

POST- GRADUATE DENTAL PROGRAMS

B O O K L E T

2020-2021



SCORE
Standing Committee on Research and Education

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THE TEAM

HUTHAIFA ABDUL QADER, DDS

Vice President of Science and Research

It has been a long time coming for this first issue of Post-graduation Programs. The Standing Committee On Research and Education (SCORE)'s members; Maya, Samin and Haytham have delivered tremendous insights on Master's and PhD opportunities that are available for IADS student members. We are committed to bridge the gap between dental students and academia by right of our position as the dental students association with the biggest presence and widest global reach. I am in hopes of interweaving our affairs with interested institutions that are willing to cooperate on launching a comprehensive platform that showcases up-to-date postgraduate scholarships and job opportunities in academia. Over the course of the upcoming years, a more rigorous scouting will be conducted to ensure an adequate number of programs at IADS students' disposal.



SAMIN SIROUS
Iran



MAYA FEDHILA
Tunisia



OUIZA BELKADI, DDS
Algeria
Booklet designer

POST-GRADUATE DENTAL PROGRAMS

An overview

USA

-Foreign dentists working requirements in USA (equivalency procedure)



CANADA

-Foreign dentists working requiremetns in Canada (equivalency procedure).

UNIVERSITY OF ALBERTA

-PhD in Medical Sciences- Meriodontology.

-M.Sc. in Medical Sciences- Orthodontics.

UNIVERSITY OF TORONTO

-Ph.D - Doctor of philosophy in Dentistry.

UNIVERSITY OF MCGILL

-M. Sc. in Dental Science.



NETHERLANDS

UNIVERSITY OF AMSTERDAM

-Ph.D Doctor of Philosophy in Dentistry.

-M.Sc. Postgraduate Program in Periodontology.

RADBOD UNIVERSITY & MEDICAL CENTER

-Ph.D Doctor of Philosophy in Dentistry.

-M.Sc. PostgraduateProgram in Orthodontics



SWEDEN

MALMO UNIVERSITY

-M.Sc. Postgraduate Program in Peridontology.

-M.Sc. Postgraduate Program in Prosthodontics.

KAROLINSKA INSTITUTET

-M.Sc. Courses & Clinical Specialisation in Orthodontics.

-Global Master's Programs.

A large, green-patina Statue of Liberty stands prominently on the left side of the image, set against a clear blue sky. The statue is positioned on its base, which is part of a larger stone structure. In the background, the New York City skyline is visible, with various skyscrapers and buildings. The water of the harbor is at the bottom of the frame.

FOREIGN DENTISTS WORKING REQUIREMENTS IN USA

EQUIVALENCY PROCEDURE

INTRODUCTION:

If a foreign educated dentist wishes to become licensed to practice in the United States, he/she should be aware that most states require a degree from a dental education program accredited by the American Dental Association Commission on Dental Accreditation (CODA).

Dental schools accept international students in two main types of program. The programs which an international dentist can take are the **DDS program and residency program**.

To earn a DDS/DMD degree in the US, international dentists must join an advanced standing program or join a traditional DDS program (the latter means they will have to start at year 1 with the rest of incoming dental students and complete the entire program (usually 4 years).

The **advanced standing program for foreign trained dentists** does not focus on a specialization but rather all subjects taught in a dental school. It is basically a bridge course making an international dentist equivalent to any US-trained dentist in. With this program, you will repeat two years of dental training to be eligible for dental licensure in the US.

A **dental residency programs for foreign trained dentists** on the other hand, provides education and

training in a specific subject. This is similar to how a post-graduation program would be in your home country. Admissions to a residency program are facilitated via the National Matching Service : <https://natmatch.com/> which makes it more competitive.

ADVANCED STANDING PROGRAM FOR INTERNATIONAL DENTISTS/ D.D.S/ D.M.D.:

Thirty-six dental schools out of sixty-six dental schools accepting international students, these dental schools in the US offer opportunities to foreign-trained dentists to participate in a usually 24-month long D.D.S program (advanced standing program). There are different pathways for foreign-trained dentists but students usually join the second-year class by participating in all ongoing preclinical and laboratory courses and participate in an additional, specially-designed preclinical laboratory/ seminar program.

Following the successful completion of the second year, students are fully integrated into the class where they take part in all academic and clinical experiences in the third and fourth years of dental school. In the advanced standing program for foreign trained dentists, the class size varies for each university with the highest as Boston University which admits 85 international dentists each year.



Annually, there are about 500- 600 seats for 3000 applicants.

A) Entry requirements include passing scores on the Integrated National Board Dental Examination (INBDE) and the Test of English as a Foreign Language (TOEFL), graduation from a foreign dental school, and prior transcripts. Several advanced standing programs also require that applicants undergo a psychomotor bench test, case presentations, and a formal interview as part of the application process. **You can register through :** <https://www.adea.org/CAAPIDapp/>

The acceptance into a dental school varies upon the citizenship/visa requirement.

B) Schools that accept candidates on B1/B2 visa and offer student visa F1 to study in the university are: University of Michigan , Boston University, University of California Los Angeles, University of Southern California, University of Pennsylvania, Indiana University, Howard University, University of Colorado, University of Pacific, Virginia Commonwealth University, Rutgers University, University of Washington, University of Pittsburgh, University of San Antonio, University of Southern Illinois, University of Buffalo, Loma Linda University, Temple University.

C) Schools that only accept candidates with Green card and Permanent resident status are: University of Illinois at Chicago, University of Alabama, New York University, University of Oklahoma, University of Florida, Tufts University.

Minnesota is the only state which currently accepts licensure applications from international students without additional training. They will evaluate each application and make the decision as to who qualifies.

DENTAL RESIDENCY PROGRAMS FOR INTERNATIONAL STUDENTS IN USA:

An international dentist could join an accredited post-graduate program and apply a license thereafter instead of going back to school. This is not an option for most states however, as most of the states require international dentists to graduate from an accredited US dental school.

Pathways for foreign-trained dentists: Listed below are the states to which an internationally-trained dentist may apply for licensure after completion of an ADA accredited residency program, as per specific requirements of each state: Connecticut, Illinois, Michigan, Mississippi, Oregon, Texas, Wisconsin, Massachusetts.

A) Program types for Dental Specialities and General Dentistry:

1. Dental Public Health.
2. Endodontics.
3. Oral and Maxillofacial Pathology.
4. Oral and Maxillofacial Radiology.
5. Oral and Maxillofacial Surgery.
6. Oral Medicine.
7. Orthodontics.
8. Pediatric Dentistry.
9. Periodontics.
10. Prosthodontics.
11. Maxillofacial Prosthetics.
12. Advanced Education in General Dentistry.
13. General Practice Residency.

B) Disadvantages of dental residency programs for foreign trained dentists:

- License to practice dentistry is limited to only a few states
- It is difficult to get accustomed to the US ways of practicing dentistry since you weren't educated here
- There is no salary for internationally-trained residents in most universities.

C) Universities that accept non-US residents international dentists :

AEGD programs for international dentists

- University of Connecticut.
- Nova Southeastern University.
- University of Maryland.
- Boston University.
- Temple University, Kornberg School of Dentistry

Dental Public Health

- A.T. Still Univ.- Arizona School of Dentistry.
- Harvard School of Dental Medicine.
- Boston University.

Endodontics

- USC Ostrow School of Dentistry.
- Loma Linda University.
- Georgia Health Sciences University.
- University of Illinois at Chicago.
- Indiana University.
- University of Louisville.
- Louisiana State University School of Dentistry.
- University of Maryland.
- Boston University.
- Harvard School of Dental Medicine.
- Tufts University.
- New York University College of Dentistry.
- University of North Carolina – Chapel Hill.
- Temple University, Kornberg School of Dentistry.
- University of Pennsylvania.
- University of Texas School of Dentistry at Houston.
- Baylor College of Dentistry/Texas A&M Health Science Center.
- West Virginia University.

GPR

- Howard University.
- Tufts University.
- MetroHealth Medical Center.
- Abington Memorial Hospital.



Geriatric Dentistry

- USC Ostrow School of Dentistry.
- Harvard School of Dental Medicine.

Implantology

- Harvard School of Dental Medicine.

Operative Dentistry

- USC Ostrow School of Dentistry.
- Boston University.
- University of North Carolina – Chapel Hill.

Oral Medicine

- Harvard School of Dental Medicine.
- University of Pennsylvania.

Oral and Maxillofacial Pathology

- University of Florida.
- Harvard School of Dental Medicine.

Oral and Maxillofacial Radiology

- University of Connecticut.
- University of Iowa.
- University of Northern Carolina.
- University of Texas Health Science Center at San Antonio.
- University of Washington.

Graduate from accredited dental school preferred

Oral and Maxillofacial Surgery

- University of Florida, Jacksonville.
- University of Maryland, Baltimore.
- University of Maryland, MD – Integrated OMS Residency.
- Tufts University.
- Boston University.
- University of North Carolina – Chapel Hill.
- University of Puerto Rico.

Orthodontics

- University of Alabama at Birmingham.
- University of California, San Francisco.
- University of the Pacific, San Francisco.



- University of Connecticut.
- Washington Hospital Center.
- Nova Southeastern University.
- Indiana University.
- University of Louisville.
- University of Kentucky.
- Louisiana State University School of Dentistry.
- University of Maryland.
- Harvard School of Dental Medicine.
- Tufts University.
- Boston University.
- University of Detroit Mercy Dental School.
- University of Michigan.
- University of Nebraska Medical Center.
- Rutgers School of Dental Medicine.
- New York University College of Dentistry.
- University of North Carolina – Chapel Hill.
- The Ohio State University.
- Temple University, Kornberg School of Dentistry.
- University of Pennsylvania.
- University of Puerto Rico.
- Medical University of South Carolina.
- University of Texas Health Science Center at San Antonio.
- Baylor College of Dentistry/Texas A&M Health Science Center.
- University of Washington.
- West Virginia University.

Pediatric Dentistry

- University of Alabama at Birmingham.
- USC Ostrow School of Dentistry.
- University of California, San Francisco.
- Loma Linda University.
- University of Connecticut.
- Nova Southeastern University.
- Louisiana State University School of Dentistry.
- University of Maryland.
- Boston University.
- Children's Hospital, Boston.
- Tufts University.
- Rutgers School of Dental Medicine.
- University of North Carolina – Chapel Hill.
- University of Puerto Rico.
- University of Texas Health Science Center at San Antonio.
- University of Washington.

Periodontics

- University of Alabama at Birmingham.
- Loma Linda University.

- USC Ostrow School of Dentistry.
- University of California, San Francisco.
- Nova Southeastern University.
- University of Louisville.
- Louisiana State University School of Dentistry.
- Tufts University.
- Boston University.
- Stony Brook University – School of Dental Medicine.
- University of North Carolina – Chapel Hill.
- Temple University, Kornberg School of Dentistry.
- University of Pennsylvania.

Periodontics Prosthesis

- University of Pennsylvania.

Prosthodontics

- University of Alabama at Birmingham.
- University of California, San Francisco.
- University of Connecticut.
- Nova Southeastern University.
- University of Illinois at Chicago.
- Indiana University.
- University of Louisville.
- Louisiana State University School of Dentistry.
- University of Maryland.
- Harvard School of Dental Medicine.
- Tufts University.
- Boston University.
- University of Rochester Eastman Dental Center.
- New York University College of Dentistry.
- Ohio State University.
- University of Pittsburgh.
- University of Tennessee Health Science Center, College of Dentistry, Memphis.
- Baylor College of Dentistry/Texas A&M Health Science Center.
- Marquette University.

D) The advantage of the Residency programs:

The upside of residency programs is that they are usually a cheaper option than going to school, and depending on the program, you might actually get paid a stipend. Also if you go for a specialty, you'll be a specialist when you complete the program and more likely to start at higher pay when you begin to work.

All information on pathways for foreign-trained dentists is subject to change, so you will have to verify all information before putting it to use. Make sure you look into any specific requirements of the particular school of interest before applying.



THE MATCH:

Matching website :

<https://natmatch.com/dentres/applicants/index.html>

The you click on the “**participant RUBRIQUE**”

Getting Started



The Match Process

Log into the NMS Match System



Register

Applicants must register in the NMS Match System to participate in the Match.



Apply

Applications to programs are prepared and submitted independently



Rank

Use the NMS Match System to submit a Rank Order List of your desired program



Results

Match results are delivered by email and are also accessible in the NMS

Below the Postdoctoral Dental Matching Program for Positions Beginning in 2022

Purpose of the Match

The Postdoctoral Dental Matching Program (the Dental Match) provides an orderly process to help applicants obtain positions in postdoctoral dental education programs of their choice, and to help programs obtain applicants of their choice.

The Dental Match is administered by National Matching Services Inc. (NMS) and is overseen by eight Sponsoring Organizations.

Similar matching programs are used across North America in the annual recruitment of doctors, pharmacists, psychologists, optometrists, podiatrists, and other health professions.

STEPS:

1. Register for the Match

Each applicant and program that wants to participate in the Match must register online in the NMS Match System.

Applicant Registration :

<https://natmatch.com/dentres/applicants/register.html>

2. Apply to and Interview with Programs

With the Match, applicants must still apply to programs they are interested in. Each program sets its own procedures for applications, but most collect applications using the ADEA PASS application service.

Applicants and programs interview and evaluate each other independently of the Match. However, no offers are made by programs during the interview period. Applicants and programs can evaluate each other fully before the programs must decide on their preferences for applicants, and before applicants must decide on their preferences for programs.

3. Submit Your Rank Order List of Preferred Placements

After all interviews are completed, each applicant submits a Rank Order List on which the applicant lists the desired programs, in numerical order of the applicant's preference (first choice, second choice, etc.). Similarly, each program submits a Rank Order List on which the program lists the



desirable applicants, in order of the program's preference. Each program also indicates the number of positions the program has available.

The Match is conducted in two Phases. ORTHO, PERIO, PROS, ANES and Canadian GPR programs, and all applicants interested in those positions, submit Rank Order Lists in Phase I of the Match.

AEGD, US GPR, OMS and PED programs, and all applicants interested in those positions, submit Rank Order Lists in Phase II of the Match.

All Rank Order List information is submitted online in the NMS Match System and is confidential.

4. The Matching Algorithm is Run

NMS uses a matching algorithm to process the preferences stated in the Rank Order Lists and place individuals into positions.

5. Get Your Result

The result of the Match is that each applicant is placed with the most preferred program on the applicant's Rank Order List that ranks the applicant and does not fill all its positions with more preferred applicants. Similarly, each program is matched with the most preferred applicants on its list, up to the number of positions available, who rank the program and who do not receive positions at programs they prefer. Results are available by email and online in the NMS Match System.

6. Post-Match Process

It is possible that all of a particular program's positions will not be filled in the Match, and that some applicants will be left unmatched. When the results of the Match are released, information regarding positions that remain available is provided to applicants who are not matched. Similarly, information regarding unmatched applicants is provided to programs with unfilled positions. These unmatched applicants and programs with positions available are free to contact each other and to negotiate directly with each other, independently of the Dental Match, to fill available positions.

Full Schedule of Dates

List View

Calendar

May, 2021

Residency Registration: Residency program registration emails for participation in the Dental Match are sent to Program Directors, who must complete the online registration process using the NMS Match System.

May 13, 2021

+ Add to Calendar

Applicant Registration: Beginning on this date, applicants can [register for the Dental Match](#) via this web site. Prior to registering, applicants should review the information in the [Application Registration](#) section.

Applicants apply to programs independently of the Match. Many programs that participate in the Match also use the ADEA Postdoctoral Application Support Service (PASS) to receive applications. Application deadlines for programs vary; therefore, applicants should check with programs regarding their deadline dates.

August 1, 2021

By this date, a [list of programs](#) participating in the Match is available on this web site.

October 1, 2021

Recommended date by which applicants should register for the Match.

October 25, 2021

+ Add to Calendar

Phase I Rankings Open: Applicants and programs may begin to submit Rank Order Lists for Phase I of the Match for ORTHO, PERIO, PROS, ANES and Canadian GPR positions using the NMS Match System.

November 12, 2021

+ Add to Calendar

Phase I Rank Order List Deadline: Final date for submission of applicant and program Rank Order Lists for Phase I of the Match for ORTHO, PERIO, PROS, ANES and Canadian GPR positions. No Rank Order Lists, registrations, or withdrawals for Phase I of the Match can be submitted in the NMS Match System after 11:59 p.m. Eastern Time on this date.

