it will be available only to program administrators, and be hidden from file reviewers, interviewers and admissions committee members. Provision of this information is strictly voluntary.

4.3 Transcripts
Official transcripts (1 copy only) are required for every post-secondary institution (college, CEGEP, technical school, university, junior college, or graduate school) you have attended, including transcripts from foreign institutions, even if only one course was taken and even if that course and grade appear on another of your transcripts. IB/AP is not considered post-secondary so please do not send transcripts. For transcripts to be considered official they must be sent directly from the Registrar’s Office to our Admissions Office, be imprinted with the school’s seal and/or bear the appropriate signature. We will not use opened transcripts sent by the candidates. We do not accept faxed transcripts. Failure to submit even one transcript will result in the termination of your application. We strongly urge
applicants to send in their transcripts at the start of the cycle in July. Every year, applicants wait until September to order their transcripts. This is the busiest time of the year for Registrar’s Offices and waiting until the last few weeks of the cycle often leads to files being closed due to missing documents.

University of Calgary students must arrange to have U of C transcripts sent to the MD Admissions Office.

If the university/college you attended or are attending does not issue transcripts, you must arrange with the Registrar’s Office to provide us with an official statement of attendance and/or degree granted.

Applicants holding applied degrees, or two or three-year diplomas MAY be able to use some of that coursework towards the full-time year requirement assuming the following conditions are met:

1. For each academic year, a minimum of 24 credits are earned which are directly transferable to an MD-PhD school.
2. The applicant is able to identify, if requested to do so, the specific MD-PhD school at which transfer credit is available. Note that all 24 credits must be transferable within a single year, i.e. if there are 21 transferable credits, and 3 non-transferable credits, this does not satisfy the full-time studies requirement.

If these criteria are not met, do not enter your courses and grades into UCAN, but DO enter the institution into UCAN and arrange for the submission of transcripts.

Please send your transcripts before you submit your application. Transcripts must be sent to the Office of Admissions at the address below, NOT to the Registrar at U of C.

The Office of MD Admissions
Cumming School of Medicine
G212—3330 Hospital Drive NW
Calgary, AB T2N 4N1

It is the applicant’s responsibility to ensure that all transcripts are received by the deadline of October 1, 2018. Please note that UCAN may not indicate immediately the receipt of transcripts. This delay results from the volume of documents received in a compressed time frame. To help expedite this process, ensure that you have entered your institution on your application in UCAN, and order your transcripts in early July.

Current year grades (including the Summer 2018 semester) are not included in the application assessment; therefore, there is no need to submit fall transcripts with updated course grades. If you are still being considered for admission after May 15, 2019, please arrange to have final transcripts for any courses for which you were enrolled in 2018-19 submitted to our office. These must be received prior to June 21, 2019.
4.4 Foreign Transcripts
Applicants who have attended a post-secondary institution outside of Canada or the United States for more than one semester must have their foreign transcripts evaluated by World Education Services www.wes.org/ca. Applicants should initiate this process early as the grades provided by WES must be entered into UCAN. Once a WES evaluation has been released to the University of Calgary, the Office of Admissions can access the assessment (including the official transcript) on-line so there is no need to have an official transcript from the foreign institution sent to us if WES is used. Please note that while in past application cycles the Office of Admissions has accepted a comprehensive report prepared by International Credential Evaluation Services (ICES), these evaluations are no longer accepted.

Applicants who studied abroad for only one semester have the option of using WES or http://www.foreigncredits.com/Resources/Grade-Conversion/ and entering the grades obtained from that site into UCAN. If foreigncredits.com is used, applicants must ensure that official transcripts from the institution abroad are received by the Office of Admissions by October 1, 2018.

4.5 Grade Entry
A grade must be entered into UCAN for all University level courses taken. This achieves several goals. Most importantly, it allows UCAN to accurately calculate your GPA for the purposes of the application. It also allows the file reviewer to review on a single screen the sum total of your academic results. Even though we do not use summer courses and part-time years in the calculation of GPA, we still need them to be entered into UCAN. Failure to do so will result in the termination of the application. Course grades must be entered in the same order as they appear on the front of the official transcripts, not on the student copy.

When determining which specific grades to enter into UCAN, please use the following guidelines:

1. All courses taken at an MD-PhD-granting school should be entered.
2. All courses taken at non-MD-PhD schools but for which you are claiming transferable credit should be entered.
3. All graduate degree courses should be entered. Applicants must also use the checkbox in UCAN to indicate if conferral of the degree is anticipated prior to June 30th, 2019. Applicants must be aware that if this box is checked but the degree is not conferred, recalculation of the GPA will occur and the offer of admission may be rescinded.
4. Courses taken at a non-MD-PhD school which are not transferable for credit should NOT be entered in UCAN.
5. AP or IB credits done in high school are not considered by our committee and therefore should NOT be entered.
6. “W” or Withdrawal grades do not need to be entered. “F” or “Failed” grades must be entered.
7. Certificate courses, Continuing Education and extension certificates should not be entered.

