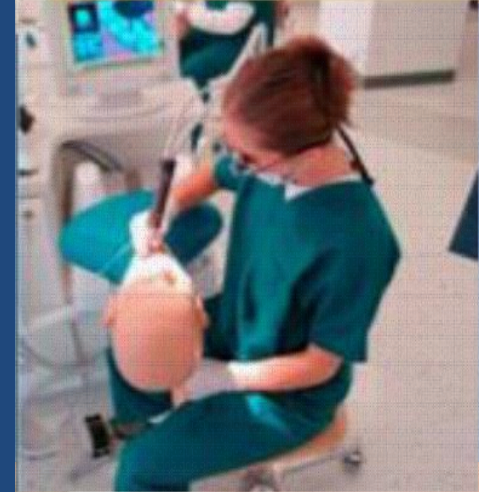


SOS seminar

How to get into Dental School

PRESENTED BY
Sara Wasef and Christian
sarawa@my.yorku.ca



SEMINAR OUTLINE

SLIDES WILL BE AVAILABLE ON THE SOS WEBSITE

- **Dental Aptitude Test (DAT)**
- **Canadian Dental Schools - Requirements**
- **Dental School Interviews**

BECOMING A DENTIST

STEP 1

Work Towards an Undergraduate Degree



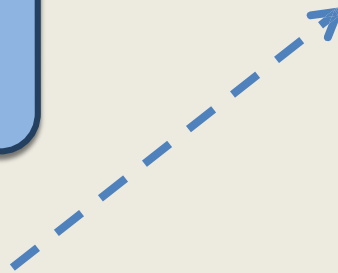
STEP 2

Gain Admission to an accredited Dental School



STEP 3

Write Licensing Exams



OPTIONAL

Specialize Further & Pass appropriate Licensing Exam



PRACTICE DENTISTRY

YOU ARE NOW A DENTIST!

LIFE OF A DENTIST

LETS WATCH A VIDEO!



<https://www.youtube.com/watch?v=dY9xDxLg5aE>

DENTAL APTITUDE TEST

- Standardized exam taken by potential dental school students
- Can write DAT unlimited number of times
- Following reported on official DAT transcript:
 - Results of most recent DAT written
 - Total number of times DAT written
- **More info:** Canadian Dental Association (CDA) website
 - <http://www.cda-adc.ca>



DENTAL APTITUDE TEST

FORMAT

SECTIONS	FORMAT	SAMPLE TOPICS
Natural Sciences (Biology & Chemistry)		
Perceptual Ability		
Reading Comprehension		
Manual Dexterity		

DENTAL APTITUDE TEST

FORMAT

SECTIONS	FORMAT	SAMPLE TOPICS
Natural Sciences (Biology & Chemistry)	60 Minutes 40 Biology and 30 General Chem. Questions	- Cell metabolism - Physiology - Genetics - Atomic and Molecular Structure
Perceptual Ability		
Reading Comprehension		
Manual Dexterity		

DENTAL APTITUDE TEST

FORMAT

SECTIONS	FORMAT	SAMPLE TOPICS
Natural Sciences (Biology & Chemistry)	60 Minutes 40 Biology and 30 General Chem. Questions	- Cell metabolism - Physiology - Genetics - Atomic and Molecular Structure
Perceptual Ability	60 Minutes 90 Questions	-Angle discrimination -Form development -Cubes -Orthographic projections -Apertures
Reading Comprehension		
Manual Dexterity		

DENTAL APTITUDE TEST

FORMAT

SECTIONS	FORMAT	SAMPLE TOPICS
Natural Sciences (Biology & Chemistry)	60 Minutes 40 Biology and 30 General Chem. Questions	- Cell metabolism - Physiology - Genetics - Atomic and Molecular Structure
Perceptual Ability	60 Minutes 90 Questions	-Angle discrimination -Form development -Cubes -Orthographic projections -Apertures
Reading Comprehension	50 Minutes 50 Questions	- Answer ques. based on passages - Read, organize, and analyze new information
Manual Dexterity		