November 19, 2021

+ Add to Calendar

Phase I Match Results Day: Results of the Match for Phase I are released to applicants and Program Directors. No action to fill ORTHO, PERIO, PROS, ANES and Canadian GPR positions remaining unfilled after Phase I is to be taken prior to 12:00 p.m. noon Eastern Time on this date.

November 19 -
December 19, 2021

Program Directors of ORTHO, PERIO, PROS, ANES and Canadian GPR programs must send letters of confirmation of the Match result for Phase I to matched applicants within 10 days of the release of the Match results. Applicants must return the letters of confirmation in accordance with the program's instructions within 30 days of the release of the Match results.

December 13, 2021

+ Add to Calendar

Phase II Rankings Open: Applicants and programs may begin to submit Rank Order Lists for Phase II of the Match for AEGD, US GPR, OMS and PED positions using the NMS Match System.

January 14, 2022

+ Add to Calendar

Phase II Rank Order List Deadline: Final date for submission of applicant and program Rank Order Lists for Phase II of the Match for AEGD, US GPR, OMS and PED positions. No Rank Order Lists, registrations, or withdrawals can be submitted in the NMS Match System after 11:59 p.m. Eastern Time on this date.

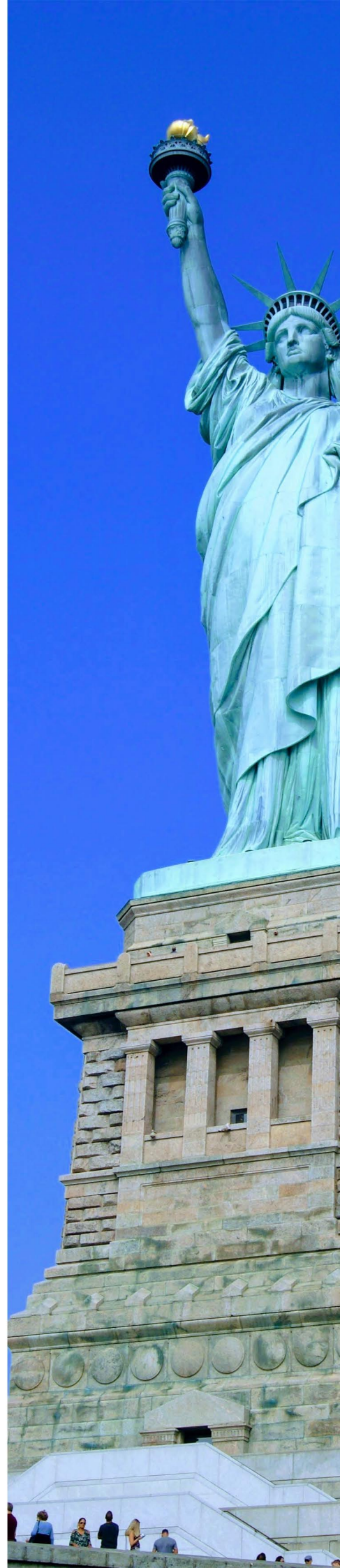
January 24, 2022

+ Add to Calendar

Phase II Match Results Day: Results of the Match for Phase II are released to applicants and Program Directors. No action to fill AEGD, US GPR, OMS and PED positions remaining unfilled after Phase II is to be taken prior to 12:00 p.m. noon Eastern Time on this date.

January 24 -
February 23, 2022

Program Directors of AEGD, US GPR, OMS and PED programs must send letters of confirmation of the Match result for Phase II to matched applicants within 10 days of the release of the Match results. Applicants must return the letters of confirmation in accordance with the program's instructions within 30 days of the release of the Match results.





FOREIGN DENTISTS WORKING REQUIREMENTS IN CANADA

EQUIVALENCY PROCEDURE

• GRADUATED FROM AN ACCREDITED DENTAL PROGRAM:

Countries recognized by the Commission on Dental Accreditation of Canada (CDAC) or the American Dental Association Commission on Dental Accreditation (CODA) are:

- Australia
- Canada
- Ireland
- New Zealand
- USA

(for update, please check
<https://ndeb-bned.ca/en/accredited>)

• PATHWAY TO CERTIFICATION

1. Application Create an online application through the NDEB portal.



2. Register for the Examinations Register for the Written Examination and OSCE.



3. Proof of Graduation Provide an original official transcript of marks indicating the date of convocation.



4. Certification When you have passed both examinations and proof of graduation is received, you will be certified.

Application for the NDEB Certification Process is done online. To apply you will need:

- A current photograph in JPEG or PNG format
- A valid credit card
- Use this link to apply for the process <https://ndeb.useclarus.com>

While you are following the procedure, the fees for exams must be paid by credit card through NDEB's online portal.



FEES	EFFECTIVE JULY 1, 2019
Application One-time fee, non-refundable	\$450
Written Examination	\$1000
Written Examination outside of North America	\$1100
Objective Structured Clinical Examination	\$1000
Objective Structured Clinical Examination outside of North America	\$1100
Withdrawal prior to the registration deadline	25% of the fee
Withdrawal after the registration deadline	50% of the fee
Withdrawal within 14 days of the examination date, or failure to appear for the examination	100% of the fee
Manual rescore - Written Examination	\$150
Manual rescore — OSCE	\$400
Appeal of misconduct decision	\$1700
Replacement certificate	\$75
Proof of Certification	\$30 / Letter
Transcript of Grades	\$30

The Written Examination is administered in two books of 150 multiple choice questions. Each book is given in a 150-minute session. The sessions are held in the morning and afternoon of one day. Written Examination items are developed based on the Competencies for a Beginning Dental Practitioner in Canada.

WHAT ARE THE REQUIREMENTS OF DENTISTS TO BE WORKING IN CANADA?

1. Recognize the determinants of oral health in individuals and populations and the role of dentists in health promotion, including the disadvantaged.
2. Recognize the relationship between general health and oral health.
3. Evaluate the scientific literature and justify management recommendations based on the level of evidence available.
4. Communicate effectively with patients, parents or guardians, staff, peers, other health professionals and the public.
5. Identify the patient's chief complaint/concern and obtain the associated history.
6. Obtain and interpret a medical, dental and psychosocial history, including a review of systems as necessary, and evaluate physical or psychosocial conditions that may affect dental management.
7. Maintain accurate and complete patient records in a confidential manner.
8. Prevent the transmission of infectious diseases by following current infection control guidelines.
9. Perform a clinical examination.
10. Differentiate between normal and abnormal hard and soft tissues of the maxillofacial complex.
11. Prescribe and obtain the required diagnostic tests, considering their risks and benefits.
12. Perform a radiographic examination.
13. Interpret the findings from a patient's history, clinical examination, radiographic examination and from other diagnostic tests and procedures.
14. Recognize and manage the anxious or fearful dental patient.
15. Recognize signs of abuse and/or neglect and make appropriate reports.
16. Assess patient risk (including, but not limited to, diet and tobacco use) for oral disease or injuries.
17. Develop a problem list and establish diagnoses.
18. Determine the level of expertise required for treatment and formulate a written request for consultation and/or referral when appropriate.
19. Develop treatment options based on the evaluation of all relevant data.
20. Discuss the findings, diagnoses, etiology, risks, benefits and prognoses of the treatment options, with a view to patient participation in oral health management.

21. Develop an appropriate comprehensive, prioritized and sequenced treatment plan.
22. Present and discuss the sequence of treatment, estimated fees, payment arrangements, time requirements and the patient's responsibilities for treatment.
23. Obtain informed consent including the patient's written acceptance of the treatment plan and any modifications.
24. Modify the treatment plan as required during the course of treatment.
25. Provide education regarding the risks and prevention of oral disease and injury to encourage the adoption of healthy behaviors.
26. Provide therapies for the prevention of oral disease and injury.
27. Recognize and institute procedures to minimize occupational hazards related to the practice of dentistry.
28. Achieve local anesthesia for dental procedures and manage related complications.
29. Determine the indications and contraindications for the use of drugs used in dental practice, their dosages and routes of administration and write prescriptions for drugs used in dentistry.
30. Manage dental emergencies.
31. Recognize and manage systemic emergencies which may occur in dental practice.
32. Manage conditions and diseases of the periodontium, provide periodontal treatment when indicated and monitor treatment outcomes.
33. Assess the risk, extent and activity of caries and recommend appropriate non-surgical and surgical therapy.
34. Manage dental caries, tooth defects and esthetic problems and, when restoration is warranted, use techniques that conserve tooth structure and preserve pulp vitality to restore form and function.
35. Manage patients with orofacial pain and/or dysfunction.
36. Manage surgical procedures related to oral soft and hard tissues and their complications.
37. Manage trauma to the orofacial complex.
38. Manage conditions and pathology of the pulp and provide endodontic treatment when indicated.
39. Manage abnormalities of orofacial growth and development and treat minor orthodontic problems.
40. Recognize and manage functional and non-functional occlusion.
41. Select and, where indicated, prescribe appropriate biomaterials for patient treatment.
42. Manage partially and completely edentulous patients with prosthodontic needs including the provision of fixed, removable and implant prostheses.

43. Make records required for use in the laboratory fabrication of dental prostheses and appliances.
44. Design a dental prosthesis or appliance, write a laboratory prescription and evaluate laboratory products.
45. Apply accepted principles of ethics and jurisprudence to maintain standards and advance knowledge and skills.
46. Apply basic principles of practice administration, financial and personnel management to a dental practice.
47. Demonstrate professional behavior that is ethical, supersedes self-interest, strives for excellence, is committed to continued professional development and is accountable to individual patients, society and the profession.



Score sheets are electronically scanned and processed. Results are then verified manually at least three times. An additional verification is done of all results close to the passing score before they are released to candidates.

A test equated, re-scaled score of 75 or greater is reported as a Pass. A test equated, re-scaled score of less than 75 is reported as a Fail and will include the test equated, re-scaled score. No further breakdown of results is available.

the Objective Structured Clinical Examination (OSCE) will be administered in a booklet format. The OSCE includes two sessions administered on one or two days.

There are two types of questions in the OSCE. Most stations have two questions and require that you review the information supplied (e.g., case history, dental charts, photographs, radiographic images, casts, models, videos) and answer extended match-type questions. Each extended match-type question will have up to 15 answer options and one or more correct answers. Some stations require the candidate to review the information supplied and write an acceptable prescription for a medication commonly prescribed by general dentists in Canada. A test equated, re-scaled score of 75 or greater is reported as a Pass. A test equated, re-scaled score of less than 75 is reported as a Fail and will include the test equated, re-scaled score. No further breakdown of results is available.

WRITTEN EXAMINATION AND OSCE DATES:

-MARCH 06-07, 2021

Registration Deadline: January 11, 2021 21:00 EST

-MAY 29-30, 2021

Registration Deadline: April 29, 2021 21:00 EST

-NOVEMBER 20-21, 2021

Registration Deadline: October 4, 2021 21:120 EST

• RECEIVING AN NDEB CERTIFICATE:

A certificate is issued upon successful completion of the Written Examination and OSCE, and after proof of graduation is provided to the NDEB office.

PROGRAM:

Graduates of accredited dental programs in the U.S., Australia, New Zealand, and Ireland

HOW TO SUBMIT PROOF OF GRADUATION:

Request an original official transcript of marks be sent directly to the NEB in a sealed envelope. The final transcript must indicate the date the degree was conferred. An interim transcript of marks will not include the date of conferral and is not acceptable.

• GRADUATED FROM A NON-ACCREDITED DENTAL PROGRAM:

If you qualified in a country not listed above, you will be considered non-accredited.

STEP 1: Create an Online Profile.

STEP 2: Submission of Required Documents.

STEP 3: Credential Verification.

To begin the process with the National Dental Examination Board (NDEB), you have to apply to be accepted into the Canadian Dentistry Equivalency Process. As long as you have a recognized degree, you should be accepted. Please remember to give the NDEB a bit of time to accept your application as there are delays to the application process due to COVID-19.



HOW TO APPLY TO NDEB EQUIVILANCY

Application to the NDEB Equivalency Process involves three steps:

1. CREATION OF AN ONLINE PROFILE

Graduates of eligible non-accredited dental programs can apply for the NDEB Equivalency Process through the NDEB online portal. To create an online profile, you will need:

- A current photograph in JPEG or PNG format
- A valid credit card

The following documents help you to create your online profile:

Detailed instructions for submitting your online application for the NDEB Equivalency Process

(https://ndeb-bned.ca/sites/ndeb/files/pdf/application_instructions.pdf)

2. SUBMISSION OF REQUIRED DOCUMENTS

After creating an online profile, you must submit a series of required documents. The Required Documents and the Confirmation of Degree Completion form will be available on the dashboard of your online profile. Required documents are different for each country

(<https://ndeb-bned.ca/en/non-accredited/equivalency>)

(If you are unable to submit the required documents due to circumstances beyond your control you may use the NDEB Alternative Documentation Submission process.)



3. CREDENTIAL VERIFICATION

All required documents are subject to the NDEB's credential verification process. This process starts when all the required documents are received.

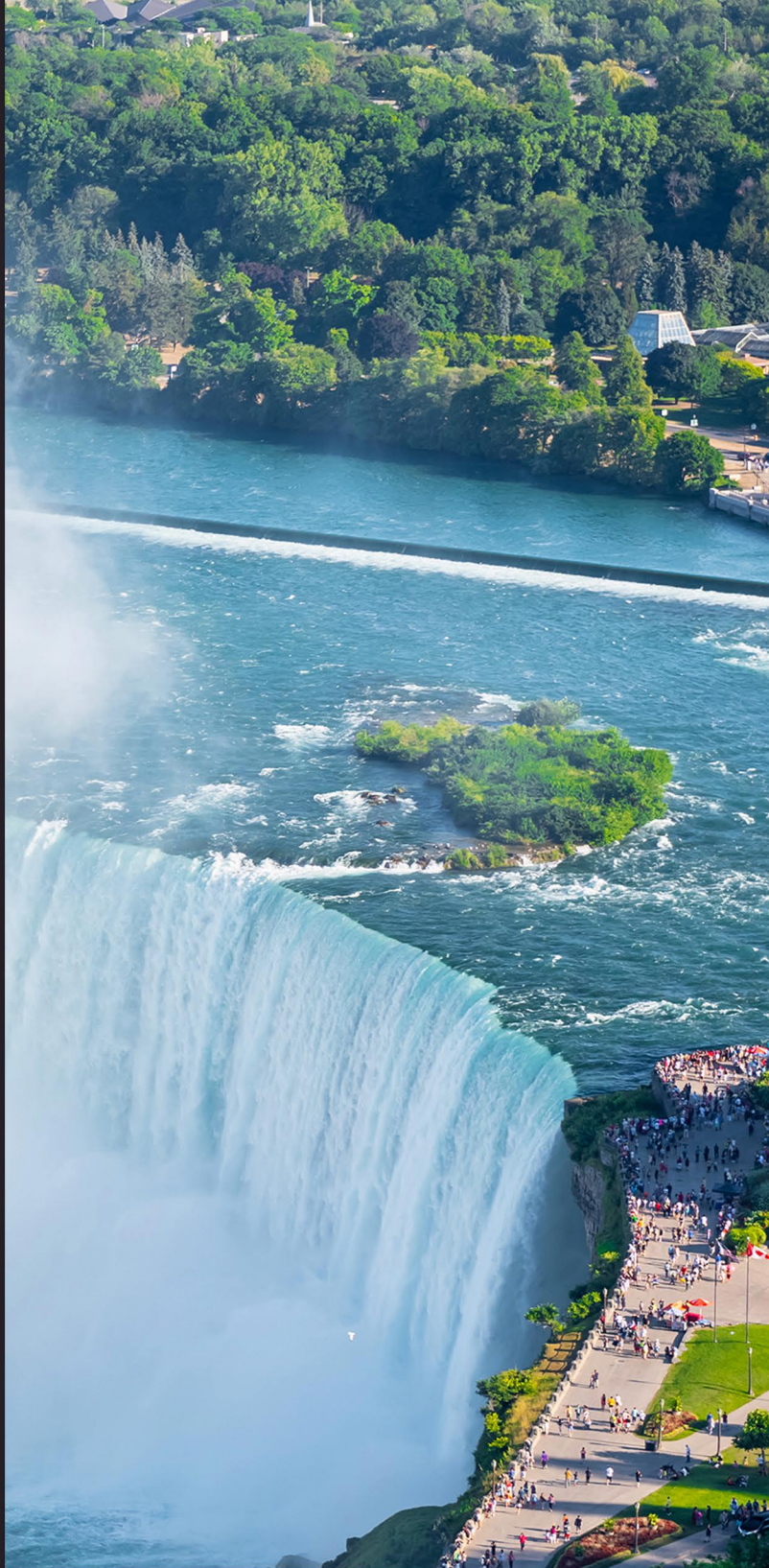
As documents are moved through the credential verification process, the status of each document is updated in your online profile. When a document does not meet the requirements for credential verification you will receive notification by email. The email will outline what you need to do to complete the application. When documents are submitted incorrectly, it delays the credential verification. Review the Required Documents carefully to ensure your documents meet the necessary criteria.