Applicants using courses completed at Athabasca University or other distance education providers must provide proof that the courses in question were completed within the September 1st - April 30th time frame. UCAN will display for the applicant their calculated GPA based on the information that is entered by the applicant. It is imperative that applicants confirm that this GPA is correct and in keeping with
their calculations. If there is a discrepancy, applicants must first attempt to determine what the calculation error is, and must contact the Office of Admissions to report the discrepancy. It is important that applicants allow office staff sufficient time to assist them in rectifying the discrepancy prior to the application deadline, since the discovery of an entry error on the part of the applicant will NOT be grounds for reopening the application after October 1, 2018.

The GPA calculated by and displayed in UCAN on October 1, 2018 will be the GPA used for all calculations related to the application process.

4.6 Letters of Reference
Applicants are required to submit the names and contact information of three referees in support of their applications. As part of this process, applicants will direct UCAN to send the referee a link to the reference letter form. Where possible, referees should have a professional email address.

Although many of the questions asked of referees are common to all three forms, each of the three forms is unique, and attempts specifically to obtain information helpful to the assessment of one particular attribute of the applicant (See section 5.1.4). Therefore, applicants should choose referees carefully, keeping in mind the ability of the referee to comment specifically on the attribute in question.

The three different forms focus on the following attributes, and are identified as such on UCAN:

- Organizational, Management and Leadership Skills
- Commitment to Communities and Advocacy
- Interpersonal Behaviours and Collaboration

The exact content of each form is attached to this Applicant Manual as Appendix 6.

UCAN will display in real time once a reference has been submitted. It remains the applicant’s responsibility to ensure that the references are received by the October 1, 2018 deadline, as no extensions are granted. It is wise to ask that referees submit the form well in advance as technical issues are not grounds for extending the deadline. If a referee believes that they have completed a reference but it does not show as received in the applicant’s UCAN status page, the referee should be advised to contact the Office of Admissions directly. If a referee complains that the reference form appears “jumbled”, they should login to the site using Chrome. In the event that an applicant wishes to change his or her references, this can be done by deactivating the reference in UCAN and selecting a new recipient. It is not possible to have more than one active reference of each type, however, and once made inactive, a reference cannot be re-activated.

Applicants are advised to choose referees who have substantial knowledge of the applicant and are able to give an unbiased assessment. Family members, family friends and peers are not appropriate referees, regardless of their position or knowledge of the applicant. Applicants should also be aware that some volunteer organizations with large numbers of pre-medical volunteers have in the past submitted standardized form letters. Given the specific nature of our letter of reference forms, applicants should confirm the referee’s willingness to write a personal letter of reference.
4.7 Employment History
Applicants are required to provide a complete list of all their paid employment experiences to date. The opinion of the Admissions Committee is that all experiences are potentially valuable, and therefore applicants should resist the temptation to consider early or short-term jobs as trivial. For each job, applicants are asked to provide a descriptive title (e.g. Short Order Cook, Tree-Planter, Lifeguard, Farm Hand), duration and approximate number of hours per week, but are not expected to provide a detailed description. If the job in question was significantly important in your life, you will have the opportunity to describe it in further detail in your “Top 10” (see below). Note, even if a job is included in your “Top 10”, it must still be included in your Employment History section. For each job, the applicant must provide the name and professional contact information of a verifier who can attest to the duration and extent of the employment. This is usually either the employer or direct supervisor. A co-worker is not considered an appropriate verifier.

4.8 Publications
Applicants may enter a list of all their peer-reviewed academic publications in an accepted scholarly format. This may include oral and poster presentations as long as the abstract has been published in the conference proceedings. Applicants may also include published prose or poetry, but not articles written for student newspapers, newsletters or brochures. These latter publications may be included in the “Top 10” if they are deemed to be sufficiently important to the applicant. Applicants need not submit copies of their publications but should be prepared to produce a copy of the publication upon request.

4.9 Awards
Applicants are required to enter a list of all their awards which they consider significant. They should be listed by name and the applicant should be prepared to provide proof of the award upon request.

4.10 Top 10 Experiences
Applicants are given the opportunity to identify up to 10 activities or experiences that they feel are sufficiently important as to define them as individuals. These may be employment or volunteer experiences, life experiences, awards, educational or research experiences. For each experience or activity, the applicant must identify a title (e.g. “Graduate School Research”, “Working at McDonald’s”, “Competitive Hockey”, etc.) as well as a more detailed description of the activity and a statement regarding the impact that the experience has had upon them. For each of the Top 10 experiences relating to employment, education or volunteering, applicants must identify a verifier who is able to attest to the nature of the experience as well as the duration. This verifier must have an email address at the organization/institution; personal emails (Hotmail, gmail, etc.) are not acceptable. If no such person is available, applicants should check the box indicating this. Office staff will contact the applicant directly if more detail is required. Where relevant, applicants are also asked to describe the number of hours spent engaged in the activity described for each of the Top 10. In some cases (such as descriptions of life events or personal struggles, this will not be meaningful and applicants are asked to leave this section blank or enter “Not Applicable.”

It is from these Top 10 experiences that file reviewers develop a sense for who the applicant is as a person and what they will bring to the practice of medicine. These figure prominently in the assignment
of attribute scores by the file reviewers (see below). This is also the area of the application that is most under the control of the applicants themselves. Applicants are encouraged to reflect carefully about what they choose to highlight in this section and what it says about them.