DENTAL APTITUDE TEST

FORMAT

SECTIONS	FORMAT	SAMPLE TOPICS
Natural Sciences (Biology & Chemistry)	60 Minutes 40 Biology and 30 General Chem. Questions	- Cell metabolism - Physiology - Genetics - Atomic and Molecular Structure
Perceptual Ability	60 Minutes 90 Questions	-Angle discrimination -Form development -Cubes -Orthographic projections -Apertures
Reading Comprehension	50 Minutes 50 Questions	- Answer ques. based on passages - Read, organize, and analyze new information
Manual Dexterity	30 minutes	Carving a specified model out of bar of soap

DENTAL APTITUDE TEST

SCORING

- Total of 210 questions on English DAT
- Also scores Academic Average
 - INCLUDES: Natural Sciences and Reading Comprehension scores
- Often dental schools look at:
 - Academic Average (AA)
 - Perceptual Ability Test (PAT) score
 - Reading Comprehension (RC) score
- Not all dental schools look at Manual Dexterity (MDT)



DENTAL APTITUDE TEST REGISTRATION

- DAT is held twice a year [November 4th 2017 & February 24th 2018]
 - Registration begins in July
 - Registration deadline for Nov DAT- Sept 15th (expired)
 - Registration deadline for Feb DAT- Jan 15th
- Register online on CDA website
 - <http://www.cda-adc.ca>



DENTAL APTITUDE TEST

FEE

- DAT Total: \$365

- Written Test Portion: \$295
- Manual Dexterity Test Portion: \$70

****Note: Manual Dexterity Portion is *optional*****

- Because not all Canadian dental schools require Manual Dexterity Test (MDT)
- Strongly consider taking the MDT if planning to applying out of province

DENTAL APTITUDE TEST

FEE

■ DAT Total: \$365

- Written Test Portion: \$295
- Manual Dexterity Test Portion: \$70
 - Additional administration fee : \$30 + tax
 - List of all dental schools that have been sent your DAT scores
 - Verification that the DAT Office has received your registration form
 - Verification that the DAT Office has received your fax requesting DAT material, DAT scores, etc.

**** Note: Manual Dexterity Portion is *optional* ****

Following schools don't require MDT Portion

- University of Toronto, University of Western Ontario, University of British Columbia, Dalhousie University, McGill University

■ DAT Fee covers:

- A scheduled DAT
- An official student transcript
- 5 official transcripts mailed directly to Canadian dental schools indicated on the registration form

DENTAL APTITUDE TEST

AMERICAN vs. CANADIAN

- American DAT:

- Has no Manual Dexterity Test (carving) Portion
- Includes Quantitative Reasoning (math) Portion
- Includes Organic Chemistry

- American DAT NOT accepted for entry into **some** Canadian Schools

- Canadian version IS accepted by American Schools



CANADIAN DENTAL SCHOOLS

University of Toronto

University of Western Ontario

University of Alberta

University of British Columbia

University of Manitoba

Dalhousie University

McGill University

University of Saskatchewan

DEGREE GRANTED BY DENTAL SCHOOLS

D.D.S OR D.M.D

- Upon graduation from an accredited dental school, you earn:
 - Doctor of Dental Surgery (DDS) ; or
 - Doctor of Dental Medicine (DMD)
- Training and education received for either degree is similar
- Difference is only in the name
 - Some dental schools award the DMD degree while others award the DDS degree.