• ASSESSMENT OF FUNDAMENTAL KNOWLEDGE (AFK)

The first exam after getting accepted is the AFK (Assessment of Fundamental Knowledge). When all of the required documents are accepted, you will receive an email indicating that your application has been approved, and you will be eligible to register for the Assessment of Fundamental Knowledge (AFK).

After you pass this exam you have two options: continue the equivalency process and take ACJ (Assessment of Clinical Judgment) and ACS (Assessment of Clinical Skills) or apply to a Canadian University and do a two-year bridging program (you can see the option that we gathered below). You are allowed three attempts for each exam to get a passing grade.

After you've completed the equivalency process you will need to take the board exams (OSCE & Written) in order to get your license to start practicing in Canada.



STAGE

EXAM FEE

OTHER COSTS (OPTIONAL AND VARIABLE)

Stage 1 Profile & Paperwork

\$900

Stage 2 Assessment of Fundamental Knowledge

\$800

\$3,000 - \$4,000 (reparation)

Stage 3 Assessment of Clinical Judgement

\$1,350

\$2,000 - \$2,500 (Preparation)

Stage 4 Assessment of Clinical Skills

\$9,000

\$2,900 - \$6,500 (Preparation)
\$10,000 - \$15,000 (Equipment and Materials)

Stage 5 Written & OSCE Exam

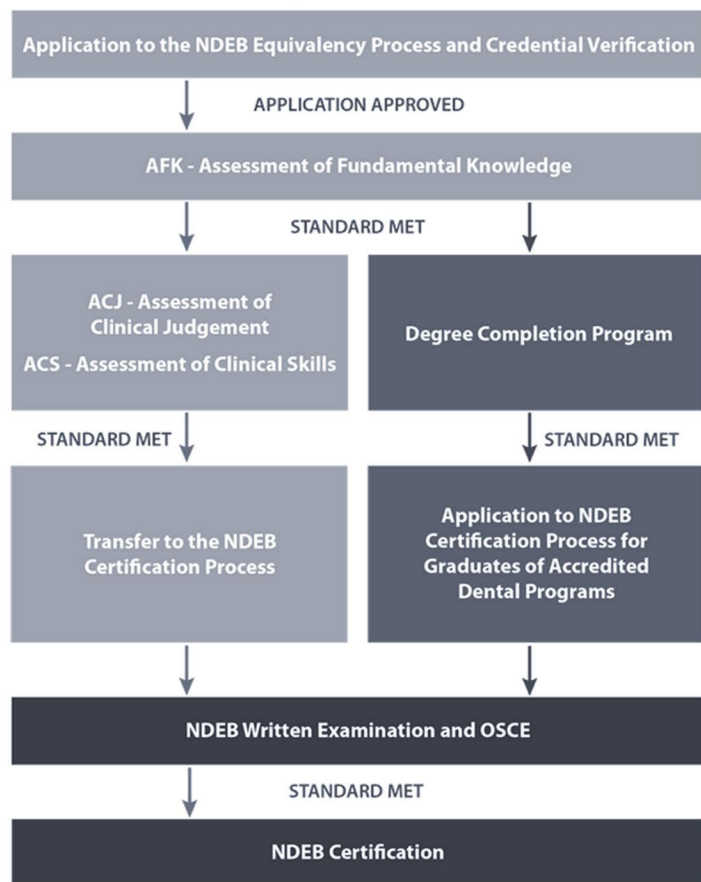
\$1,000

\$1,000 - \$2,500 (Preparation)

*All prices are in CAD and reflect the fees at the time this post was written (December 2020). For the latest updates for NDEB exam fees, please visit the NDEB's website.

In addition to exam fees, you will need to purchase materials (i.e. kits and reusable teeth) to practice. It is also your responsibility to bring in all the required materials for the actual exam.

PATHWAY TO CERTIFICATION:



QUALIFYING OR DEGREE COMPLETION PROGRAM (BRIDGING PROGRAM):

Once you have completed the NDEB's AFK exam, you have the option to enroll in a specialized bridging program, offered by Canadian universities. These programs are designed to bridge the gap between international and Canadian dental training.

Bridging programs are held over five to six months and after successful completion of the program, students can enroll directly into the third year of a four-year Doctor of Dental Surgery Program (DDS). Overall, the program can take 22.5- years to complete.

Bridging programs are intended for those who have graduated from an educational program that is not recognized by The Commission on Dental Accreditation of Canada (CDAC).

If you meet all the requirements for your chosen institution's program, you will be contacted for an interview or to participate in a bench test.

It is important to note that not every university offers a bridging program. Each university has a different process and standards. It is best to contact the institution of your choice to confirm its specified entry requirements.

The process can cost up to CAD 90,000 but this price can vary depending on tuition fees as well as each institution's non-refundable application fee.

The following is a list of accredited dental universities that may offer a Qualifying or Degree Completion Program. Please be aware that the number of individuals accepted into these programs will be limited by the resources available to the Faculty of Dentistry.

The result of your Eligibility Examination is one of the requirements for application to a Qualifying Program or a Degree Completion Program. Each university will inform you of its admission policy, including any language proficiency requirements, and the type of certificate or degree it offers to students. For more information on these programs, please contact the following:

ALBERTA

*Ms. Melanie Grams, Administrator, Admissions
Department of Dentistry
University of Alberta
Room #3028 Dentistry/Pharmacy Ctre (DPC)
Edmonton, AB T6G 2N8
Telephone: 7801319-492- / fax: 7807536-492- / e-mail:
melanie.grams@ualberta.ca*

MANITOBA

*Jean Lyon, IDDP Coordinator
Faculty of Dentistry
University of Manitoba
D113 – 780 Bannatyne Avenue
Winnipeg, MB R3E 0W2
Telephone: 2045611-977- / fax: 2043912-789- / e-mail:
dean_iddp@umanitoba.ca*

ONTARIO

*Internationally Trained Dentists (ITD) Program Coordinator
Schulich School of Medicine & Dentistry
University of Western Ontario
Dental Sciences Building, Room 1003
London, ON N6A 5C1
Telephone: 5192111-661- / fax: 5193875-661- / e-mail:
itd.program@schulich.uwo.ca*

Mrs. Margaret Edgbill, Faculty Registrar
Faculty of Dentistry
University of Toronto
124 Edward Street
Toronto, ON M5G 1G6
Telephone: 4164374-1-4901-979- / fax: 4164944-979- / e-mail:
admissions.dental@utoronto.ca

QUEBEC

Ms. Marie-Claude Loignon, Admissions and Recruitment Officer
Admissions Office
McGill University
Faculty of Dentistry
3640 University Street, Rm 238/B
Montreal, PQ H3A 0C7
Telephone: 5147203-398- / Fax: 5148900-398- / e-mail:
undergrad.dentistry@mcgill.ca

F. Corbeil Labonte, Agente d'évaluation
Service de l'admission et du recrutement
Université de Montréal
Faculté de médecine dentaire
C.P. 6205, Succ. Centre-ville
Montréal, PQ H3C 3T5
Telephone: 5147076-343- / Fax: 5145788-343- / e-mail:
fanie.corbeil.labonte@umontreal.ca

NOVA SCOTIA

Dentistry Admissions
Faculty of Dentistry
Dalhousie University
5981 University Avenue
Halifax, NS B3H 3J5
Telephone: 9022824-494- / fax: 9022527-494- / e-mail:
admissions.dentistry@dal.ca

ASSESSMENT OF CLINICAL JUDGEMENT (ACJ)

After you pass AFK, for continuing the equivalency process you should take ACJ (Assessment of Clinical Judgment) and ACS (Assessment of Clinical Skills)

The Assessment of Clinical Judgement (ACJ) is a 5 ½ hour assessment with one scheduled 30-minute break. The assessment consists of 120/150- single-answer and multi-answer multiple choice type questions.

Each section of the ACJ will contain case-based diagnosis, treatment planning and clinical decision-making questions, and radiographic interpretation questions. Both question types will be found throughout the Assessment. Case-based diagnosis, treatment planning and clinical decision-making questions evaluate your ability to formulate a diagnosis and to make clinical decisions. Case histories, dental charts, radiographic images, and photographs may be provided.

Radiographic interpretation questions evaluate your knowledge in oral radiology and ability to make a radiographic interpretation and diagnosis using radiographic images.

The assessment will be administered electronically at Prometric test centers. The NDEB's e-Exam Orientation should be viewed prior to taking the ACJ.

Assessment results are electronically processed. Results are then verified manually at least three times. An additional verification is done of all results close to the passing score before they are released to participants.

A test equated, re-scaled score of 75 or greater is reported as a Pass. A test equated, re-scaled score of less than 75 is reported as a Fail. Results will include the test equated, re-scaled score. No further breakdown of results is available.

ASSESSMENT OF CLINICAL SKILLS (ACS)

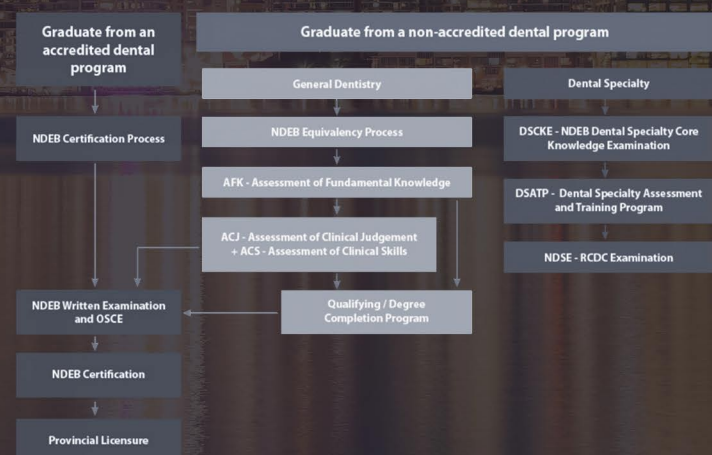
The ACS is a two-day assessment during which you perform twelve (12) dental procedures on simulated patients (manikins) in a clinical setting.

The Assessment of Clinical Skills (ACS) Protocol contains important information regarding the ACS. This document should be read carefully. You can download the 2020 ACS protocol.

The ACS is administered at Faculties of Dentistry in Canada and in New Zealand. Although the clinics use standard dental equipment, each of the dental clinics are different and may use slightly different equipment.

The restorative and endodontic requirements are graded using the four-point grading system illustrated in the ACS Protocol. You can take the ACS a maximum of three times.

After passing these 3 exams, you should pass dental board exams (written exam and OSCE) as explained above, and then you would be certified.



UNIVERSITY OF ALBERTA

1. PHD IN MEDICAL SCIENCES- PERIODONTOLOGY.

Doctoral Degrees

Online/Distance - 6 years

Start date - 1 September 2021

Fees - CAD \$9,465.00 (US\$ 7,368) per year

I: APPLICATION DEADLINE:

Applications accepted May 1 to September 1 the year preceding admission.

II: ENTRANCE REQUIREMENT:

A) Candidates are accepted under the general regulations of the Medical Sciences Graduate Program. Hence they would need:

- *A DDS or equivalent dental professional designation.
- *At least one year of experience as a licensed dentist within five years prior to the start of the program is required with a grade point average of at least 3.0 (or equivalent qualification) in the last 60 units of course weight of their dental program.
- * At least one year of experience as a licensed dentist within five years prior to the start of the program is also required.
- *Preference will be given to candidates who present a master's of science degree.
- *A suitable supervisor must be identified to support the applicant.

> BESIDES, SPECIFICALLY FOR INTERNATIONAL STUDENTS:

Minimum admission requirements are a Doctor of Dental Surgery (DDS) or equivalent and a master's degree with an admission GPA of at least 3.0 on the 4-point scale from the University of Alberta, or an equivalent qualification and standing from a recognized institution. The admission GPA will be calculated on the last 60 of graded coursework completed, or on the equivalent of the last two years of full-time graded coursework.

Applicants without a master's degree may be considered for admission provided they can demonstrate adequate prior relevant education and experiences as determined by both the Department of Dentistry and the Division of Periodontology.

As part of the admission process, selected applicants will be invited to interview.



Admission is dependent upon the recommendation of the Department of Dentistry's Graduate Committee and the Medical Sciences Graduate Program Committee.

NOTE : A to the PHD program must identify a willing faculty supervisor, a potential thesis topic, and potential funding prior to submission of thier application. You have to use the Faculty Member Listing to contact those in which you have common research interests in order to secure a supervisor. Keep in mind that it is beneficial to include a research proposal when contacting individual faculty members. Once you have confirmed a Supervisor, you are required to complete the « applicant / superior chcklist » : Applicant/Supervisor Checklist and submit this as part of your application. Remember that this form requires the signature of your confirmed supervisor.

While it is not a requirement to apply, preference may be given to candidates who have successfully completed the National Dental Examining Board of Canada's (NDEB) Certification Process.

A photograph of the University of Alberta campus. In the foreground, a large, light-colored stone wall features a sign with the letters 'TY OF' and 'RTA' in a serif font. Beyond the wall is a wide, green lawn with a few people walking. In the background, a large, multi-story brick building with many windows is visible under a clear blue sky. Some trees with autumn-colored leaves are scattered around the lawn.

TY OF
RTA

B) English Language Proficiency

All applicants must demonstrate English language proficiency prior to admission either by:

1. Possession of a degree or its academic equivalent from an academic institution recognized by the University of Alberta, in which the language of instruction is English.
2. A satisfactory score on an approved English language examination as described below:

*TOEFL paper-based score of 570

*TOEFL computer-based score equivalent of 230.

*TOEFL internet-based score equivalent of 95 (with at least 20 per section).

*CAEL minimum score of 70 with at least 70 on each subtest.

*IELTS (Academic test) score of 7.0 with at least 6.0 on each band.

Here you will find ELP exempt countries and institution :
(<https://www.ualberta.ca/graduate-studies/prospective-students/international-admissions-protocol/english-language-proficiency/recognized-countries-institutions.html>)

III : FEES

Candidates should be prepared to support themselves for the duration of their selected program, although funding from scholarships and studentships may be obtained on a competitive basis.

A cost-recovery clinical operation fee of \$9,767/year (every year that the student is registered in the program) and an equipment and instrument-rental fee of \$12,023/year (only when registered in the clinical courses) are required in addition to regular instructional and non-instructional fees which can be accessed here.

If you are an international student admitted to a graduate program in Fall 2020 and beyond, your tuition will be calculated using a program-based model. This means that you will receive an annual and total program tuition guarantee in your formal letter of admission to the University.

This guarantee will inform you of the total tuition cost of your program. (The guarantee does not refer to an award or to reimbursement of any tuition costs.)

STEPS:

- When you are admitted to a thesis-based master's or doctoral program, you will be provided in your letter of admission with a guaranteed annual tuition rate based on full-time enrolment in every term.
- This guarantee will apply to all requirements necessary to complete the thesis-based degree program except courses taken in the Spring and Summer terms. Course registrations in those terms (other than mandatory THES 906 enrolments) will be assessed additional tuition costs.
- You will also be provided a maximum total covered by the guarantee corresponding with the normal maximum duration of your program.
- You will be charged the annual rate each year in which you are enrolled in your program. Provided that you have met the minimum registration requirement, you need only pay for the number of years you need to meet your program requirements.
- Some exceptions may apply.