Please note that a Top 10 Experience may be something which has already been entered under Publications, Awards or Employment. If so, it will appear in the application twice, and this is expected. Conversely, if a job, award or publication is entered in the Top 10 Experiences section, they must still also be entered in their appropriate “other” part of the application.

**4.11 Diversity and Adversity**

The Cumming School of Medicine MD Admissions Committee is committed to broadening participation in medicine from individuals from traditionally under-represented groups. The enrollment of a diverse group of medical students improves not only health care delivery in the province of Alberta but also the educational experience of all MD students at the University of Calgary. Accordingly, applicants from less traditional pre-medical backgrounds and under-represented groups are strongly encouraged both to apply and to highlight their background and experiences in their applications. Similarly, applicants who have had to overcome significant adversity or personal struggles in pursuit of a career in medicine are strongly encouraged to share and reflect on those struggles in their applications.

**Section 5: File Scoring**

**5.1 Scoring System**

At the file review stage, each file is independently evaluated by 4 members of the Admissions Committee, including at least one faculty member, one trainee (student or resident), one community member and one member of the allied health professions. The entire file is reviewed in a holistic manner, with scores assigned for evidence of attributes which the MD program has previously identified as consistent with the terminal objectives of the program. As such, there are no discrete scores assigned for extra-curricular activities or letters of reference, although these items inform the scoring in multiple areas.

Scores are assigned in the following areas: Academic ability 40% (consisting of GPA, MCAT CARS, and subjective assessment of academics), and 10% for each of the following:

- Evidence of Communication Skills
- Evidence of Excellent Interpersonal Skills and Collaboration
- Evidence of Maturity, Insight and Resilience
- Evidence of Commitment to Communities and Advocacy on Behalf of Others
- Evidence of Intellectual Curiosity, Scholarship and Research
- Evidence of Organizational, Management and Leadership Skills

Each of these subjective assessments is done by the assessors looking at the totality of the application file, including extra-curricular activities, employment, letters of reference, academic history and any other information contained in the file.
5.1.1 GPA (20%)
The unit of measurement for GPA calculations is full time undergraduate years. Those applicants who have more than two full-time years at the time of application and who have already or will be graduating from their undergraduate degree program in the current academic year will have their worst academic year dropped from their GPA calculation. Applicants who have received a graduate degree (or will have prior to June 30th, 2019) will have their overall GPA from their graduate program used as equivalent to one additional year of undergraduate studies for the purposes of this calculation. In the event that an applicant has multiple years with graded courses within their graduate program, the graduate degree GPA will be calculated using the weights of the individual courses.

Part-time studies as well as spring/summer courses are not used in this calculation.

5.1.2 MCAT Critical Analysis and Reasoning Skills (10%)
Although file reviewers will see all sections for the MCAT, only the CARS section will be used in the objective calculation of application scores. If the MCAT has been written more than once, UCAN will automatically choose the highest CARS score for the purposes of score calculation.

5.1.3 Global Assessment of Academic Merit (10%)
Each assessor assigns a score corresponding to his or her global assessment of the academic strength of the entire academic record. This includes, but is not limited to, such things as the types of courses taken, trends in grades over time, extenuating circumstances, consistency and global review of all sections of the MCAT. The overarching question that the reviewer is asked to answer is, “To what extent does this applicant demonstrate evidence of the academic skill necessary to master the material within the MD curriculum?”

5.1.4 Evidence of Specified Non-Cognitive Attributes (10% each)
The question posed to assessors is, “To what degree does this applicant demonstrate evidence of [attribute X]?” In order to answer that question, file reviewers draw information from the application itself as well as from the letters of reference. File reviewers will consider the life history, activities and experiences of an applicant insofar as they demonstrate either openness towards or proficiency in the skills and attributes in question. It is important for applicants to note that one of the reasons for adopting an attributes-based assessment tool was the recognition that the same attributes can be manifest in many different ways, some of which appear superficially more impressive, but may not actually provide evidence of greater likelihood of success within medical school. Using “Ability to work in teams” as an example, this might be manifest just as much by having worked as a part-time short order cook as by having been on a sports team while in university. Applicants are therefore encouraged to think carefully and critically about their own experiences and to highlight those things which demonstrate those abilities essential to the practice of medicine, rather than to simply compile a list of their greatest accomplishments.

5.2 Standardized Scoring
All scoring of application components will be done using standardized scoring. This means that the raw scores assigned by the assessors (or calculated in UCAN for GPA and MCAT CARS) are converted to
standardized scores based on the distribution of scores obtained by all applicants within a given year’s applicant pool. Under this system, the mean score for a given application component will be designated as a score of 100, with a standard deviation of 15. If an applicant’s score is one standard deviation above the mean score in a particular area, his or her score will therefore be 115. If it is one standard deviation below, it will be 85. For example, if the mean CARS score for all applicants is 123, with a standard deviation of 2, then an applicant with a CARS score of 125 will have a standardized score of 115. An applicant with a CARS score of 119 would have a score of 70. It is important to keep in mind that standardized scores are based upon a mean score and are not, therefore, “out of” any particular number.