How to calculate your GPA: <http://www.yorku.ca/laps/students/gpa.html>

Undergraduate Grading System
Conversion Table

OMSAS 2012

*Échelles de notation
au premier cycle*

Type Scale Échelle	Numeric/Numérique		Percentage/Pourcentage				Alpha/Alpha			
	1	2	3	4	5	6	7	8	9	
OMSAS Value Valeur OMSAS										OMSAS Value Valeur OMSAS
4.00	9	8	90–100	93–100	94–100	94–100	A+	A	A+	4.00
3.90			85–89	84–92	87–93	85–93	A			3.90
3.80									A	3.80
3.70	8	7	80–84	75–83	80–86	80–84	A-	A-		3.70
3.30	7	6	77–79	72–74	75–79	75–79	B+	B+	B+	3.30
3.00			73–76	69–71	70–74	70–74	B	B	B	3.00
2.70	6	5	70–72	66–68	65–69	65–69	B-	B-		2.70
2.30	5	4	67–69	64–65	60–64	60–64	C+	C+	C+	2.30
2.00			63–66	62–63	55–59	55–59	C	C	C	2.00
1.70	4	3	60–62	60–61	50–54		C-	C-		1.70
1.30		2	57–59	56–59			D+	D+	D+	1.30
1.00			53–56	53–55		50–54	D	D	D	1.00
0.70			50–52	50–52			D-	D-		0.70
0.00	3	1	≤ 49	≤ 49	≤ 49	≤ 49	E/F	E/F	E/F	0.00

Algoma	3	Guelph	3	Mt. Allison	7	Royal Roads	7	Trinity Western	7
Acadia	7	Lakehead	3	Mt. St. Vincent	7	Ryerson	7	UBC	7
Alberta	7	Laurentian	3	New Brunswick	7	Saskatchewan	3	UOIT	7
Athabasca	7	Laval	7	Nipissing	3	Sherbrooke	7	Victoria	7
Bishop's	3	Lethbridge	7	Northern B.C.	7	Simon Fraser	7	Waterloo	3,7
Brandon	7	Manitoba	9	Ottawa	7	St. Francis Xavier	3	Western	3
Brock	3	McGill	8	Prince Edward Island	3	St. Mary's	7	Wilfrid Laurier	7
Calgary	7	McMaster	7	Quebec	7	St. Thomas	7	Windsor	7
Carleton	7	Memorial	6	Queen's	3,7	Ste-Anne	7	Winnipeg	7
Concordia	7	Moncton	7	Regina	3	Toronto	3,7	York	9
Dalhousie	3,7	Montreal	7	RMC/CMR	4,7	Trent	3		

Please note: The above scales are applicable only to current grading schemes.

SCHOOLS IN WEST CANADA

PREREQUISITES

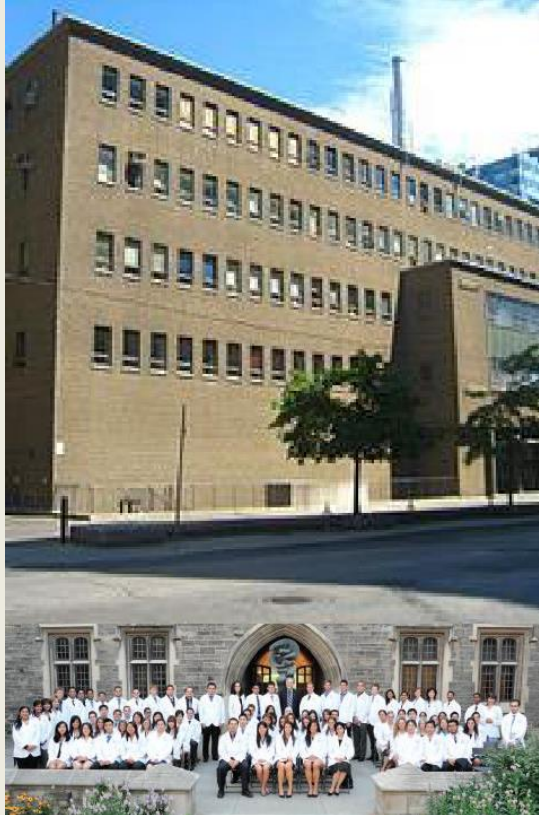
Schools	Prerequisites 6=full year equivalent 3=half year equivalent
Alberta (Alberta)	Biology 6, Chemistry 6, Physics 6, Organic Chemistry 6, Biochemistry 3, English 6, Statistics 3
UBC (British Columbia)	Biology 6, Chemistry 6, Organic Chemistry 6, Biochemistry 6, English 6
Manitoba (Manitoba)	Biology 6, Chemistry 6, Physics 6, Organic Chemistry 6, Biochemistry 6, English 6, Humanities/Social Science 6