Example of a PHD Programs with Standard Fees :

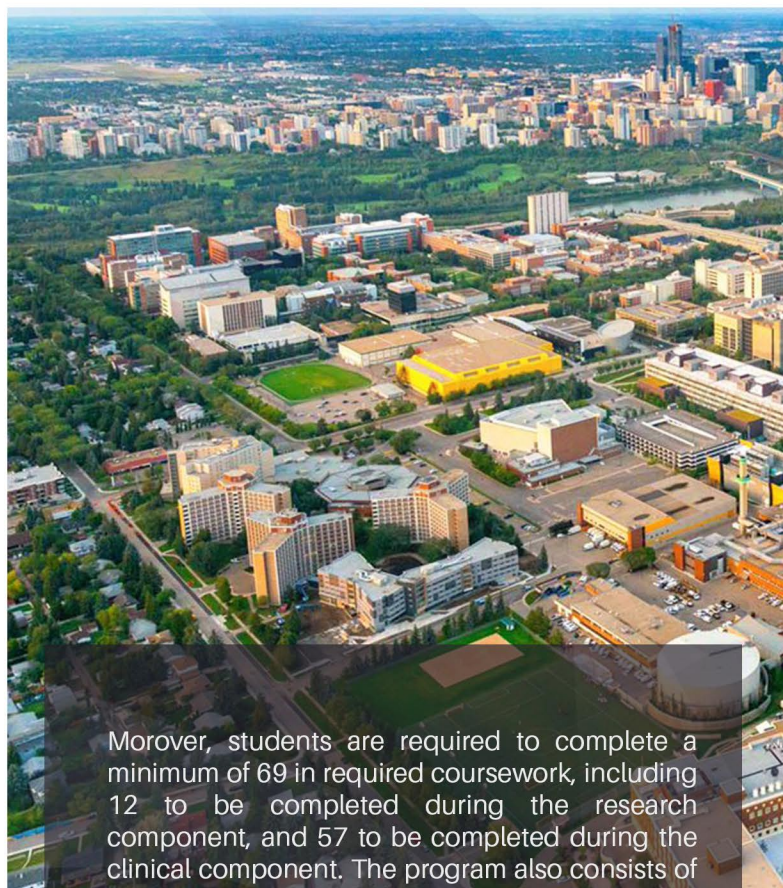
Fall 2020 Cohort: Doctoral Programs

Annual rate	\$8,700
Total amount under this guarantee	\$52,200
Length of guarantee	6 years
Minimum required payment	\$26,100 (the equivalent of three years of full-time registration)
Not covered under this guarantee	• Registration in courses in spring/summer terms beyond mandatory THES 906 • Other fees, including mandatory non-instructional fees • For courses with specialized fees taken by students in standard programs, the difference between the course standard fee and the course specialized fee will be charged • Cost of living
Cost of additional spring/summer term courses beyond mandatory THES 906	\$1,864.30 per *3 course within the period of time covered by the guarantee

You may find more details in this website :
<https://www.ualberta.ca/graduate-studies/prospective-students/international-student-tuition-fall-2020.html>

IV :PROGRAM REQUIREMENTS :

The requirements for the degree include coursework a clinical component and a thesis. Student progress will be monitored through an annual written and/or oral external assessment. Feedback from this assessment serves to identify areas that require additional attention by the student. The assessment will permit the development of specific clinical and/or didactic improvement objectives before the next annual assessment. Course requirements include both core courses of the Graduate Dentistry curriculum, clinical courses, and electives which are recommended by the Supervisor and Supervisory Committee based on the background of the student and the area of specialization to be undertaken .



Moreover, students are required to complete a minimum of 69 in required coursework, including 12 to be completed during the research component, and 57 to be completed during the clinical component. The program also consists of seminars and a thesis.

The clinical requirements involve successful completion of a selected number of teaching cases. Clinical training will not start until defined research milestones are attained and the candidacy examination is successfully passed. Clinical training will start in September immediately after these conditions are met.

The program of study is determined in consultation with the supervisor and supervisory committee. The research component will be exclusively performed during the first two years.

Students enrolled in the PhD in Medical Sciences - Periodontology will not have the option of transferring to the MSc in Medical Sciences - Periodontology program but may switch to the MSc in Medical Sciences - Dentistry or MSc in Medical Sciences - Oral Biology.

V : REQUIRED DOCUMENTS :

*Official transcripts (or a certified true copy) from each university/institute attended.

*Original degree certificate (or a certified true copy) if your transcript does not indicate a degree earned. Documents that are not in English must be accompanied by a notarized English translation.

*An official note of their class ranking (if applicable) upon graduation from dentistry.

*TOEFL or IELTS test score report (if your language of instruction in university was English this requirement may be waived).



*A letter of reference and a completed appraisal template : completed appraisal template from each of the 3 different referees.

Your curriculum vitae filled in this file : curriculum vitae (resume) which includes education, qualifications, publications, and previous professional and research experience.

*Letter of intent - (Describe why you wish to pursue graduate studies at the University of Alberta. If applicable, indicate your potential supervisor, the sources of funding, and a potential research topic).

*Applicants should complete the online application ApplyGrad prior to submitting any supporting documents.

Note: An academic record that satisfies the basic entrance requirements does not necessarily guarantee admission. Enrollment in our graduate programs is limited and the number of qualified applicants greatly exceeds the number of positions available. Admission will be based on demonstrated academic excellence, an MSc or equivalent degree or strong evidence of previous research experience, the candidate's CV, the candidate interview, and the quality of letters of recommendation

Official documents (transcripts, degree certificates, etc.) may be required upon receiving the conditional offer of admission letter. Documents must be sent directly from the post-secondary institution to the Faculty of Graduate Studies and Research office.



**UNIVERSITY
OF ALBERTA**

2. M.SC. IN MEDICAL SCIENCES- ORTHODONTICS.

Masters Degrees

Online/Distance - 3 years

Start date - 1 September 2021

Fees - CAD \$9,465.00 (US\$ 7,368) per year

I: PROGRAM DESCRIPTION:

- MSc in Orthodontics at the University of Alberta allows students to complete this course in 3 years.
- It is an on-campus, thesis-based program offered on a full-time basis.
- The MSc program provides academic and clinical experience for a successful private practice career options.
- The department provides many programs to complete the MSc degree such as :
 - o Dentistry
 - o Dental Hygiene
 - o Oral Biology
 - o Oral Medicine
 - o Orthodontics
 - o Periodontics
- The program completion will depend on the completion of program requirements including; coursework, clinical case completion, seminars, and defense of research findings (thesis).
- Students may also have an opportunity to present their research results at an international scientific meeting prior to completion of the program.
- The student-faculty ratio of this program is 21:1.
- The University of Alberta has a wide array of awards, scholarships, and prizes to assist in funding student's graduate studies.
- The major research areas for this program are:
 - o Community and Public Health
 - o Oral Biology
 - o Orthodontics
 - o Oral Medicine
- Graduate students in this program will be prepared to challenge the Royal College of Dentists of Canada (RCDC) Fellowship national specialty examination as well as the American Board of Orthodontics exam.
- The University of Alberta's Department of Medicine is a recognized leader in innovative education, world-class research, and outstanding patient care.
- The Faculty of Medicine and Dentistry at the University of Alberta is dedicated to providing learner-centered educational programs that meet the health-care needs of the communities.
- Job opportunities after MSc in Orthodontics are Dentist, Clinical Research Scientist, etc and the average salary goes up to 52,000 USD.

Program Highlights

Degree Type Offered	Master
Duration	2 years
Fees	\$ 28860 for 2 years
Delivery Type	Full Time
Admission Intake	Winter (Deadline - Sept 1)
Language Proficiency	TOEFL, IELTS
Exams	GRE
Offered By	Faculty of Medicine & Dentistry, University of Alberta

II: ELIGIBILITY & ENTRY REQUIREMENT:

Academic Eligibility:

- Students must have to complete the Doctor of Dental Surgery or equivalent degree from a recognized university.
- Students have a minimum GPA of 3.4 (B+ Grade) on the University of Alberta's 4-point scale in the last 60 units of course weight of the dental program.

Work Experience:

- The admission of the students will be based on demonstrated academic excellence, evidence of previous research experience, and the quality of letters of recommendation.
- Students have completed at least one year of experience as a licensed dentist prior to the start of the program.
- Proof of clinical involvement as a licensed dentist not later than two years prior to application is required.

Indian Student Eligibility:

Indian students are eligible to apply if they meet one of the following eligibility criteria:

- Students are normally required to have completed a bachelor's degree in their academic equivalent, from an academic institution.
- GPA of 3.04.0/ (B Grade) based on the recent two years of full-time study (or equivalent) is required.
- Students will need to submit school results for Class XI showing a competitive average and course registration for Class XII, or Class XII mid-year results.
- Students in CBSE or CISCE schools, they present 75%+ on their final Class XII exams.

Along with the minimum eligibility requirements, international students hailing from non-English speaking countries need to prove English proficiency through IELTS / TOEFL / any equivalent test.

Required Document List:

- CV/Resume: Outline of academic achievements and/or awards, publications, relevant work, and/or volunteer experience.
- Transcripts: Submit copies of official transcripts from post-secondary institutions attended in PDF format.
- Reference Form/Letter: Three reference forms and letters of recommendation completed and uploaded by referees (Teachers, guidance counselors, or Professors) directly to the online portal.
- Three Letters of Reference: The online application system will notify the references and allow the student to upload their letters. Letters can be academic or business references.
- Research Proposal: 2-5 page description of the proposed research project, outlining the relevant legal issues, preliminary arguments, and the proposed research methodology.
- Statement of Intent: Reasons or intentions for pursuing studies in this program, including a description of prior experience.
- ELP Scores: Students have to submit their English language proficiency scores like IELTS, TOEFL, or other test scores.

Application Deadline:

For winter season : 1st of September 2021.

Scores Required:

- TOFEL:** Average score of **95** / 120.
- IELTS:** Average score of **7.5** / 9.
- GRE:** Average score of **310** / 340.



III: FEES & FUNDING:

*Tuition & Application Fees:

Year	Year 1	Year 2
Tuition Fees	\$13980	\$13980
Health And Wellness	\$450	\$450
Total Fees	\$14430	\$14430

*Living costs :

Head	Avg Cost Per Year
Housing	\$ 10800
Food	\$ 2700

*Scholarship Grants & Financial Aids:

Name	Amount	International Students Eligible	Application Deadline
Alberta Innovates Graduate Student Scholarship	Variable	Yes	Feb 14, 2021
UAlberta Master's Entrance Scholarship	Variable	Yes	Apr 7, 2020
Alberta Graduate Excellence Scholarship (AGES)	\$ 8312	Yes	N/A
Debash Kamal Scholarship	\$ 1385	Yes	Apr 30, 2020
Narotam Sekhsaria Scholarships	Variable	Yes	N/A
FINCAD Women in Finance Scholarship	\$ 20000	Yes	N/A
Ontario Graduate Fellowship	\$ 8459	Yes	N/A
Rotary Foundation Scholarships- Global Grants	Variable	Yes	Jun 30, 2021
Aga khan Foundation Scholarships	Variable	Yes	Mar 31, 2021
QS Scholarship for Academic Excellence	\$ 10000	Yes	Apr 30, 2021
Bharat Petroleum Scholarship 2020	Variable	Yes	N/A
Jared J. Davis Grant	\$ 1000	Yes	N/A
BrokerFish International student scholarship	\$ 1000	Yes	Dec 21, 2020
VueVille Future Technology Scholarship	\$ 1000	Yes	Sep 30, 2020
GyanDhan Scholarship	\$ 78443	Yes	Aug 31, 2021
Go Clean Scholarship	\$ 3500	Yes	Dec 31, 2020
Golden Key Graduate Scholar Award	\$ 2500	Yes	Dec 23, 2020
[ISC] Women's Cybersecurity Scholarships	Variable	Yes	Feb 19, 2021
Saryu Doshi Graduate Fellowships in Liberal Arts & Sciences	\$ 4078	Yes	N/A
Collegedunia \$150 Scholarship Program	\$ 150	Yes	N/A
Forktip Women's- Innovation Scholarship	Variable	Yes	Aug 30, 2020
Axol Science Scholarship	\$ 2000	Yes	Jul 1, 2020

IV: VISA & WORK STUDY:

Visa :

- There is no particular visa type to study in Canada but require a Student Visa.
- International applicants who are applying for a Student Visa are required to have TRV (Temporary Resident Visa) or eTA (Electronic Travel Authorization) for entry in Canada.
- Following are the required documents for Students for Visa Application :
 - o Application for Study Permit
 - o Letter of acceptance.
 - o Proof of financial support.
 - o Passport photos.
 - o an Entry Visa to enter the country.
 - o Visa to study or work in the country.
 - o Resident Permit or registration after arrival in the host country.

Career and Placement after Course:

- Dentist
- Dental surgeon in clinics and hospitals
- Dental Hygienist
- Academic Lecturer
- Clinical Research Scientist
- General Practitioner



UNIVERSITY OF TORONTO

PH.D - DOCTOR OF PHILOSOPHY IN DENTISTRY.

Doctoral Degrees

Online/Distance - 4 years

Start date - September 2021

Fees - CAD \$6,210.00 (US\$ 4,834) per year

I: FULL-TIME RESEARCH PROGRAM:

A) Minimum Admission Requirements

• Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Faculty of Dentistry's additional admission requirements stated below.

• For international students : Students are normally admitted to a four-year PhD program with an appropriate master's degree, or equivalent, with at least an A- standing (3.7 out of 4.0 GPA) in the final year from a recognized university in a discipline appropriate to the intended field of doctoral study.

However, under exceptional circumstances, the Faculty may admit a highly qualified student with an appropriate BSc degree in a discipline appropriate to the intended field of doctoral study or a Doctor of Dental Surgery (DDS) degree with at least an A- standing from a recognized university.

• Language for students coming from non-English speaking countries : They have to take one of those exams to evaluate their English level :

*International English Language Testing System (IELTS): The minimum requirement is an overall band of 6.5, with no band below 6.0.

*Test of English as a Foreign Language (TOEFL): The minimum scores required for the different TOEFL tests are:

°**Internet-based Test :Minimum Requirement:** total score of 100 + 22 on Writing Discretionary Range: total score 8999-21 - +19 on Writing

°**Cambridge Assessment English C1:** Advanced or C2: Proficiency: A minimum overall score of 180, with at least 170 in each component.

°**Canadian Academic English Language Assessment (CAEL)**: The minimum score required to meet our English facility requirement is an overall score of 70 and no part below 60.

°**Canadian Test of English for Scholars and Trainees (CanTEST)**: The minimum requirement is a total score of 4.5, and no part below 4.



- Participate in all graduate research activities of the advisor's research group.
- Present at meetings and publish original research findings in timely fashion.
- Participate as members of departmental and student committees as applicable.
- Consult with the Associate Dean, Graduate Education, who will appoint a committee to plan and arrange their coursework and research programs. The committee and the Associate Dean must approve the entire course of study. The committee will closely monitor the student's ability to sustain satisfactory performance and will report annually to the Associate Dean for approval and continuance of candidacy.

C) Program Length:

4 years full-time; 5 years direct-entry; 5 years transfer-from-MSc

D) Time Limit:

6 years full-time; 7 years direct-entry; 7 years transfer-from-MSc

II: FULL-TIME PROGRAM COMBINED WITH DENTAL SPECIALTY TRAINING OPTION:

The Faculty of Dentistry offers a doctor of philosophy degree for exceptional dental graduates seeking to combine a PhD degree with advanced training in a clinical specialty. Applicants intending to train as clinicians/scientists, aspiring to teaching and research careers in the dental field, are considered on an individual basis.

A) Minimum Admission Requirements:

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Graduate Department of Dentistry's additional admission requirements stated below.
- DDS degree or an equivalent degree with at least an A-standing (3.7 out of 4.0 GPA) in the final year from a recognized university. Evidence of research experience or research potential is normally required.

B) Program Requirements:

- Completion of an original research project culminating in the oral defence of a thesis.
- Completion of the courses DEN 1100Y0 Seminars in Oral Health Sciences and DEN 1010H Research Ethics, plus an additional 1.0 full-course equivalent (FCE) pertaining to the research component of the program, together with completion of clinical and didactic coursework requirements as necessary to meet Canadian Dental Association accreditation requirements for the chosen clinical specialty that includes successful completion of the courses DEN 1014H Clinical Epidemiology and Evidence-Based Care and DEN 1015H Introduction to Biostatistics.
- Consult with the Associate Dean, Graduate Education, who will appoint a committee to plan and arrange their course and research programs. The committee and the Graduate Chair must approve the entire course of study. The committee will closely monitor the student's ability to sustain satisfactory performance and will report semi-annually to the Associate Dean, Graduate Education for approval and continuance of candidacy.

B) Program Requirements

- Students undertake customized programs, approved by an advisory committee and the Associate Dean, Graduate Education, comprising advanced study and original research culminating in the defence of a thesis.
- Minimum course requirements: completion of the courses DEN 1100Y0 Seminars in Oral Health Sciences and DEN 1010H Research Ethics, plus an additional 2.5 full-course equivalents (FCEs) that includes the course DEN 1015H Introduction to Biostatistics.
- Exemptions may be granted for MSc coursework from closely related disciplines. This includes students transferring from MSc to PhD programs. Programs of study for BSc students will normally include additional coursework requirements.
- Although the minimum residency requirement is one year, it is the Faculty's expectation that students will normally remain on campus for four years.
- After 12 months and within 24 months of starting a PhD program, students must pass a qualifying oral examination to demonstrate an adequate capacity for oral health sciences research through previous work and will be examined on their thesis proposal and their breadth of knowledge relative to the research project.