5.3 Application Irregularities / Areas of Concern
Applicants should be aware that although offers of admission are generally made based on the composite scores achieved in each of the different areas of the assessment (file review, MMI, etc.), the Admissions Committee reserves the right to refuse admission based on the identification of an “area of concern”. At any time in the application process, an applicant may be flagged by an MMI assessor, file reviewer or member of the admissions office staff as possibly demonstrating evidence of characteristics inconsistent with the practice of medicine at the University of Calgary. In some cases, Admissions Office staff may contact third parties in order to explore the area of concern which has been brought forward. Once sufficient information has been gathered, the application will be reviewed by the Admissions Committee, where the concern will be reviewed and considered. Notwithstanding any scores achieved by that application, the Admissions Committee reserves the right to terminate any application pursuant to this “area of concern” process. Common reasons for review by the committee include academic misconduct, misrepresentation on the application, prior criminal behaviour and unprofessional behaviour exhibited at the time of MMI or elsewhere.

5.4 Alternative Admissions Process
The Cumming School of Medicine recognizes that our primary obligation is to serve the needs of the population we serve. Part of the way we do that is by producing physicians who will go on to make significant contributions to society and meet specific health care needs within the province of Alberta. During the file review stage, file reviewers will have the ability to flag a limited number of applicants who, in their opinion, demonstrate an exceptional ability to assist the Cumming School of Medicine in meeting its social accountability mission. The Admissions Committee will review these applicants using a holistic assessment process. If the application scores in other areas are deemed acceptable, the committee reserves the right to offer admission regardless of the individual component application scores or the final application score. It is anticipated that the number of applicants admitted through this alternative process will be small, and that the large majority of applicants will be admitted strictly on the basis of their final application score.

4 In submitting an application to the MD program, applicants accept that in the event of an identified “Area of Concern”, the Admissions Committee, through the Admissions Office staff, will actively seek further relevant information about the applicant, including, but not limited to, contacting individuals with knowledge of the applicant who may or may not have been listed as referees or verifiers. In submitting an application, applicants consent to the collection of this supplemental information.
Section 6: Other Considerations

6.1 Disabled Applicants

The Cumming School of Medicine is committed to supporting applicants and students with disabilities through the use of appropriate accommodations. Applicants with disabilities are encouraged to contact Student Accessibility Services (http://www.ucalgary.ca/access/) with any questions regarding accommodation for their disabilities while enrolled in the medical program. Applicants who believe they require accommodation as part of the application process itself must contact the Director as soon as they have made a decision to apply, but in no case later than Aug 31st of the year of application, as the process for reviewing such requests can take in excess of several months to complete. Aug 31st is a firm deadline for requesting accommodation vis-a-vis application to the MD program. We are not able to review any requests received after that date.

All applications for accommodation will be processed and adjudicated through the University of Calgary’s Student Accessibility Services in keeping with University of Calgary policies and procedures.


Procedures: https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities_0.pdf

Once informed of the desire for an accommodation, the Director will forward the request to Student Accessibility Services, but is otherwise uninvolved in the accommodation process, and the outcome of the application for accommodation will be communicated to the Director and the applicant by the Student Accessibility Services office.

Any applicants who feel they will require accommodation in order to complete the MMI should make those needs known to the Admissions office staff within 48 hours of receiving the invite. Requests for such accommodation, due to the short response time required, are handled internally within the Office of Admissions, and in consultation with Student Accessibility Services.

All applicants offered interviews will be asked to attest to their ability to meet the technical standards of the MD program at that time. If an applicant will require accommodation in order to meet those technical standards, he or she will be asked to indicate that prior to MMI. Any applicant who indicates a need for accommodation will be referred to Student Accessibility Services who will review the applicant’s specific needs and abilities and will determine whether appropriate accommodation can be offered. This information will not form part of the application file and no individuals involved in the application process will be made aware of the applicant’s request for accommodation.

Applicants with a learning disability which is expected to impact their educational course of study are encouraged to identify themselves to the Director as soon as they feel comfortable doing so, such that appropriate arrangements may be made to accommodate their disability while in the MD program.

The declaration of a need for accommodation on the part of applicants is voluntary but as a significant period of time is generally required to process accommodation requests, early declaration is strongly encouraged.
advised. In the event that an applicant does not indicate the need for accommodation until such time as an offer of admission is made, the CSM reserves the right to defer matriculation for one year pending review of the request by Student Accessibility Services.

Students with disabilities are encouraged to pursue their studies as long as their continued involvement does not pose a health or safety hazard to themselves or others, and as long as they are able to meet core requirements for a medical degree. Please see Appendix 3 of this document.

6.2 Indigenous Applicants
The Cumming School of Medicine encourages and supports applications from candidates who identify as Indigenous. If you wish to declare that you identify as Indigenous within the meaning of the Constitution Act of 1982, you must send a copy of your status card (certificate of Indian Status) for our files or offer other documentation of your Indigenous identity by October 1, 2018. The CSM, in consultation with the Native Centre at the University of Calgary, reserves the right to evaluate whether the documentation provided constitutes sufficient evidence of Indigenous identity, and to request further documentation as needed.

If you are declaring Métis status during the application process, you will be asked to present official evidence of your status.

To be recognized as Métis for admissions and awards purpose, you must present a valid Métis membership card issued by a recognized provincial Métis organization associated with the Métis National Council. The recognized organizations are listed below. Those presenting Métis registration cards from other agencies will be asked to provide additional information for verification purposes.