SCHOOLS IN EAST CANADA PREREQUISITES

Schools	Prerequisites 6=full year equivalent 3=half year equivalent
Dalhousie (Nova Scotia)	Biology w/ labs 6, Chemistry w/ labs 3, Physics w/ labs 6, Organic Chemistry w/ labs 3, Biochemistry 3, Microbiology 3, Vertebrate physiology 6, Writing course 6, Humanities/Social Science 12
Toronto (Ontario)	Biochemistry 6, Human/Mammalian Physiology 6, Life Sciences 12, Humanities/Social Science 6
Western (Ontario)	Organic Chemistry w/ labs 3, Biochemistry w/ labs 3, Human/Mammalian Physiology 6 (or with challenge exam)
McGill (Quebec)	Biology w/ labs 6, Chemistry w/ labs 3, Physics w/ labs 6, Organic Chemistry w/ labs 3, Recommended Biochemistry 3, Physiology 6

UNIVERSITY OF TORONTO

ONTARIO



Doctor of Dental Surgery (DDS)

REQUIREMENTS:

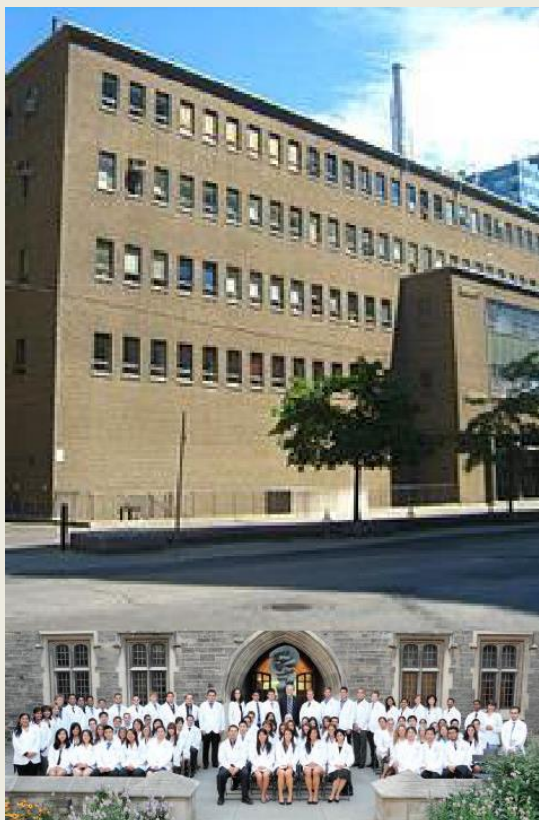
- At least 3 years of undergrad

GPA:

- Summer courses included in GPA calculation
- Courses completed after [MAY 31 of entry yr] not considered
- Worst academic year dropped from GPA calculation if:
 - Completed 4 or more years; &
 - It's not the most recent year

UNIVERSITY OF TORONTO

ONTARIO



DAT: If written more than once, then highest score used, must have been taken within 2 calendar years prior to application
No requirement to complete the *Manual Dexterity* portion