C) Program Length:

Varies by specialty; up to 6 years full-time.

D) Time Limit:

Varies by specialty; up to 8 years full-time.

II:I FLEXIBLE-TIME OPTION:

The Faculty of Dentistry offers a flexible-time PhD program for selected students whose career goal is a full-time academic position in a clinical discipline. Students concurrently establish their teaching and academic credentials. The major goal upon program completion is to enable students to compete for university tenure-stream professorial positions in their clinical science discipline.

The program is dedicated to research experience and therefore does not involve clinical training other than clinical research methodology. It entails completion of the research and coursework requirements for the PhD degree half time, while teaching in a clinical discipline half time.

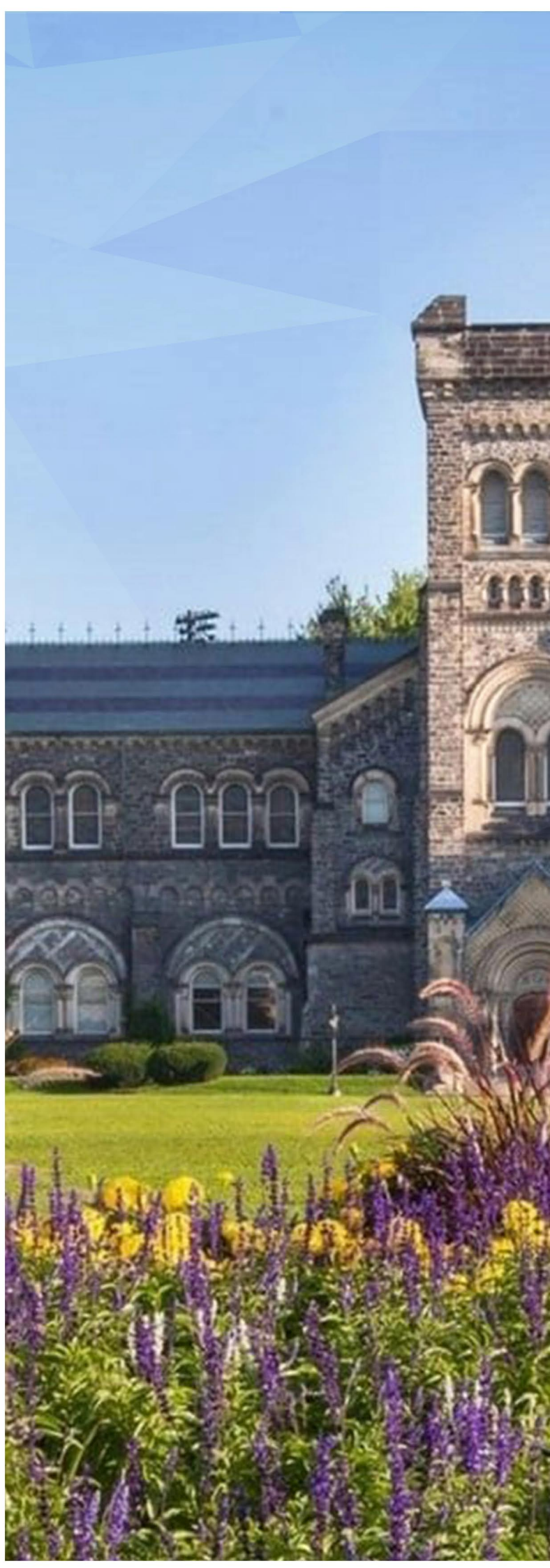
A) Minimum Admission Requirements:

- Applicants are admitted under the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Graduate Department of Dentistry's additional admission requirements stated below.

- A DDS degree or an equivalent degree, and an MSc degree, both from a recognized university. Preference is given to:

- o applicants who have completed specialty education equivalent to the standard required for licensure as a specialist by the Royal College of Dental Surgeons of Ontario; and

- o applicants who hold a university appointment in Canada at an academic standard equivalent to the University of Toronto Lecturer.





B) Program Requirements:

- Appropriate research supervision and advisory committee membership, customized plan of study, and timetable for the completion of the degree requirements, as approved by the Associate Dean, Graduate Education, will be in place at program commencement. The Associate Dean monitors progress by review of completed advisory committee reports based on annual meetings of the student with the supervisory committee.
- Although the minimum residency requirement for the PhD is one year, the anticipated completion date for the flexible-time PhD program will be within five to six years from the registration date.
- Students are required to conduct research leading to completion and defence of a thesis and complete minimum coursework requirements, which include DEN 1100Y0 Seminars in Oral Health Sciences and DEN 1010H Research Ethics, plus an additional 2.5 full-course equivalents (FCEs) that includes the course DEN 1015H Introduction to Biostatistics.
- Students must pass a qualifying oral examination after 12 months and within 24 months after commencement to demonstrate an adequate capacity for oral health sciences research at the doctoral level.
- Participate in all graduate research activities of the advisor's research group.
- Present at meetings and publish original research findings in timely fashion.
- Participate as members of departmental and student committees as applicable.

C) Program Length:

8 years flexible-time depending on specialty.

D) Time Limit:

10 years flexible-time.

UNIVERSITY OF MCGILL

MASTER OF SCIENCE (M. SC) DENTAL SCIENCE

Full Time (45 credit hours)

Start date - 4 January 2021 / 2 September 2021

Fees - For thesis program: CAN \$17,961 per year; for non-thesis program: CAN \$24,500.10 per year; Typical annual fees based on 30 credits taken during Fall and Winter terms.

I: MASTER OF SCIENCE (M.SC) DENTAL SCIENCES (THESIS):

The goal of this program is to train students in research in the dental sciences, which comprise a number of disciplines relating to the functioning of the oro-facial complex.

For the Thesis Master's in Dental Sciences, we aim to train students to:

- *perform a literature review;
- *identify important issues in a specific field and understand the scientific approach to research questions;
- *carry out a scientific study and appropriately manage its data;
- *appreciate the ethics involved in animal and/or human research; and
- *express themselves clearly when speaking and writing about science.

II: MASTER OF SCIENCE (M.SC.) DENTAL SCIENCES (NON-THESIS):

This Non-Thesis M.Sc. program offers students the possibility to supplement their existing education by exploring a variety of research topics. Students are able to "sample" various research areas without committing to a specific research topic or project by entering either the Basic Science stream or the Clinical and Populational Health stream. All non-thesis students are encouraged to seek volunteer and summer research opportunities with researchers in the Faculty to further their research experience.

This program offers students a great opportunity to clarify their interests, connect with faculty members, and engage with their cutting-edge research programs to seek additional career and training options (such as entering a Ph.D. program). This non-thesis option is not a residency program and does not provide clinical qualifications.



A) Requirements for international students:

1.Students who have completed a D.M.D./D.D.S. or a B.Sc. in one of the Health Science disciplines listed with a CGPA of 3.0 on a 4.0 scale are eligible to apply for admission to a graduate program in the Faculty of Dentistry leading to the M.Sc. degree in Dental Sciences.

2.The applicant must be accepted by the office of Graduate and Postdoctoral Studies (GPS) via the standard application procedures.

3.Those applicants whose previous studies were completed in a language other than English must submit proof of English language proficiency through one of those exams :

°**TOEFL** (Test of English as a Foreign Language): minimum acceptable scores are: The CBT is no longer being offered. CBT results will no longer be accepted as ETS no longer reports these results. N.B. an institutional version of the TOEFL is not acceptable.

°**IBT** (Internet-Based Test): 86 overall, no less than 20 in each of the four component scores

°**PBT** (Paper-Based Test): 567

°**IELTS** (International English Language Testing System): a band score of 6.5 or greater (Academic module)

°**University of Cambridge ESOL Certificate in Advanced English (CAE)**: a grade of "B" (Good) or higher

°**University of Cambridge ESOL Certificate of Proficiency in English (CPE)**: a grade of "C" (Pass) or higher

°**Edexcel London Test of English** - Level 4 - with an overall grade of at least "Merit Pass"

°**Edexcel London Test of English** - Level 5 - with an overall grade of at least "Pass"

°**McGill Certificate of Proficiency in English or McGill Certificate of Proficiency** - English for Professional Communication: Certificate of Proficiency awarded.



B) Application Deadlines - for thesis:

- *For Fall Term: May 1;
- *for Winter Term: Sept. 10
- *for Summer Term: Jan. 15.

C) Courses:

1: Required courses:

DENT 505 Epidemiology & Data Analysis in Primary Care 3 Credits Dentistry: An introduction of epidemiological concepts, data analysis, and methods applicable to primary care research. Offered by: Dentistry - Prerequisite: Permission of instructor if graduate student is outside the Faculty. - Restrictions: Not open to students who have taken or are taking EMED 505. - Symbols: Terms: Fall 2021 Instructors: Alexandra De Paolomoni, Belinda Taites Nicolas	DENT 625 Applied Qualitative Health Res 3 Credits Dentistry: Foundations of qualitative health research through consideration of theory, initiation into fieldwork and the combination of pertinent theoretical and practical components. Offered by: Dentistry Symbols: Terms: Fall 2021 Instructors: Alesia Levine, Mary Ellen Macdonald
DENT 663 Principles of Health Research 1 Credit Dentistry: Research topics and methodologies including critical thinking and evaluating evidence, scientific responsibilities, academic integrity, scientific writing, and publishing basics. Offered by: Dentistry - Restriction(s): Not open to students who have taken DENT 563. - Symbols: Terms: Fall 2021 Instructors: Mari Taula Kaartinen, Laura Stone, Martin Moritz	DENT 670 Dentistry Community Health Practice 6 Credits Dentistry: Practical stage. Offered by: Dentistry Restriction: Available only to those students registered in the non-thesis option of the M.Sc. in Dental Sciences. Terms: Winter 2022 Instructors: There are no professors associated with this course for the 2022/2023 academic year
DENT 670 Advanced Research Seminar 1 Credit Dentistry: Topics in current research in Oral Health Sciences. Offered by: Dentistry - Students must register for both DENT 6702 and DENT 6703 - No credit will be given for this course unless both DENT 6702 and DENT 6703 are successfully completed in consecutive terms - DENT 6701 and DENT 6702 together are equivalent to DENT 671 - Symbols: Terms: Fall 2021 Instructors: Elvira Vachon-Presseux	DENT 6702 Advanced Research Seminar 1 Credit Dentistry: See DENT 6701 for course description. Offered by: Dentistry - Prerequisite: DENT 6701 - No credit will be given for this course unless both DENT 6701 and DENT 6702 are successfully completed in consecutive terms - DENT 6701 and DENT 6702 together are equivalent to DENT 671 - Symbols: Terms: Winter 2022 Instructors: Richard Hovey
DENT 685 Theory of Dental Public Health 3 Credits Dentistry: Theory and principles of public health, as applied to the concepts and determinants of oral health and disease, oral disease prevention and health promotion, dental care delivery systems and professional issues related to dental care delivery. Offered by: Dentistry - Restriction(s): Only open to graduate students enrolled in the Faculty of Dentistry - Symbols: Terms: Fall 2021 Instructors: Paul J Milson, Belinda Taites Nicolas, Richard Hovey, Christophe Bedos	DENT 690 Literature Reviews 3 Credits Dentistry: Theoretical foundation and workflow outline for performing a narrative, rapid, scoping, or systematic literature review. Offered by: Dentistry Symbols: Terms: Winter 2022 Instructors: Svetlana Komarova, Mary Ellen Macdonald

2: Complementary courses :

• ANAT 663D1 Histology	3 Credits
• ANAT 663D2 Histology	3 Credits
• ANAT 690D1 Cell and Developmental Biology	3 Credits
• ANAT 690D2 Cell and Developmental Biology	3 Credits
• BMDE 505 Cell and Tissue Engineering	3 Credits
• DENT 504 Biomaterials & Bioperformance	3 Credits
• DENT 509 Epid&Data Analy in Prim Care 2	3 Credits
• DENT 625 Applied Qualitative Health Res	3 Credits
• DENT 654 Mechanisms&Management of Pain	3 Credits
• DENT 664 Health Research Communications	1 Credits
• DENT 665 Leadership & Mgmt Skills in Res	1 Credits
• DENT 669 Extracellular Matrix Biology	3 Credits
• DENT 673 Biotechnology&Entrepreneurship	3 Credits
• DENT 681 Readings in Dent&Health Res 1	1 Credits
• DENT 682 Readings in Dent&Health Res 2	2 Credits
• DENT 683 Readings in Dent&Health Res 3	3 Credits
• DENT 686 Illness Exp&Soc Determ of Hlth	2 Credits
• EDEM 692 Qualitative Research Methods	3 Credits
• EPIB 635 Clinical Trials	3 Credits
• EPIB 641 Substantive Epidemiology 1	1 Credits
• EPIB 660 Practical Aspects:Protocol Dev	3 Credits
• EPIB 669 Special Topics 2	2 Credits
• EPIB 671 Cancer Epidemiology&Prevention	3 Credits
• EPIB 677 Special Topics 8	3 Credits
• EPIB 679 Special Topics 10	3 Credits
• EXMD 609 Cellular Meths in Med Research	3 Credits
• EXMD 610 Molecular Meths in Medical Res	3 Credits
• PHGY 517 Artificial Internal Organs	3 Credits
• PHGY 518 Artificial Cells	3 Credits
• PHGY 550 Molecular Physiology of Bone	3 Credits

D) Fees:

International students must participate in the University's compulsory International Health Insurance Plan. For estimates for room and board with personal miscellaneous expenses, please consult this link : McGill University's Pre-Departure Guide.

NETHER

UNIVERSITY OF AMSTERDAM

1) PHD PROGRAM: APPLICATION AND ADMISSION :

At the VU they have two types of doctoral candidates: internal and external. Internal PhD students are paid employees of the VU University and enter into an employment contract with the VU. External PhD students obtain their PhD at the VU with a foreign funding or scholarship scheme, or are self-funded professionals or students. As foreign dental student we would be considered as external phd student.

So to be part of the adventure you have to find an opportunity in one of those website :

* <https://werkenbij.vu.nl/vacatures>

* https://www.academictransfer.com/en/?vacancy_type=scientific&q=&function_types=1&scientific_fields=2&order=

A) External candidate :

1 . Application:

-**University** : For a PhD trajectory that they fund through external means. This is usually done by contacting a faculty, graduate school or research institute directly. In our case as dental student, we will be referring to ACTA. Indeed that delivers PhD training in both clinical and basic dental research, focussing on the two main research programs 'Oral Infections and Inflammation' and 'Oral Regenerative Medicine'

Find a supervisor : One of the most essential parts of the application process for the PhD trajectory at VU Amsterdam is finding a supervisor. They have a research portal RESEARCH PORTAL which should guide you and help you look for a potential supervisor. You can indicate this person's name during your application via application form, however we cannot guarantee a positive outcome. Supervisors have to consider your research proposal and whether it fits in their research agenda before making a definitive decision to guide you through your PhD process. If the supervisor you have indicated refuses to supervise you we mediate in matching with another relevant and available professor.

Application site : Since we are student with foreign funding or scholarship scheme, even a self funded professional or student you will have to register at this website : https://fd20.formdesk.com/vu-onlinepayment/IO_Application_for_PhDs in order to apply for a PhD at the VU Amsterdam. The following set of questions are necessary information about you and your qualifications, which we will check thoroughly.

After your apply, you will receive an email with information confirming that the application has been received in good order and explicating further steps.

In the case that your application is not successful, they'll inform you in time and remove all the data you have provided from our system.

2 . Documents required :

* Master degree certificate or equivalent qualification
* Curriculum vitae

RLANDS



*Preliminary research proposal (up to 800 words to indicate fields of interest)

*Copy of ID

*Language requirements /Scores from TOEFL and GRE tests (C1 level in english and B2/C1 level in dutch). As international dentists ; we will have to take the dutch exam training for AKV- exam-dentists . It is a virtual exam due to covid or i twill be taken in Rotterdam . Besides during the lockdown (at least until 2 March), all their on-site courses will be taught in the virtual classroom. As soon as it is possible, they will switch back to teaching on location. So, you can enrol without any problems for an on-site language course. They offer you a worry-free start to your course with our flexible booking policy . Find a virtual calssroom here : <https://www.babel.nl/blog/ervaringen-online-taallessen/>

Visa and immigration

As procedures for foreign nationals can be quite lengthy, the International Office would like to receive the application in VUNet at least two months prior to the intended start date.