Métis Nation of Alberta – http://albertametis.com/
Métis Nation British Columbia – www.mnbc.ca/
Manitoba Métis Federation – www.mmf.mb.ca/
The Métis Nation of Ontario – www.metisnation.org/

There are no reserved positions for Indigenous applicants in the MD program at U of C. In recognition of the tremendous need for Indigenous physicians in Canada, the following modifications to the applicant process are made for all self-declared Indigenous applicants:

1. All Indigenous applicants will be considered residents of Alberta for the purposes of meeting application criteria.
2. All Indigenous applicants who meet the application criteria will be invited to interview.
3. The scores assigned to various components of the application process (academics, MMI, MCAT, etc.) will be adjusted to ensure the same score distribution as non-Indigenous applicants in areas where historical data shows Indigenous applicants have been consistently disadvantaged.
4. Indigenous applicants will be invited to include in their application a personal statement regarding their connection to the Indigenous community. This will not be scored but will be used by the file reviewers in understanding the applicant within his or her social context. Any questions regarding these process modifications may be directed to the Director of Admissions.
6.3 Combined Degree Program / Leaders in Medicine
Applicants must apply separately to the CSM MD program and to the selected Graduate Program in the Faculty of Graduate Studies and be recommended for admission by each program. Prospective applicants must also complete a supplemental application for the combined MD/Graduate program. Joint program applications may be obtained from the Graduate Sciences Education office. Students enrolled in Leaders in Medicine (combined degree, MD MSc or MD-PhD) are considered to be in a dual degree, meaning that they must complete both the MD and the Graduate studies degree to be promoted to the MD convocation.

For more information please go to:

http://www.ucalgary.ca/jointMDPhD/

6.4 Applicants Currently Enrolled in a Graduate Degree Program
If offered admission, it is the expectation of the Admissions Committee that applicants will honour any commitments made to graduate supervisors prior to entering the MD program. The practice of committing to complete a graduate degree and then leaving prior to completion in order to attend medical school is, in our opinion, unacceptable and a breach of professional ethics. Accordingly, all applicants currently enrolled in a graduate degree program, regardless of anticipated completion date, are required to complete a form signed (digitally) by themselves and their supervisor indicating whether or not they anticipate completion of the degree prior to July 2019, and if not, whether they intend to compete the degree under the auspices of the Leaders in Medicine Program. This form is located in your application under the “supplemental grad form” tab.

Any offers of admission will then be conditional upon the applicant honouring the commitments made in the completion of this form.

Since deferrals are generally not available in order to complete degrees, graduate students at institutions other than the University of Calgary should only consider applying to the MD program if they are either in the final year of their program or are prepared to be open with their supervisors about their intent to withdraw if the application to the MD program is successful.

6.5 Financial Aid
Significant financial aid is available to students. No applicant should be dissuaded from applying to the MD program on the basis of cost, as the program will work closely with all students to ensure that finances do not become a barrier to successful completion of the MD program.

As part of our commitment to financial accessibility, a limited number of MMI bursaries may be available to applicants for whom the costs of attending the MMI represents a significant hardship. Bursaries vary in amount but consist of a maximum of return economy airfare and one night stay at Hotel Alma (on the U of C campus). An applicant wishing to apply for an MMI bursary is required to address a letter to the Director of Admissions outlining his or her financial circumstances in as much detail as possible. Supporting documentation, such as tax returns, may be requested to support the application. Funding for these bursaries is reassessed annually, so is not guaranteed as of the time of
6.6 Current or Past Employees
Current or past employees of the Undergraduate Medical Education program at the University of Calgary Faculty of Medicine / Cumming School of Medicine who apply to the MD program are required to identify themselves as such to the Director of Admissions, Cumming School of Medicine. Such individuals may, at the Director’s discretion, be required to submit a letter from their immediate supervisor outlining their employment responsibilities and degree of exposure to the MD curriculum and assessment tools. Applicants with significant exposure to assessment materials (exam banks, answer keys, sample tests) will be required to collaborate with the Director in developing a plan to mitigate any further exposure to these materials. Failure to do so will be viewed as unprofessional conduct, and may result in the revocation of any subsequent offers of admission.
Section 7: Post-File Review

7.1 Interviews
Successful applicants for interview will be notified via email. Interviews will be conducted March 2\textsuperscript{nd}, March 3\textsuperscript{rd} and March 16\textsuperscript{th}, 2019.

Interviews take the form of Multiple Mini Interviews (MMI). The number and type of stations varies from year to year. In 2018, there were 7 short format stations, 2 longer format modified panel interviews and 1 group station. For more information please visit the MD Admissions website closer to the date of the interviews at:

http://www.ucalgary.ca/mdprogram/admissions/mmi-information

Applicants invited to interview will be able to schedule their interviews on-line using UCAN. The scheduler will open at the same time for all applicants invited; they will be notified of the date and time in advance.