American DAT is accepted

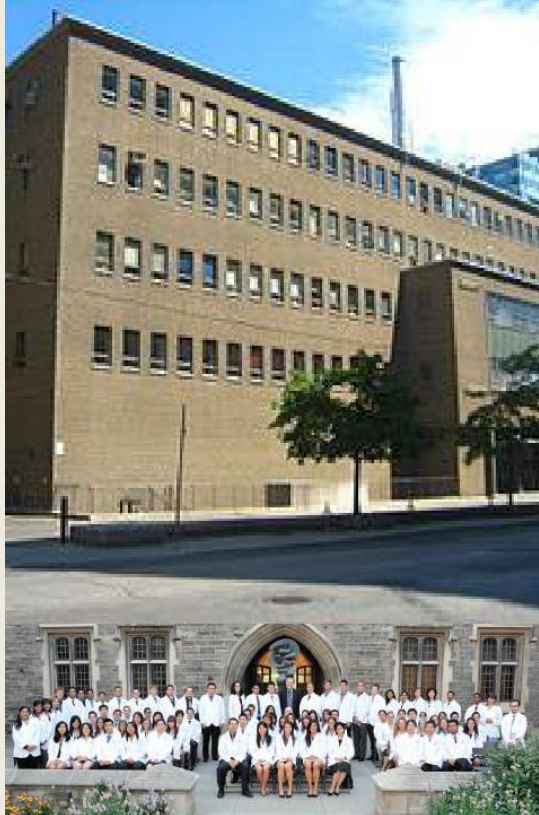
Academic Average (AA): 22

Perceptual Ability Test (PAT): 20

DEADLINE TO APPLY: DECEMBER 1st each year

UNIVERSITY OF TORONTO

ONTARIO



- 175-190 domestic applicants invited for an interview
- It graduates approximately 70 qualified dentists each year
- Full coarse load not required each year
- No reference letters required in application package



UNIVERSITY OF
TORONTO

UNIVERSITY OF WESTERN ONTARIO ONTARIO



Doctor of Dental Surgery (**DDS**)

REQUIREMENTS:

- Be in final year or completed undergraduate degree

GPA:

- Summer courses
 - not counted as part of F/W session
 - may be taken for pre-req credits
 - marks not included in GPA calculation
- For competitiveness: 80% or higher for the best two years with a full course load

UNIVERSITY OF WESTERN ONTARIO

ONTARIO

Effective the application cycle beginning October 1, 2017, the two best undergraduate years used for admission consideration must have a full course load of 5.0 full or equivalent courses (30 credit hours) taken between September and April, with at least 3.0 full course equivalents whose published level is at or above the year level of study.

In your 1st year of study 3 of 5 full course equivalents must be at the 1st year-level or above

In your 2nd year of study 3 of 5 full course equivalents must be at the 2nd year-level or above

In your 3rd year of study 3 of 5 full course equivalents must be at the 3rd year-level or above

In your 4th year of study 3 of 5 full course equivalents must be at the 3rd year-level or above. Note: *A mix of 3rd and 4th year courses to make up the 3 full course equivalents is acceptable in the fourth year*

UNIVERSITY OF WESTERN ONTARIO

ONTARIO

Effective the application cycle beginning October 1, 2017, successful completion of prerequisite courses for Dentistry Admissions requires a minimum grade of B or 74.5% based on the Ontario Medical School Application Service (OMSAS) scale for applicants studying at a Canadian university.

UNIVERSITY OF WESTERN ONTARIO

ONTARIO

3. Autobiographical Sketch & Personal Statement

Applicants have the opportunity to outline additional scholastic and non-scholastic achievements in the autobiographical sketch that may not be evident in the application and academic transcripts

Purpose - highlight your strengths, motivation to enter the field, and achievements

UNIVERSITY OF WESTERN ONTARIO ONTARIO



DAT:

- If written more than once, most recent score used
- American DAT is accepted

DEADLINE TO APPLY: December 1

UNIVERSITY OF WESTERN ONTARIO ONTARIO



- Academic Competitiveness: 80% or higher average in each of two academic years, and DAT score of 21/30

Average of Dental 2021 class: 89.16%

Minimum RC score on DAT - 22/30 and AA score- 21/30

- Receive approximately 500-600 applications for 56 positions
- No reference letters required in application package

UNIVERSITY OF ALBERTA

ALBERTA



Doctor of Dental Surgery (DDS)

REQUIREMENTS:

- At least 2 years (60 credits)
- At least 1 year should have full course load (30 credits)

GPA:

- Lowest academic year dropped from GPA calculation if:
 - Completed 4 or more years; &
 - It's not the most recent year
 - It's not the only year with full coarse load (30 credits)

UNIVERSITY OF ALBERTA

ALBERTA



DAT: If written more than once, then highest score used

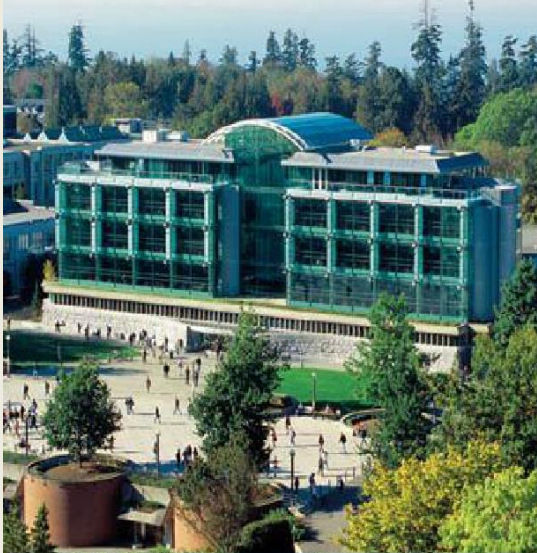
- Only Canadian DAT is accepted
- Manual Dexterity (carving) score required

DEADLINE TO APPLY: November 1

No reference letters required in application package

UNIVERSITY OF BRITISH COLUMBIA

BRITISH COLUMBIA



- Doctor of Dental Medicine (**DMD**)

REQUIREMENTS:

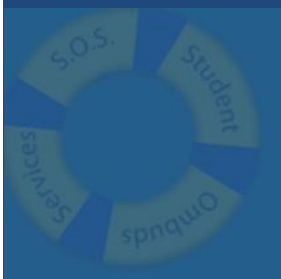
- Completed 3 years of an undergrad (90 credits)

GPA:

- Summer courses included in GPA calculation
- Worst academic year dropped from GPA calculation if:
 - Completed 4 or more years; &
 - It's not the most recent year
 - It includes at least 24 credits



a place of mind



UNIVERSITY OF MANITOBA

MANITOBA



■ Doctor of Dental Medicine (**DMD**)

REQUIREMENTS:

- Completed 2 years (60 credits)
- Minimum 24 credits required for a year to be considered

GPA:

- Adjusted Grade Point Average (AGPA)
 - Core course average last year: 3.8

Applicants with two years of pre-dental studies:
(2 x the average on the CORE courses)
PLUS
(1 x the average on lower year)
PLUS
(3 x average on better year)
DIVIDED BY SIX

- Summer courses not included in GPA calculation



UNIVERSITY
OF MANITOBA

UNIVERSITY OF MANITOBA

MANITOBA



DAT: If written more than once, then highest score used

- Only Canadian DAT is accepted
- Manual Dexterity (carving) score required

DEADLINE TO APPLY: January 21

No reference letters required in application package



UNIVERSITY
OF MANITOBA

DALHOUSIE UNIVERSITY

NOVA SCOTIA



Doctor of Dental Surgery (**DDS**)

REQUIREMENTS:

- Completed 2 years of undergrad (60 credits)

GPA:

- Average from a few years ago: 3.7

DAT: American DAT is accepted, MDT score not required

DEADLINE TO APPLY: December 1



MCGILL UNIVERSITY

QUEBEC



Doctor of Dental Medicine (DMD)

REQUIREMENTS:

- Be in final year or completed undergraduate degree

GPA:

- 2016 average for IN PROV: 3.82
- 2016 average for OOP: 3.88

DAT: NOT REQUIRED

APPLICATION PACKAGE ALSO INCLUDES:

- Two Reference Letters
 - **1:** from a professor / TA / lab demonstrator who can attest to applicant's academic abilities
 - **2:** from a non-academic referee who supervised applicant while working/volunteering in a health care or social service setting
- Personal Statement
- Resume