How can you arrange this?

The first step in the process is to initiate the hospitality agreement or employment contract in VUNet. Your supervisor has to do this for you. Depending on your nationality and period, the International Office will contact you with information regarding the immigration procedure applicable to the situation (in the form of the offer letter). If necessary, the International Office will apply for the required permits. Please note that you can only start your research activities when the respective authorities have issued the permits.

European Union and EEA Citizens:

No permits are required for this group.

Short stay of maximum 90 days:

PhDs who will stay no longer than 90 days in the Netherlands do not require a residence permit. Depending on your nationality, you are either allowed to stay here on your passport or you will need to apply for a short stay visa at the

Long stay of more than 90 days:

Generally PhDs with a Non-EU nationality will require a Dutch residence permit. Depending on the nationality, the person may require an entry visa and residence permit or only a residence permit. Usually, the type of permit we have to apply for includes a work permit exemption. The International Office will apply for the required visa and/or residence permit.

For inquiries please contact (note that you can only arrange your visa after your supervisor has started the admission process): immigration@vu.nl.

Housing accomodation:

VU Amsterdam provides accommodation service for international and visiting PhDs and their families.

Once your supervisor at VU Amsterdam registered you as an international PhD candidate, or if you are a visiting PhD, you will receive an offer letter in the form of an email. It will explain how to apply for accommodation via our International Office. If you do not receive this offer letter via email please contact us at accommodation@vu.nl and ask for the application form.

***If you are looking for alternative accommodation, please be aware of the scams and never make payments before you see the room and checking the key is really opening your apartment's door.

Types on offer:

They have two types of accommodation, short stay (up to one year) and long stay PhD housing for the whole duration of your PhD trajectory (up to 5 years).

Cost of accomodation in Amsterdam	Vu accomodation	Free market
Room in a shared flat	We don't offer shared rooms	€500 - €900
Studio for one person	€550 - €750	€900 - €1500
Studio for a couple	€750 - €790	€900 - €1800
Family flat	€910 - €950 (only short stay)	€1500 - €4000

Long term accommodation:

Limited number of studios and small apartments are available that can be rented for the complete period of the PhD project with a maximum of 5 years. This type of accommodation generally concerns unfurnished studios with private facilities. More information about the different apartments in phd housing.

The current average waiting time for this type of accommodation is 18 months. Therefore, most international PhD candidates first live in our Short Stay housing.

Short term accommodation:

Most international and visiting PhD students live in our Short Stay housing. Depending on the availability, we can offer accommodation in Short Stay housing for a minimum period of one month and a maximum period of one year. This type of accommodation generally concerns complete furnished studios with private facilities. More information about the studios in .

Short term accommodation

Most international and visiting PhD students live in our Short Stay housing. Depending on the availability, we can offer accommodation in Short Stay housing for a minimum period of one month and a maximum period of one year. This type of accommodation generally concerns complete furnished studios with private facilities. More information about the studios in.

Family accommodation

They only provide SHORT TERM ACCOMMODATION for families.

Should you arrive as a family it is recommended to keep your eyes open for alternative accommodation as well. We do not have any PhD housing available for families.

Course	Starting date	Subscription
Statistics and methodology	January 9 th - March 19 th 2020	Closed*
Grant writing : Formulating and drafting their own project proposal (involving funding from government agencies/contract funding)	2019 (to be decided)	To be announced*
Scientific writing and presenting in English	February 22 th - June	Open*
Dentistry for non-dentists	2020 (to be decided)	To be announced*
Oral-Biology	March 21 th - May 23 th	Open*
Scientific Integrity (english)	March 13 th & 27 th , 2020	Closed*

3. Career support for a phd candidate :

CAREER THURSDAYS :

Discover who you are, where you would like to work and stand out from the crowd. Dynamic workshop sessions to strategize your next career move. You can join Career Thursdays!

They are offering Career Thursdays workshops with Rob every other Thursday in the month, starting September 2019, and for the duration of 4 Hours.

Why Career Thursdays?

As more and more PhDs move into industry and/or will eventually work with industry it is critical to discover and develop skills and expertise that is attractive to hiring managers but at the same time consider whether they're driven by the singular pursuit of their own ideas. This is their starting point, creating an individual focus on how to get into the mix, right now.

What Career Thursday workshops focus on ?

What they try to cultivate in each workshop session is an understanding of 'company life' and talk about your personal strengths and talents, and more importantly how these fit into a workplace culture, a company's history moving forward, their mission and vision in relation to business-development plans and how you fit into the market place,. The workshops will foster learning about company cultures, products and competition and how you, as an expert in your fields, will be able to contribute and benefit.

Firms looking to hire PhDs are especially frustrated by the candidates' lack of self-awareness and specific personal ambitions with regards to the company in its scientific and future business context. The most important workshop outcome is understanding how you, as PhD candidates fit into prospective employer's portfolio with their desirable skills without forgetting about any of your own needs.

How does Career Thursdays change the way PhD candidates think about the market?

In the workshop sessions they aim for a 'transition into industry thinking' by converting academic thoughts and ideas into a personal approach that is specifically appropriate for industry.



You will actively prepare for an interview process that might be a bit different than what is expected in academia where everyone will in the end have a clear individualized and personalized strategy to move forward in their career.

Is Career Thursdays a very personal approach?

Yes - they're focusing on how the individual PhDs stand out from the crowd, figuring out who they are, thinking about what they truly want to do and what they're especially good at, even changing their views on their personal skills and talents, backing it up with (whether hard or soft) real-world examples from their life, in subsequently telling the hiring manager why they should hire them, rather than someone else.

Workshops:

The first workshop, "SKILL DEVELOPMENT".

- Drive and Motivation: which roles do you (subconsciously!) allocate yourself to? (practical and immediate confronting exercise) (45 minutes)
- Building blocks of success: which fundamental principles and values will help you become successful in the Dutch labor market? (45 minutes theory)
- Pisa's Tower: a biblical portrait of leadership: focusing on (soft) skills needed to perform (Communication, Planning & Organization, Problem Solving, Teamwork) successfully: both theoretical and practical exercise and interactive evaluation on both team- and individual performances. (lots of fun!)

The second workshop "TALENT MANAGEMENT" uses the 'Business Canvas Model' as a tool to visualize how each individual skill can be used and communicated as a talent and how these talents can be utilized as an added value and benefit to the organization.

- This tool will concentrate on their characteristics, their effectiveness, their personal organization, their added value, their benefits, their life experiences, their ambitions, their corporations, their investment and how all these talents form their contribution and purpose(!)
- This tool is something they will physically fill in during the workshop and take with them: participants can use this as a tool to communicate all their most important "features and benefits" and make themselves understood as an unique, irreplaceable, knowledgeable character.

The third workshop "ADVANCED CAREER WORKSHOP" focuses on teasing out who you are, which skills you have, how to present these to your employer, practicing answering some questions you might expect at an interview and more...

Timetable:

NEW 2020 TIMETABLE (all workshops from 10.00-14.00):

- 13 February 2020: Skill Development - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 20 February 2020: Talent Management - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 27 February 2020: Advanced Career Workshop- Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 5 March 2020: Skill Development - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 19 March 2020: Talent Management - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 26 March 2020: Advanced Career Workshop - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 2 April 2020: Skill Development - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 9 April 2020: Talent Management - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)
- 16 April 2020: Advanced Career Workshop - Global Room, VU Main Building 1A-36 (first floor, wing A, room 36)

Duration:

4h per workshop (with a short break and coffee/tea) 10h - 14h



Recommendation: They recommend taking all three workshops in order to get a full and well-rounded career advice and support.

Place: Global Room, Hoofdgebouw VU-main building, 1A-36 (first floor, wing A, room 36)

Price: FREE. Minimum 10 participants. Maximum 15.

For whom: suitable for PhD candidates at every stage in their PhD trajectory. The sooner you narrow down your qualities, profile your skills and define what type of career you envision the better the chances at finding future career pathways.

Contact: phd@vu.nl

CAREER TUESDAYS AND THURSDAYS 2020

What makes you stand out from the crowd

If you want to know what your biggest asset is for a potential employer ; then you can apply to meet Rob. Due to COVID-19, companies want to do more with less and this influences the jobs they offer. Find out what makes you stand out from the crowd, even before you send out that CV and motivation letter.

After Career Thursdays at campus, he now offers Career Thursdays online... But with a twist. Instead of three hours at once, one session takes place on two separate days (2 x 1,5h): Tuesdays and Thursdays from 10:00-11:30.

Each week, Rob will address a topic to help you improve as an employee. To have maximum results, it is important to follow all sessions.

Below is the schedule :

- Skill Development:

Tuesday 23 and Thursday 25 June (2 x 10:00-11:30)

- Talent Management:

Tuesday 30 June and Thursday 2 July (2 x 10:00-11:30)

- Advanced Career Support:

Tuesday 7 and Thursday 9 July (2 x 10:00-11:30)

All of the sessions are for free, but we have limited spots available!

Since the course is very popular, cancel when you decide not to participate and give others a chance to sign up.

For sign ups and information please contact phd@vu.nl

ONLINE EXECUTIVE CAREER COACHING BY EXPERIMENTAL INSIGHT :

Increasing impact

At VU Amsterdam, they want you to go out into the world and reach new heights, and because of that they are pleased to offer you with a unique development opportunity that will help you accelerate your career and overall success regardless of whether you plan to be a researcher or step into the corporate world.

Their Executive Coaching Tracks are designed to help you push the boundaries on creating impact and influence. They understand that development means staying ahead of the game, being prepared to navigate your career, and tackling difficult decisions and challenges.

With access to top ranked Executive Coaches, who are developing C-Suite executives and CEO's across the world, their mission is to inspire brilliant minds such as yourself to be the world's future leaders of society with the right curated opportunities. Let's get you ready for the Future of Leadership.

Description :

Each Coaching Track is comprised of 6 individuals in an intimate cohort, for 6 sessions (1 hour long), over 6 weeks using Google Hangouts and using video conference set-up. The tools and techniques of executive coaching will play an integral role in heightened development through self, others, and the executive coach. Each individual will converse and add value to the cohort in a safe and trusted digital environment. Your forward progression and development is the main focus. The six sessions will be on different topics that build on each other week over week. They will cover questions you are not even thinking of yet, and the things you don't know you don't even know.

Length of coaching track :

1 hour per week for six weeks

Personalized and ongoing engagement :

Prior to the beginning of the Coaching Track you will need to complete a short Me Myself and I Assessment so your executive coach can get to know you on a personal level. To provide you with a heightened development experience, your coach will continue to engage with you as much or as little as you desire between the weekly Coaching Sessions.

Beginner Track: Driving to Results

Session 1: Time for a selfie

Session 2: What does your personal brand say about you?

Session 3: Your Differences Are Your Strengths

Session 4: Leading with Emotional and Social Intelligence (ESQ)

Session 5: Growth Mindset for a Transition

Session 6: Creating real impact

Advanced Track: Getting Your Dream Job

Session 1: Designing Your Lifestyle Career

Session 2: Tapping into Strength and Certainty

Session 3: The 4 Second Resume / CV Skim

Session 4: Rethinking the Monstrous Job Search

Session 5: The Power of Influence and Networks

Session 6: Want to Achieve More? Negotiation is Key

Timetable:

Coaching Track 1 (Beginner)

Date: 12 February - 18 March

Day of Week: Wednesday

Time: 12:00 PM CEST

Coaching Track 2 (Beginner)

Date: 13 February - 19 March

Day of Week: Thursday

Time: 5:00 PM CEST

Price: FREE

Coaching Track 3 (Advanced)

Date: 12 February - 18 March

Day of Week: Wednesday

Time: 12:00 PM CEST

Coaching Track 4 (Advanced)

Date: 13 February - 19 March

Day of Week: Thursday

Time: 5:00 PM CEST

Price: FREE

MEET YOUR EMPLOYER :

Meet your employer events were created in 2019 in order to stimulate employment of their bachelor, and master students, PhD candidates, and postdocs. Events are also open to partners or spouses of our academics and staff who are



actively searching for an employment in the Netherlands. Every other month, they organize events with a company looking for potential employees in variety of fields and professions. The company presents its portfolio of activities, relevant job profiles and engages into a lively discussion with the audience about working at their company.

The 2 hour events are opportunities for bachelor, and master students, PhD candidates, and postdocs to get informed about opportunities outside academia as well as to speak with company's current employees and share relevant work experiences.

The events are always held in the Global Room located in the main building, first floor, wing A, room 36, and accompanied by food and drinks. For a full timetable and registration please see the table below.

**For additional information regarding Meet Your Employer events feel free to email phd@vu.nl.

Information for companies :

If you would like to participate and co-host our Meet Your Employer event they ask you to fill out the Intake Form. They will then get in touch and schedule a meeting in which you can discuss all the relevant details regarding a possible event at VU.

Company name	Date and time	Location
Picnic Technologies	October 22, 2019, 17h-20h	Global Room, 1A-36
3SC Analytics	February 10, 2020, 16h-18h30	Global Room, 1A-36
Qualogy	April 23, 2020, 16h-18h30	Global Room, 1A-36

B) Loan :

Unfortunately, ACTA does not offer any scholarships or loans to students, only on some circumstances for the ones with a Dutch diploma .

C) Remuneration :

In the table below the categories of PhD students, the items that can be reimbursed and the maximum amount of reimbursement is listed. Also, information is given for each category about the payment of the reimbursement. All PhD students should discuss the possible reimbursements with their supervisors at the start of the PhD trajectory. This can be arranged when the training and supervision plan is made.

	Maximum amount of reimbursement	1 st funding from OZI	1 st funding, priority area	1 st funding, department	2 nd funding, without defray of costs for courses	2 nd and 3 rd funding projects	Guest employees and external PhD students
Compulsory courses, organized by ACTA	Complete reimbursement	OZI	OZI	OZI	OZI	OZI	OZI
Other courses, organized by ACTA	Complete reimbursement	OZI	OZI	OZI	OZI	OZI	OZI
Courses outside ACTA	€ 1000 annual	OZI	Research priority area	department	OZI	project	After consultation between department and PhD student
Congress and Conference visits	€ 4000 During the whole period	OZI	Research priority area	department	OZI	project	After consultation between department and PhD student
Work visits (especially abroad)	€ 3000 once	OZI	Research priority area	department	OZI	project	After consultation between department and PhD student
Contribution to printing of the thesis	€ 1500	OZI	OZI	OZI	OZI	OZI	OZI
Tuition fee	After consultation	Not applicable	Not applicable	Not applicable	Not applicable	Sometimes applicable, depending on the project	After consultation

C) Explanation:

• PhD student: The table shows that different categories of PhD students fall under different arrangements. In this regard, PhD students are those who work on their PhD thesis whereas the PhD defence will take place at ACTA. PhD students can perform their research full-time, part-time, as a guest, or outside ACTA. To be considered as ACTA PhD student one should be registered as a PhD student at the UvA or VU and a training or guidance plan should be approved by the ACTA Research Institute.

• Funding. The source of funding of PhD students can be different:

* 1st : direct funding by ACTA (UvA or VU University)

* 2nd : funding by a project of NWO, KNAW, STW, ZonMw or ERC

* 3rd : other funding, e.g. charity foundations, industry, EU, foreign universities, etc.

• Internal courses. These include courses such as Statistics and Methodology, Dentistry for nondentists, Oral Biology, and Writing and Presenting in English, which are given at ACTA. These courses are compulsory for most students.

• External courses. The reimbursement for participating in courses in the Netherlands or abroad amounts a maximum of € 1000 a year. A possible reimbursement for ACTA QP (which is the post-academic training for dentists at ACTA) is included in the aforementioned sum. Courses by ACTA-QP are given in the Dutch language.

• Congress and Conference visit. The supervisor has to agree in the participation. The reimbursement for a congress or conference visit in the Netherlands or abroad amounts a maximum of € 4000 during the appointment. To stimulate conference visits during the whole period of the PhD programme, the amount is divided into € 2000 in the first, and € 2000 in the second half of the appointment. Sometimes an external grant to visit a conference is possible. If the contribution does not cover the costs you have to consult your department for the possible reimbursement of these costs. During a conference visit abroad you have to give an oral presentation or give a poster presentation. If you do not give such a presentation reimbursement by the research institute can only be given in exceptional cases and after a grounded motivation.

• Work visit. The grant for a working visit abroad amounts a maximum of € 3000 per person during the appointment.