7.2 Final Ranking
The final application score will be calculated as follows:

\begin{itemize}
  \item Pre-Interview Score 50%
  \item MMI Stations 50%
\end{itemize}

When the aggregate scores are ranked in order, offers of admission are made accordingly.
Section 8: Getting an Offer

8.1 Offers / Waitlist Basics
Offers of admission will be made on or before May 15 via email. The status tab on UCAN will also allow you to see whether or not you have received an offer. A limited number of applicants who are not initially offered admission will be placed on a wait-list. The first round of wait-list offers will be made on or before June 1, 2019; subsequent positions will be offered to the applicants at the top of the wait-list until all positions have been filled. Due to last minute changes in the plans of applicants, it has been our experience that we continue to offer a very small number of positions into late June. Wait-listed applicants will be notified when the class has been filled.

Unsuccessful applicants should note that we will not give specific feedback or advice on the unsuccessful application, although we are happy to answer general questions regarding the admissions process. We will also publish, on our website, reference statistics describing the average application scores of successful applicants upon the completion of the application cycle.

8.2 Conditions of Acceptance
All offers of acceptance are conditional upon the following terms:

1. Transcripts for courses taken during the year of application must be submitted. Applicants who do not have a degree (at the time of application) are required to maintain a GPA of 3.2 or greater during the year of application (cumulative for that year). Failure to do so will result in revocation of any offer which may have been made. This does not apply to applicants who already have a university degree at the time of application.
2. Applicants who indicated that they anticipate completion of their degrees in the current year, and who had their lowest GPA year eliminated as a result must provide proof of completion of the degree prior to June 21st. Failure to do so will result in the re-calculation of the GPA; the revised GPA may result in voiding of the interview and/or revocation of the offer of admission.
3. A non-refundable $1000 deposit that will be credited towards tuition.
4. All successful applicants must complete a Police Information Check, including a Vulnerable Sector Search. Any positive checks will be forwarded to the College of Physicians and Surgeons of Alberta to review.
5. All applicants must complete the vaccination series proscribed by UME, Cumming School of Medicine. The details and forms are available in the “Offers” tab on UCAN.
6. All successful applicants will be required to complete a BCLS (Basic Cardiac Life Support – ie. basic CPR) course prior to beginning medical school.
8.3 Deferrals
Students wishing to apply for deferral should make this request in a letter to the Director of Admissions within 5 days of the date their offer was sent. Deferrals will be considered for exceptional academic and/or non-academic reasons but will be vetted by the Director. Deferrals will not be granted for circumstances or opportunities which could be reasonably foreseen at the time of application. This includes deferrals for the purpose of completing a degree or other course of study currently underway. In other words, individuals should not apply if they are not prepared to begin the MD program on July 3, 2019. The number of deferrals granted in any one year will vary depending on the number and nature of the requests, but is not unlimited. It is at the sole discretion of the Director of Admissions to grant/deny a deferral.

If granted, a deposit of $2000 is required in order to hold a deferral position.

We strongly suggest that you do not accept a deferral at more than one school.

8.4 Costs (Estimates as of Time of Publication)
- Tuition: $15,012
- Fees: $1,724
- Books & Supplies: $5,161

Other Costs:
- Membership in the Canadian Medical and Alberta Medical Associations $ 66.00
- Membership in the Canadian Federation of Medical Students $ 60.00
- Calgary Medical Students’ Association $ 325.00
- Registration with College of Physicians & Surgeons of Alberta $ 200.00
Appendices

Appendix 1 – Course-by-Course GPA Conversion Tables

### Percentage GPA Conversion

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<thead>
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<tbody>
<tr>
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<tr>
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<tr>
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### Letter Grade GPA Conversion

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<tr>
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<tr>
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</tr>
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### Nine Point GPA Conversion

*Do not use if letter or % grade available*

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### Course Weights

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<tr>
<td>US Quarter</td>
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Appendix 2 – Examples of GPA Calculation

1. Brian is in his final year of his BSc. His annual GPA has been 3.12, 3.4, and 3.3. Since he is graduating this year, his first year is eliminated, so his GPA for applying is calculated as 3.35.

2. Clare has been out of school for 2 years. She has a BA and an MA. Her annual GPAs for her BA were 3.7, 3.2, 3.6, and 3.1. Her GPA in her MA was 3.8. Her 3.1 year is eliminated, so her calculated GPA is (3.7+3.2+3.6+3.8)/4=3.58.

3. Tyler is in the last year of his M.Ed. He has a BSc. His annual GPAs have been 3.8, 3.9, 4.0, and 3.7. His GPA in his Masters is 3.8. Because his M.Ed. is not complete, it is not included in his GPA calculations. His 3.7 year is removed, so his GPA is calculated as (3.8+3.9+4.0)/3=3.9.
Appendix 3 - Technical Standards

Technical Standards for Students in the MD program

The following standards were based on the recommendations of the AAMC Special Advisory Panel on Technical Standards for Medical School Admission, which was approved by the AAMC Executive Council on January 18, 1979, and on the Ontario Medical School Learning Policy. They are reviewed by the Undergraduate Medical Education Committee at regular intervals of not less than 5 years to ensure that they remain relevant to current curricular design.

These technical standards are essential to the completion of the educational program of the MD program at the University of Calgary. A candidate for the MD degree must demonstrate the following abilities:

Observation

A student must be able to participate in learning situations that require skills in observation. In particular, as student must be able to accurately observe a patient and acquire visual, auditory and tactile information.