Deadline November 1

SCHOOLS IN CANADA

School	Cut off GPA	Ave. Entrance GPA	Year to Apply*
Alberta	3.0	3.90 (3.7-4.0)	2 nd year
UBC	2.8	89.01	3 rd year
Manitoba		(AGPA)	2 nd year

School	Cut off GPA	Ave. Entrance GPA	Year to Apply*
Dalhousie		Last two years	2 nd year
Toronto	3.0	3.9	3 rd year
Western	80%	89.82	4 th year
McGill		3.88	4 th year

- Each year considered as full year course load

Canadian Dental School Application Requirements : Minimum & Competitive DAT Scores

School	UBC	Alberta	Manitoba	Saskatchewan	Toronto	Western	Dalhousie	Montreal	Laval	McGill
	The chart is intended as a general guide. Please visit individual schools' websites for up-to-date, complete details.									
	Legend: X = Used, NR = Not Required									
Oldest acceptable score:	5 years prior	5 years prior	3 years prior	3 years prior	2 years prior	2 years prior to Dec 1 deadline	2 years prior "February of	Website is in French.	Website is in French.	McGill does
Latest acceptable score	2									
2014 Application Cycle:	Nov 2013	Nov 2013	Nov 2013	Feb 2014	Nov 2013	Nov 2013	the year of application"	Please contact eventualDDS@gmail.com if you'd like to	Please contact eventualDDS@gmail.com if you'd like to	not consider
Uses Best or Most Recent Score?	Best	Best	Best	Best	Best	Recent	Best			DAT scores as part of admissions criteria.
Accepts American DAT Scores?	Yes	No	No	Yes, but must write minimum DAT score accepted	Yes, only if scores in Canada	Yes, only if not residing in Canada	Yes, only if not residing in Canada	contribute.	contribute.	
Biology										
Chemistry										
Reading Comprehension		5	18.66?	X		8	5			NR
Academic Average	X	5		X	X	X	5			
Perceptual Ability	X		14	X	X		5	0	5	
Manual Dexterity	NR	5	12	NR	NR	NR	NR	5	5	
Average DAT Scores of those Admitted										
Biology										
Chemistry							"21+ is considered competitive"			
Reading Comprehension	21.24	22.427	18.88			21				NR
Academic Average	21.4		18.8	21		21				
Perceptual Ability	22.13		19.6	22						
Manual Dexterity	21.33		NR	NR		NR?	NR			
Info Last Updated	2-Jul-2013	2-Jul-2013	29-Jul-2013	2-Jul-2013	27-Jun-201	27-Jun-2013	27-Jun-2013	27-Jun-2013	27-Jun-2013	27-Jun-2013

DENTAL SCHOOL INTERVIEW

- Evaluates an applicant's:
 - Maturity, Motivation, Initiative, Ability to communicate, Personal qualities

- **POSSIBLE FORMATS:**

- 1) Multiple Mini Interview (MMI)**

- Interviewee exposed to series of stations
 - At stations: interviewee provided a question/scenario and given time to formulate a response



- 2) Panel Interview**

- Often includes 3 interviewers on a panel
 - Interactive and group-oriented
 - Often group of candidates interviewed together



SAMPLE QUESTIONS:

<http://www.dentistry.ualberta.ca/en/ProgramsAdmissions/Dentistry/DDSOverview/DDSFAQs/SampleMMIQuestions.aspx>

DENTAL SCHOOL INTERVIEW

Assessing your personal qualities

- * Personal qualities -
- * Personal experiences and interests
- * Exposure to health care and medical research environments
- * Potential contributions to the campus and community
- * Ability to communicate



Preparation:

- * Plan your trip carefully
- * Dress accordingly to weather
- * Dress comfortable
- * Practice common questions
- * Know your application
- * Be honest and sincere
- * Be ready to discuss your research in layman's terms
- * Thank everyone who helped



Student Ombuds Services

bethune.yorku.ca/sos

SOS Office: BC 208

Open 10:30am – 4:30pm