• Printing of the thesis. The contribution for printing of the thesis amounts to a maximum of € 1500, but it will never be more than the actual costs for the thesis. This contribution will be reduced with the amount given by other official authorities, e.g. NWO, STW. Contributions by other sponsors can be used for additional costs related to the PhD defence. The dissertation fee of € 500, which is referred to office of the beadle of the VU, with the condition of issuing a license to the UB of the VU, is included in the contribution of € 1500.

• Tuition fee. Sometimes there is a so-called tuition fee. This means that the PhD student (or the authority that pays for the doctoral program) gives a financial contribution to the department for training and guidance. This is always individually arranged. The tuition fee can be used for paying courses and for visiting conferences.

D) Duration:

At the VU, they provide three- or four-year PhD programs, or part-time PhD programs with a longer duration. These are organized within Graduate Schools which are affiliated with the nine faculties of the VU.

LIFE AS A PHD STUDENT:

A) Introduction:

VU International Office is organizing an intensive two-week online Bridging Programme aimed to better prepare new incoming (international and Dutch) PhD candidates for their PhD trajectories. The programme counts on the participation of professors from the Graduate School of Social Sciences, VU Library as well as CIS-Center for International Cooperation.

It contains 4 modules, each containing training elements and awarding credits. The programme is scheduled for January 2021, lasts for 3 weeks online and PhD candidates can earn maximum 5.5 ECs: see below

When: 11 January-2 February 2021

Where: online AND OFFLINE in small groups (hybrid form)

Who: all new and incoming PhD candidates

Modules:

1. Orientation Session1 (INCLUDES Welcome Programme; Navigating Dutch Academia Workshop; VU Library Research Data Management Training) (0.5 EC) 2.
- Soft Skills Module (1 EC)
3. Developing Academic Competencies (2 EC)
4. Academic English Writing (2 EC) (includes individual online sessions)

Programme fee:

The fee for the bridging program is 150 Euro per credit per candidate for participation; Module 1 is free of charge.

Discounts:

Combination of 2 modules (either Module 2,3,4):70 Euros discount.

Participation in full programme 750 Euros. *Note that discounts are non-cumulative*

Note: Please inquire via your supervisor and the respective graduate school about the possibilities of participation and reimbursement. Upon registration we will need to be able to invoice your participation.

Coordinator: Sandra Hasanefendic, Director International PhD Recruitment and Promotion, VU International Office, s.hasanefendic@vu.nl

B) Courses:

PhD students are expected to follow various courses during their PhD programme. For those with a four-year PhD studentship position, courses are mainly attended during the first three years of their PhD programme. Courses may have different objectives: Required in the context of research/thesis (e.g., statistics, laboratory animal science); General scientific education (e.g. writing in English) or Career-oriented (e.g. grant writing, courses outside their own area of research)

Mandatory courses:

Course	Starting date	Subscription
Statistic and methodology	January 9 th - March 19 th 2020	Closed*
Grant writing	2019 (to be decided)	To be announced*
Scientific writing and presentation in english	February 22 th - June	Open*
Oral biology	March 21 th - May 23 th	Open*
Scientific integrity	March 13 th and march 27 th , 2020	Closed*

1) General Information :

To be able to appraise scientific papers critically and to be able to conduct research, competencies with regard to statistics and research methodology is necessary. The focus in this module is on statistics; methodological issues are limited to reliability of measurement methods. It starts at the basics of statistics (measurement level, frequency distributions) and continues from that to statistical null hypothesis testing, correlation and regression to t-tests, ANOVA's and concepts such as power. Participants practice with SPSS assignments in which they apply what they just learned. Homework assignments are given to practice as well. At the end of the module the participants take a test, based on one or two scientific papers. The course ends with a feedback on the test session. Examples and assignments are as much as possible about dentistry-related subjects.

Teaching methode:

Before the first lecture a homework assignment needs to be done to give the teacher a basic idea of the level of the participants. The first lecture will be adjusted to that entrance level. Interactive lectures are combined with some assignments to be completed during the lessons and homework assignments following each course day. Participants will practice with SPSS to conduct some basic statistical analyses. For the last session before the exam two research papers have to be prepared and these will be discussed with regard to statistics and methodology in the session. The answers of the exam will be discussed in a feedback session.

Learning assessment:

The final grade is the grade of a written exam, partly based on one or two research papers, composed of closed and open end answers. The grade of the closed end questions forms 50% of the final grade, so does the grade of the open end questions. More weight is given to the questions about statistics, compared to the questions pertaining to methodological issues. The exam is rated using an answer scheme by one or both teachers. In case of doubt the teachers discuss the result. Grading from 1 to 10. Pass above 5,5. The final grade of this course will be 'pass' or 'fail'.

Duration:

The course will be held once a year for five days(one day per week) and two mornings in January and February. On the last morning the exam will be evaluated.

Language of Instruction:

The course will be held in English, however, if there are enough participants who prefer the course to be held in Dutch, a separate Dutch speaking group can be formed.

Participants:

The course is compulsory for all PhD students in ACTA. Exemption can only be granted to students after they have contacted the research coordinator, Martijn van Steenberg.

Credits

3 ECTS

Contact hours per week: 4*8 hours + 1*4 hours + 1*2,5
Self-study per week: hours exam + 2 hours feedback 2.5

Coordinator: Dr. I.H.A. Aartman
Teacher(s): Dr. I.H.A. Aartman, Dr. A.J. van Wijk

Admission prerequisites:
No special requirements

Application deadline and subscription:
To be announced

Contact
onderzoekinstituut@acta.nl

2) Grant writing :

Grant proposals can be seen as a quotation. It has to give a solution to an existing problem in society/science. It is therefore necessary to focus on the essence and on the quality of the deliverables at the end of the project. Saying more while saying (writing) less is crucial for successful grant applications. You will learn to write a structured, concise and clear text conveying your enthusiasm and scientific quality. You will do this through several writing exercises which you complete individually or in small groups. Sometimes you will be put at the receiver's end in order to show you how the evaluation of grants works. The following topics will be handled during the workshop: *how to describe the essence in a few phrases , *"selling" a grant proposal, *how to structure a text for a grant proposal, *how to shorten a text, *which criteria do referees use, *important aspects of a CV for a proposal . Many practical tips will be provided during the workshop.

At the end of the workshop you will:

- know how to write a structured text;
- know how to put your scientific proposal in an improved "sales" perspective;
- know how to reduce complex issues into brief text;
- know how to describe the essence of your proposal in a clear and concise way;
- know which criteria are important for a proposal.

You will receive an extensive reader to take with you, filled with useful background information. To get most out of the workshop it is best to have a proposal in mind as we will work on this during the workshop.

For more information:
Secretary of the research institute
tel. + 31 (020) 59 80504
e-mail: onderzoekinstituut@acta.nl

3) Scientific writing and presenting in english:
General Information

Scientific audiences seek clarity, accuracy and credibility. This very practical course shows writers and presenters how to achieve them, giving guidelines that we test in practice, first in your writing, and later in your presentations.

Writing:
Using peer and training feedback, we first work on participants' Abstracts and Introductions. They then move to other parts of the article (including the title) and also to scientific posters. Writing feedback continues after the course in one-to-one sessions with the trainer.





Language and grammar:

To write a good scientific article, you don't need a comprehensive knowledge of English grammar. But you do need to know the essentials and how to apply them consistently. By focusing consistently on these essentials, we also provide the principles for unlearning some of the bad writing habits you may have acquired over the years.

Presentation:

The principles of the writing course are extended in your presentations. Each participant presents twice, ensuring that they:

- understand and meet their audiences' needs
- structure and link their information logically
- properly match spoken and visual inputs
- deal effectively with questions and other audience inputs.

Feedback is provided by participants and trainer and alike. By providing an environment in which it is safe to make mistakes, the course helps nervous presenters to find the confidence they need, and allows all presenters to experiment with new presentational formats.

Duration:

The writing part of the course is held once a year, on five days from March to May. Three days on presentation follow in May and June.

Language of instruction and data:

English. The course will be held online on Mondays starting at 22nd of February.

Participants:

The course is open only to PhD students at ACTA. Because they will be working on their own writing, it is essential that they are already writing papers for their thesis. The course can accommodate a maximum of 14 students.

Credits: 4 ECTS

4) Oral biology :

General Information:

The purpose of the Oral Biology course is to provide the participants a general overview of scientific research related to dentistry, with emphasis on oral biological aspects. After the course the participants understand where and when relevant biological techniques can be used in order to answer a research question, and know the limitations of the various biological techniques. At the end of the course the participants will have a good overview of oral biology in general and the research in ACTA related to this area so that they are able to connect the clinical problems studied in the departments of ACTA with relevant biological principles.

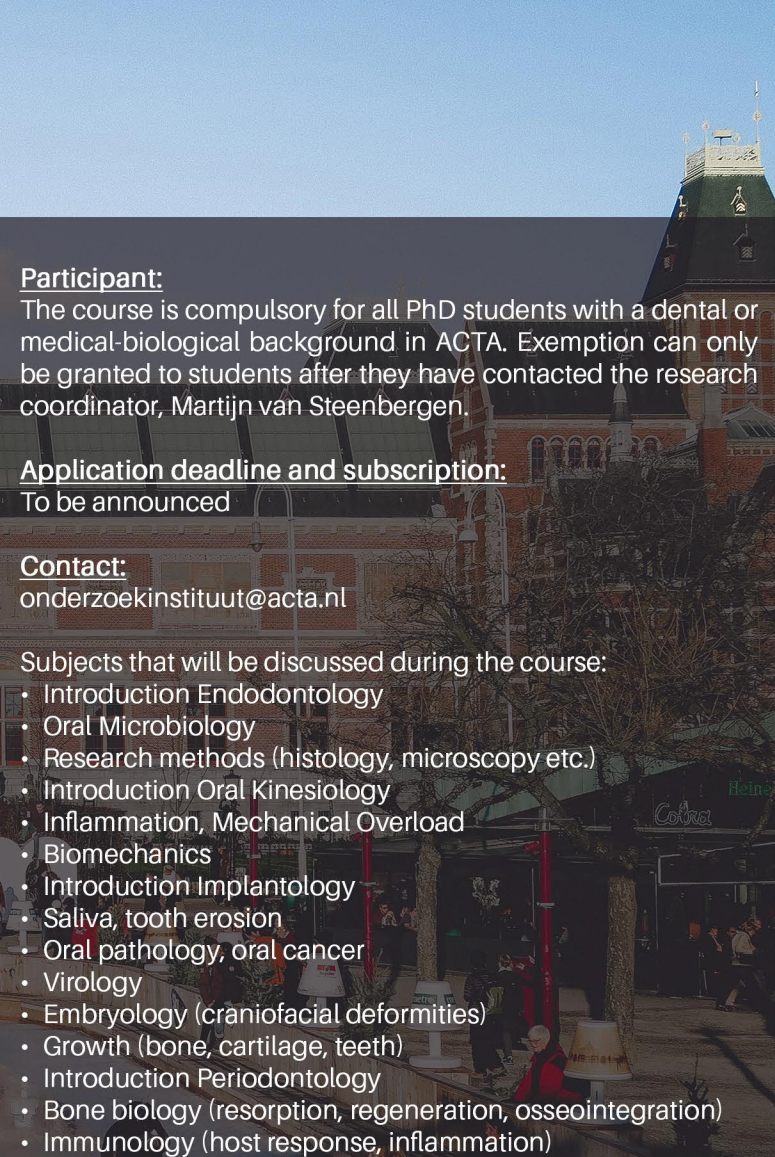
During the first four days several departments of ACTA will give a presentation on how they solve their clinical or research problems. Then, the participants are split up in groups and each group will receive an assignment on a relevant clinical problem. The groups have to solve these problems and give a presentation on their findings on the last day of the course.

Duration:

The course will be held once a year for eight days in March to May. The last day of the course will be used for the presentations of the participants.

Language of Instruction:

English



Participant:

The course is compulsory for all PhD students with a dental or medical-biological background in ACTA. Exemption can only be granted to students after they have contacted the research coordinator, Martijn van Steenberghe.

Application deadline and subscription:

To be announced

Contact:

onderzoekinstituut@acta.nl

Subjects that will be discussed during the course:

- Introduction Endodontology
- Oral Microbiology
- Research methods (histology, microscopy etc.)
- Introduction Oral Kinesiology
- Inflammation, Mechanical Overload
- Biomechanics
- Introduction Implantology
- Saliva, tooth erosion
- Oral pathology, oral cancer
- Virology
- Embryology (craniofacial deformities)
- Growth (bone, cartilage, teeth)
- Introduction Periodontology
- Bone biology (resorption, regeneration, osseointegration)
- Immunology (host response, inflammation)

Credits: 4

Duration: 8 weeks on Thursdays

Contact hours per week: 4*8 hours + 1*4 hours + 1*2,5 hours exam + 2 hours feedback

Self-study per week: 2.5 hours

Coordinator: Dr. J.H. Koolstra

Scientific integrity:

The course Scientific Integrity is divided into two parts: an e-learning part and contact classes part.

E-learning:

The e-learning part can be performed at any computer with internet access. It will take about 16-20 hours to complete this part.

Contact class:

The contact teaching part will be planned in a class of ACTA PhD students, with a maximum of 20 participants. For each class, there will be two sessions of about 4 hours, with an interval of two weeks. The e-learning part is in English; the contact classes will be given also in English.

Programme:

We plan to organize the contact classes in 2020 at least twice. The course is not intended for first year PhD students. It is preferably followed in the end of the second year or in the third year. As this course is given for the second time now, there will be participants in their final year of course. If you want to participate in the course you will have to complete the e-learning part before starting the contact classes.

Application deadline and subscription:

Let the organization know before December 22th if you want to participate in the English course or in the Dutch course, or if you prefer to follow this this course later, i.e. autumn 2019. Early January the participants will receive more information about the course, including the internet access code for the e-learning part.

N.B. There is a maximum of 20 participants in each course. If there are more PhD students willing to participate, preference will be given to those finishing their thesis in 2019.

Credits: 2 ECTS

Duration: See information above

Coordinator: Dr. Henk Brand

Teacher(s): Dr. Henk Brand

Non mandatory courses :

1) **Epidemiology and evidence based practices in dentistry and oral health care :**

Learning aims:

Competences according to the General Educational framework Dentistry 2008 covered: II c-I (4) The student has:

- thorough understanding on the concepts, principles and methods of Evidence Based Health Care Practice. Thereby the student has advanced comprehension on the place and value (possibilities and constraints) of Evidence Based Practice on dentistry and oral health care.
- deep insights about the different study designs, methods and analytic techniques of advanced etiologic, diagnostic, prognostic and therapeutic scientific research. Thereby he will be able to independently define proper questions for advanced scientific research on diagnostic accuracy, prognostic accuracy and therapeutic effectiveness, and make motivated choices for the design of such research projects.
- expertise in deriving 'best-available evidence' from published original scientific research through interpreting and appreciating the relevance and validity of findings and the health outcomes from these. Thereby the student is able to independently make a brief rapid summary of the evidence from scientific research in a comprehensive and transparent manner, answer the initial diagnostic, prognostic or treatment question from patient care based on a translation of this summary, and thereupon provide aligned policy guidance and sound recommendations for decision making on the care for individual patients).
- advanced competencies in identifying uncertainty in his decision making and translate these into proper questions for research. Thereby the student will be able to independently rephrasing and translating his knowledge gaps and information needs.
- comprehensive proficiency in the approach to the complex concepts of measures of disease frequency (risks and rates of disease) along with association measures for these. Thereby the student will be able to simplify such concepts and measures in the translation for transparent and explicit explanation in patient care.

Contents:

Health care workers continuously work on the proper delivery of good health care outcomes. In this they question themselves whether and to which extent their decisions in patient management (notably on choices about diagnosis, therapy, and prediction of prognosis and outcome) are based on solid scientific evidence. Evidence-based medicine (EBM) principles

have been widely accepted as efficient strategies to meet these needs. This course aims to equip the students with the advanced competencies on the concepts, principles and methods of Evidence Based Health Care through cutting-edge information mastery and decision making. Competencies obtained during this course will provide students with advanced understanding and deep insights that will help them to meet the challenges of the 21st century health care and apply these properly in delivering Evidence Based best practice in dentistry and oral health care. With this course the students should be able to disentangle complexities and unravel problems in patient management and care.