Communication

A student must have a good (proficient, expressive and receptive) use of the English language. Examples of areas in which skillful English communication are required in the first 2 years include, but are not limited to, answering oral and written exam questions, presenting information in oral and written form, and participating in small group discussions/interactions. A student must be able to speak, hear, and observe patients in order to effectively and efficiently elicit information, describe mood, activity, and posture and perceive non-verbal communication. A student must be able to communicate effectively and sensitively with patients, families and any member of the health care team. A student must also be able to coherently summarize a patient's condition and management plan verbally and in writing.

Motor / Tactile

A student must demonstrate sufficient motor function and tactile ability to safely perform a physical examination on a patient, including palpation, auscultation and percussion. The examination must be done independently and in a timely fashion. A student must be able to use common diagnostic aids or instruments either directly or in an adaptive form. (e.g. sphygmomanometer, stethoscope, otoscope and ophthalmoscope). A student must be able to execute motor movements that are required to provide general and emergency medical care to patients.

Intellectual-Conceptual, Integrative and Quantitative Abilities

A student must demonstrate the cognitive skills and memory necessary to measure, calculate, and reason in order to analyze, integrate, organize and synthesize information. In addition, the student must able to comprehend dimensional and spatial relationships. A student must be able to demonstrate these abilities in a manner consistent with the timely provision of general and emergency medical care to patients.
Behavioural and Social Attributes

A student must consistently demonstrate the emotional health required for full utilization of his or her intellectual abilities. The application of good judgment and the prompt completion of all responsibilities related to the diagnosis and care of patients are necessary. The development of mature, sensitive and effective relationships with patients, families and other members of the health care team are also required. The student must be able to tolerate the physical, emotional and mental demands of the program and function effectively under stress in order to maintain both physical and mental health. Adaptability to changing environments and the ability to function in the face of uncertainties that are inherent in the care of patients are both necessary. Finally, taking responsibility for themselves and their actions is expected.

Approved by UMEC, Jan 25th, 2013
## Appendix 4 - Reference Statistics

<table>
<thead>
<tr>
<th></th>
<th>Class of 2016</th>
<th>Class of 2017</th>
<th>Class of 2018</th>
<th>Class of 2019</th>
<th>Class of 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Males</td>
<td>58</td>
<td>56</td>
<td>61</td>
<td>63</td>
<td>64</td>
</tr>
<tr>
<td>Females</td>
<td>97</td>
<td>102</td>
<td>107</td>
<td>91</td>
<td>90</td>
</tr>
<tr>
<td>Average Age</td>
<td>27.2</td>
<td>25.4</td>
<td>25.8</td>
<td>25.8</td>
<td>25.1</td>
</tr>
<tr>
<td>Average Overall Undergrad GPA</td>
<td>3.73</td>
<td>3.73</td>
<td>3.72</td>
<td>3.82</td>
<td>3.78</td>
</tr>
<tr>
<td># without an undergraduate degree</td>
<td>17</td>
<td>17</td>
<td>9</td>
<td>11</td>
<td>Not Collected</td>
</tr>
<tr>
<td># of Master’s</td>
<td>35</td>
<td>51</td>
<td>34</td>
<td>34</td>
<td>Not Collected</td>
</tr>
<tr>
<td># of Ph.D.</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>7</td>
<td>Not Collected</td>
</tr>
</tbody>
</table>
Appendix 5 - Recommended Undergraduate Courses

The Admissions Committee of the Cumming School of Medicine’s MD program recommend that applicants undertake a rigorous undergraduate education in a field that is of interest to them. When attempting to choose specific pre-medical courses, you may wish to consider the following advice:

1. Choose courses that will assist your transition to medical school by familiarizing you with basic concepts within the foundational medical sciences.
   - Introductory Biology
   - Inorganic Chemistry
   - Organic Chemistry
   - Introductory Physics
   - Anatomy
   - Biochemistry
   - Genetics
   - Molecular Biology
   - Physiology
   - Pharmacology

2. Choose courses in the social and behavioural sciences, and the humanities that will assist you in understanding the lived experiences of patients and help you develop as a broadly-educated, humanistic physician.
   - Sociology
   - Psychology
   - Anthropology
   - Indigenous Studies
   - Philosophy and Ethics
   - Women’s and Gender Studies
   - Literature

3. Choose courses that will assist you in developing specific skills required of practicing physicians.
   - Statistics
   - Population Health Studies
   - Scientific Writing and Foundations of Scientific Inquiry

4. Choose courses that will assist you in preparing for the MCAT exam.

These courses are not presented as a comprehensive or exhaustive list. Applicants should choose courses that they feel will provide them personally with the greatest benefit or which will address gaps in their educational background. We also recommend that students pay close attention to specific course requirements at any other schools they may be applying to in order to maximize their chances of success in obtaining admission to at least one medical school.
Appendix 6 - Letters of Reference Example

Collaborator Letter
This is an example of one of the letter formats. The other two letters differ only in terms of Part 3 of the letter, and these “Part 3” sections have been appended.

Part 1
# Part 2

Please grade the applicant according to the following attributes. We encourage you to make any comments as appropriate for each of the graded attributes.

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Exceptional/Top 5%</th>
<th>Well/Above Average</th>
<th>Above Average</th>
<th>Average</th>
<th>Below Average (Bottom 25%)</th>
<th>Unable to Assess</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Demonstrates the ability to perform tasks effectively and in a timely fashion</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>2. Demonstrates the ability to recognize vulnerable or marginalized populations</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>3. Demonstrates the ability to delegate roles when appropriate</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>4. Demonstrates the ability to critically evaluate information and apply this appropriately to decision making</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>5. Demonstrates the ability to share decision making among other group members</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>6. Demonstrates the ability to set priorities and balance commitments in academic, extracurricular, and personal life</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>7. Demonstrates the potential to act as a mentor for peers</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>8. Demonstrates the ability to resolve, manage, and prevent conflicts</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>9. Demonstrates respect for diversity among people of different cultures, genders, and ages</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>10. Demonstrates the ability to effectively lead a team and implement change</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>11. Demonstrates the ability to contribute to the well-being of others within their community</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>12. Demonstrates the ability to recognize personal areas of weakness and to develop strategies for self improvement</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
Part 3

Advocate

Manager
Continuation of part 3

Collaborator

Part 3
Collaborator - As Collaborators, physicians effectively work within a healthcare team to achieve optimal patient care.

Please provide a specific example of when the applicant worked in a collaborative role to achieve a goal. What skills does the applicant possess that allowed them to achieve this goal?

What personal characteristics does the applicant possess that might adversely affect their ability to be a collaborator?
Appendix 7 - Frequently Asked Questions

1. What is the deadline date for the application and supporting documents?

October 1, 2018. The application must be submitted electronically and received by this date. We require one (1) copy of all official transcripts, official MCAT scores and letters of reference. MCAT scores must be released to Calgary by October 1, 2018. Scores released after the 1st of October will not be accepted and will result in the file closing.

2. Can my transcripts arrive before my application is completed?

In fact, it is preferred; they will be kept on file.

3. How many applicants do you currently accept?

There were 157 seats available in 2018. We are unable to make specific future class size commitments at this time. A minimum of 85% of seats are reserved for Alberta residents.

4. What is the policy if the MCAT is written more than once?

File reviewers will see all MCAT scores, including every sitting of both the new and old tests that you have done. Your best CARS score will be selected automatically for use in the file review scoring.

5. What is your cut-off for the MCAT?

We do not have a minimum cut-off for Alberta residents. Non-Alberta residents are required to have a CARS score of 128 or greater.

6. What are your required courses?

See Appendix 5

7. Is any particular undergraduate degree preferred?

No. Applicants are urged to have an alternate career in mind and their program should reflect that.

8. Do you have an MD-PhD stream?

Yes, but MD-PhD applicants are reviewed by the committee in the same way as other applicants. Seats are not reserved specifically for students with graduate degrees.

9. Why do I have to enter my academic record if the medical school has my transcripts?

All grades for every applicant must be entered into our database and we do not have the resources to do this for over 1600 applicants.

10. Is it possible to transfer into the U of C MD program?
The University of Calgary, Cumming School of Medicine does not consider transfer requests.

11. How do I prove my Alberta Residency?

If your residency status is in doubt, you must be prepared to provide proof that you were physically residing in the province of Alberta during the time in question. Items that may support such claims include pay stubs, tax returns, utility bills, driver’s license, car registration, cell phone records, credit card statements, or any other similar documentation. These documents should be saved in case the Office of Admissions requests them. Simply holding a lease on a property in Alberta, or having an Alberta driver’s license may not be considered sufficient evidence of residency.

12. Do you accept international students?

No. Only Canadian citizens, convention refugees, and permanent residents in Canada are eligible to apply.

13. Are there any age restrictions for applying?

No. We do not have any age limit for applying.

14. Can I apply more than once?

Yes. At this time, there are no restrictions on how many times an applicant can apply.

15. Do you consider the grades or credits from AP or IB courses? Do I need to send my AP or IB transcripts?

No. We do not consider AP or IB courses so do not require transcripts for AP or IB courses.

16. Can I meet with an advisor to discuss my application?

We are happy to meet with applicants/prospective applicants to clarify our processes and answer questions about them but we are not able to discuss previous applications or advise applicants on how to improve their applications.

17. If I am a U of C student, are my transcripts automatically sent to you?

No. If you are a U of C student you need to request transcripts be sent directly to our office, see section 2.1 of our Applicant Manual.

18. If I applied last year, do I need to resend my transcripts to you?

Yes. Official transcripts must be sent every year that you apply.

19. What if my transcripts arrive after the deadline, even if it is not my fault?

Your file will be closed. The deadline is firm.
20. Can I still apply as an out-of-province applicant if I don’t meet the GPA or MCAT cut-off? Will my file be reviewed?

No. We do not consider or review applications which do not meet minimum criteria. Such files are closed.

21. How long is the MCAT good for?

We do not currently have a limit on how old scores are but we only accept the 2015 MCAT.

22. How are failed courses looked at?

Failed courses are part of the GPA if they are part of a full-time year. Repeated courses count in the year they were taken but do not replace the failed course.

23. Do spring/summer courses count towards the GPA?

No. Only full-time years (as described in Section 3.7 of the Applicant Manual) are part of the GPA.