Literature:

- Methodological reader A: selected methodological and background fundamental papers (compulsory)
- Applied scientific reader B: selected applied scientific research papers for working groups (compulsory)

Learning assessment

The student needs to pass all components undermentioned

- Overall assessment of assignments and participation during the seminars
- Written exam, with open exam questions

Credits: 3 ECTS

Language: English

Duration: Semester 1, Thursdays October 18th – December 6th 2018

Teaching methods: Self-study; Lectures; Working groups, Assignments

Coordinator: Prof. Dr. G.J.M.G. van der Heijden

Teacher(s): Prof. Dr. G.J.M.G. van der Heijden

2) External courses :

PhD students are also encouraged to take external courses, e.g. at graduate schools in the area of Health and Life Sciences within VU University Amsterdam, the AMC Graduate School, MOVE, and graduate schools within the Faculty of Science at the University of Amsterdam: extra courses :

As in AMC : here is the link the courses program 2020/2021 : <file:///C:/Users/ASUS/Downloads/Courses%202020-2021.pdf>
And here is the one for the application form : <https://www.amc.nl/web/leren/graduate-school/phd-1/phd-course-application-form.htm>

Language courses:

Although Dutch for foreigners is not part of the training plan for PhD students, it might be a good idea to follow a course. Courses at different levels are offered by

- University of Amsterdam :The University of Amsterdam
- Languages courses : Languages courses
- VU University amsterdam : VU University Amsterdam

3) Education and coaching :

If interested, this file must come with Form I: Application for admission to the Doctoral Programme :

Fill out the form in dutch or in English and submit it to this contact :

ACTA Research Institute

dr. T.J.M. van Steenberghe

Gustav Mahlerlaan 3004, 1081 LA Amsterdam, the Netherlands

e-mail: onderzoekinstituut@acta.nl



2) M.SC. POSTGRADUATE PROGRAM IN PERIODONTOLOGY:

Graduation Profile in Periodontology:

The aim of this profile is to train postgraduate students in periodontology at a specialist level in periodontology. This is done through a program of seminars and tutorials, which include an extensive review of the literature. Furthermore, considerable time is allocated to the treatment of patients suffering from specific periodontal diseases who are referred by general practitioners. Also, education and clinics in implant dentistry specifically for periodontitis patients will be provided.

Extensive training in research within the broad field of periodontology or implant dentistry is also part of the program. The results of the research project conducted must be presented in the form of a manuscript (thesis) suitable for publication. The program includes a residency in an accredited private periodontal practice, enabling the students to put theory into practice.

Organizing department and faculty:

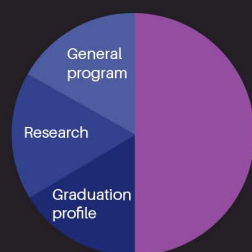
The program is organized by the Department of Periodontology. Prof. Bruno Loos is profile director and Dr Monique Danser course director. Professor Loos obtained a MSc in Periodontology from the Loma Linda University, USA in 1985. In 1992, he received a PhD in Oral Biology from the State University of New York at Buffalo, USA. Dr. Danser obtained her PhD in Periodontology from ACTA in 1996 and her MSc in Periodontology in 2005, also at ACTA.

The Department of Periodontology participates in undergraduate teaching, performs patient treatment in its own departmental clinic, frequently provides short postgraduate courses and enjoys a strong reputation in basic and clinical research.

On campus:

Duration: 3 years

This is a full-time, three-year program (180 ECTS in total, 60 ECTS per year) with an average minimum time commitment of 40 hours per week. Depending on the chosen graduation profile, students will be at ACTA 35- days per week.



EDUCATION CLINICAL

Tuition fee: 22,500 EUR/year

Apply date: Dec 2021

Start date: Sep 2022

Language: English

Credits: 180 ECTS

Overview:

This is done through a program of seminars and tutorials, which include an extensive review of the literature. Furthermore, considerable time is allocated to the treatment of patients suffering from specific periodontal diseases who are referred by general practitioners. Also, education and clinics in implant dentistry specifically for periodontitis patients will be provided. Extensive training in research within the broad field of periodontology or implant dentistry is also part of the Periodontology from University of Amsterdam. The results of the research project conducted must be presented in the form of a manuscript (thesis) suitable for publication. The program includes a residency in an accredited private periodontal practice, enabling the students to put theory into practice.

Diploma:

After passing the final exams and successfully defending the thesis, the candidate will be awarded a 'Diploma in Clinical Periodontology and Implant Dentistry' by the Department of Periodontology at ACTA, and an 'EFP Certificate of Completion of Specialized Training (CCST) in Periodontology, Periodontics and Implant Dentistry'.

A joint Master's degree in Oral Health Sciences will be awarded by both the University of Amsterdam and the VU University Amsterdam.

General requirements:

(International) Master's degree in dentistry (recognized under Dutch law)

Dutch BIG registration

Work experience in a general dental practice at least for 1 year

Proficiency in both English (level C1) and Dutch (levels B2/C1)

Application documents:

- Application form
- Proof of experience in general dentistry after graduation (minimum of 1 year)
- Letter of motivation
- Curriculum Vitae
- A minimum of two letters of recommendation
- (International) Master's degree in dentistry (recognized under Dutch law)
- BIG registration number
- Copy of Hepatitis B vaccination and titer determination, officially translated into English or Dutch
- Reanimation & AED certificate (not older than 2 years)
- Radiology certificate

Contacts and link:

<https://www.acta.nl/en/studying-at-acta/postgraduate-programmes/oral-health-sciences/periodontology/index.aspx>



RADBOUD UNIVERSITY

1) PHD. POSTGRADUATE PROGRAM PROCEDURES:

For now, there are no dental PhD opportunities available in Radboud, but here is the procedure to subscribe for a PhD if you already have a project in mind.

INTRODUCITON:

As a part of the general introduction day for the new research employees of the Radboud university medical center, Radboud organizes three times a year.

*11 February 2021

*17 June 2021

*21 October 2021

If you have questions you may contact **Dagmar Eleveld-Trancikova**.

The introduction day will give you an idea of what Radboud university medical center stands for, and how you can contribute. The Dutch culture and work environment will be also discussed. You will learn your way around of their organisation in a personal and interactive manner. Specifically for PhD candidates, a former PhD candidate will present his/her story and the PhD Organisation Nijmegen (PON) will introduce themselves. Furthermore, there will be opportunity to ask general questions relating to PhD registration.

Due to COVID-19 it is not clear yet if this introduction day can take place as planned. Because they find introduction for new employees very important and it is mandatory for your personal quality passport, they are currently working hard on alternatives; some of them can be offered online. As soon as this is ready they will inform us.

Furthermore, based on a Graduate school you follow, you will receive the detailed information on the graduate school introduction connected to this general Introduction day (RIHS, RIMLS): course possibilities, retreats and other activities, as well as the proper feedback on your Training and Supervision Plan and conditions of your PhD track.

EVALUATION OF YOUR DIPLOMA:

To be able to obtain a PhD, you must at least have a Masters degree or equivalent. The requirements for obtaining a PhD are set forth in article, 7.18 of the Higher Education and Research Act (WHW). The registration process involves an evaluation of the diplomas from your prior degree programmes which have given you access to the PhD programme.

You will have to include a copy of these diplomas with your registration. If these diplomas were obtained abroad, they will be evaluated during the registration process to determine whether they meet the admission requirements.



A) Admission requirements for Non-Dutch previous education owners:

Your foreign diploma must be equivalent to a Dutch VWO diploma or a higher-level diploma. Additional requirements may apply, for example, a diploma from an academic stream, a specific level/course. This also applies to diplomas that are considered to be equivalent, such as, but not limited to the International Baccalaureate, European Baccalaureate, German Zeugnis der allgemeinen Hochschulreife and British GCE-A Levels. Your diploma will be assessed on an individual basis in order to determine whether you can be admitted.

Whether you are applying for an English-taught or Dutch-taught programme, they require proficiency in the language of instruction. To meet the admission requirements for English-taught Bachelor's programmes, a sufficient level of English proficiency is required. Similarly, our Dutch-taught programmes require a sufficient level of Dutch proficiency, see below. Language proficiency can be proven via certain diplomas, or by successfully completing an accepted language test.

A.1) For the specific English language requirements per programme:

• To meet the admission requirements for English-taught Bachelor's programmes, a sufficient level of English proficiency is required. English language proficiency can be



proven via certain diplomas, or by successfully completing an English language test. Based on your previous education, the board of examiners for your programme decides whether or not you are required to take an English language test.

The accepted English language test results per programme can be found on this page. Please note that IELTS and TOEFL results are valid for 2 years after the test date, and need to be valid on the date of enrolment. C1 Advanced and C2 Proficiency results are valid for 5 years, except for study programmes at Nijmegen School of Management. For Nijmegen School of Management programmes, all test results are valid for 2 years.

• **Diplomas that meet the English language requirement :**
For all English-taught Bachelor's programmes, you can prove your English language proficiency by obtaining one of the following diplomas:

- A Dutch VWO diploma;
- An International Baccalaureate Diploma (diploma programme)
- A European Baccalaureate Diploma, with English Language 2 or English Language 1
- GCE A-Levels
- A diploma equivalent to, or higher than the Dutch VWO diploma, with English as the only language of instruction, obtained at an institution in an EU/EEA member state, Australia, Canada (excluding Quebec), Ireland, New Zealand, the United Kingdom or the United States of America.

• **One of the following diplomas, having passed English in the final examinations:**

- Austrian Reifezeugnis/Reifeprüfungszeugnis
- Belgian Diploma van Secundair Onderwijs
- Danish Studentereksamenbevis,
- Finnish Ylioppilastutkintotodistus/Studenterexamenbevis
- German Zeugnis der Allgemeinen Hochschulreife
- Luxembourgish Diplôme de Fin d'Études Secondaires
- Norwegian Vitnemål for Videregående Skole
- Swedish Slutbetyg från Gymnasieskolan

• **If you do not have one of the above-mentioned diplomas :**
You are allowed to apply without an accepted English language certificate. However, if admitted and English is listed as a requirement in the admission email, they will require a certificate from one of the accepted English language exams below before the enrolment deadline :

- *IELTS Academic (International English Language Testing System) : IELTS Academic
- *TOEFL Ibt : (Test of English as a Foreign Language) TOEFL iBT
- *Cambridge english qualifications : C1 Advanced (CAE) or C2 Proficiency (CPE) Cambridge English Qualifications

• **Online verification for English language tests :**

They are able to verify English language test results online, depending on the language test that you completed:

- IELTS: Send a scan of your certificate (with the 'TRF number' clearly legible) to us by email: admissions@ru.nl.
- TOEFL: Request TOEFL to send your test results to us using the Designated Institution code 3387.
- C1/C2 Cambridge exams: Share your results with us via the candidate results website.

Deadlines for online verification can be found below. Note that if they are able to verify your scores online, you do not need to send them a certified copy of your English language certificate by post.

A.2) Language requirement for Dutch-taught programmes:

The University accepts the following certificates as proof of Dutch proficiency, for study programmes taught in Dutch:

- *Dutch VWO diploma
- *Staatsexamen NT2 Programma II
- *Het Certificaat Nederlands als Vreemde Taal (CNaVT), profiel Educatief Startbekwaam (STRT) of profiel Educatief Professioneel (EDUP)

For students who do not speak a western European language, it usually takes one preparatory year to learn Dutch and pass the Dutch language state exam (Staatsexamen NT2 Programma II).

Make sure that you allow enough time for your Dutch language course and the visa application process. If you need a visa to study in the Netherlands, you can obtain a visa which grants you permission to prepare for a university programme. This is usually valid for a 12-month period only. The best month to start a Dutch language course is in September. *You can email visa@io.ru.nl if you have any questions about this visa process.*

A.3) Deadlines for all students with a language requirement:

The below deadlines are for both Dutch and English language certificates and apply to the verification of your results either done online or by processing your certified copy sent by post.

- **Non-EU/EEA students:**

1 June, in order to start the visa procedure.

- **EU/EEA students:**

15 August for all other programmes: in order to activate and use your student account before the start of classes.

If you are not able to meet these deadlines, please contact the Admissions Office via admissions@ru.nl.

Before sending us any documents, please read the explanation of what we mean by "certified copy" on www.ru.nl/enrolment, to ensure that you send the correct documents for enrolment.

HOW/WHERE TO BEGIN ?

A) Dental phd opportunity available:

For now there are no dental phd opportunity available, though to obtain a position as a PhD candidate you can apply for an official vacancy. Most vacancies can be found on Radboud university's website and the website of the Radboudumc, on the website of its faculties and research institutes, or on Academic Transfer.

Despite those proposition, you might not find an opportunity for what you're looking for, so you can create a job alert on this website: create a job alert. They keep you informed of new vacancies at Radboud University twice a week. You can also check their vacancies at Radboud University's affiliated partners.

B) Training and supervision plan (TSP):

At the start of the PhD project, a Training and Supervision Plan (TSP) is drawn up for each candidate. Indeed Graduating within the agreed time-frame is not always as easy as it may sound. A clear training and supervision plan (TSP) is an essential tool for achieving this objective. Moreover, it forms a useful part of your annual appraisal meeting. Every PhD candidate should complete a TSP with his or her supervisor(s) and submit this to the relevant graduate school within three months of his/her research start date. This plan is regarded as a formal agreement between PhD candidate and supervisor. The plan is dynamic, being evaluated and updated at least annually either during the appraisal meeting with your supervisor(s) or via a checkpoint form.

The plan includes agreements made concerning your

- research project goals, preferably formulated as SMART
- competences and transferable skills to be improved
- any possible teaching agreements made for a Bachelor's or Master's programs.

Every faculty upholds specific guidelines for the Training and Supervision Plan. For instance, a faculty may impose criteria relating to structure, timeframe and mandatory training components. Further information can be found on the faculty websites.

C) Registration in Hora Est:

It is mandatory for Radboudumc PhD candidates to register in Hora Est. Hora is a software system used by the Radboud University and the Radboudumc to register all PhD candidates and generate the necessary digital correspondence for thesis submission and graduation.

Registration is of the utmost importance for you as a PhD candidate:

1. To successfully complete your studies and obtain the degree of doctor.
2. To be admitted to courses offered by the Radboud university medical center.
3. To keep you posted on issues of importance to PhD candidates.

C.1) How to register in Hora :

- Go to <https://horaest.ru.nl>
- Choose Radboudumc
- Log in with your Z number (for External users with library card):

Choose Log in with your personal email address (external users) (log in with your email address and password, as it is your first time, click on reset password and follow the steps) and corresponding password.

- Go to Form 1:

1. Complete Form 1 under all tabs:

a. Personal information – please make sure the correct faculty and research institute is chosen. Under work address – name of institute, please fill in the name of the department.

b. Education program(s)

c. Supervisor(s)

d. Co-supervisor(s)

e. Dean

2. Go to Form 1, at the bottom of tab "Dean" and print Form 1

a. Click on "Print and Finish" (if you have problems printing, press the ctrl-key until the PDF opens)

b. On the next screen, click "Openen", to open the PDF document.

c. Print the form as a PDF.

3. Sign the form yourself.

4. Ask your (first) supervisor to sign the form.

5. Send by regular mail (not email):

a. Form 1 with the signatures

b. A copy of the diploma(s) mentioned in Form 1

Then send To:

Postbus Hora Est

347 Concernstaf Strategieontwikkeling

Or:

Radboudumc / Postbus Hora Est

347 Concernstaf Strategie

P.O. Box 9101

6500 HB Nijmegen

The Netherlands

C.2) Choose a graduate school :

During registration in Hora est you have to choose a graduate school. This graduate school is usually the same as the institute of your daily supervisor. If you are unsure, contact your daily supervisor or (co)promotor. If your query remains unsolved you may contact the following people:

RIMLS graduate school : Judith Ariens and Janneke Hermens. When registering at Hora Est you will automatically be registered at the RIMLS graduate school.

RIHS : Karin Berens and Tamara Gerrissen. When registering at Hora Est you will automatically be registered at the RIHS graduate school.

Donders graduate school : To register at this school you will have to fill out the form on the DGCN intranet (log in with your z number or your mail if you are external to Radboud). Within a few days you will receive a welcome mail with instructions for PhD track registration and you will be invited by Ellen Lommerse for a short and informative welcome meeting.

The Radboudumc expects you to register as a researcher using unique researcher ID number. You can create a profile and post a list of publications online using the Web of science services: read detailed instructions (login with z-number)

<https://www.radboudumc.nl/my.policy>



C.) Once you re registered in Hora :

1. Form 1 will be checked on behalf of the Dean. If not completed properly, you will be contacted with the request to complete the items indicated.

If completed correctly and when your TSP (training and supervision plan) has been approved by the Graduate School, the Dean will sign the form and present it to the Registrar of the University.

2. The Registrar will make a formal decision regarding the request for acceptance as a PhD candidate and will file the form for future reference.

3. After completing the compulsory name, email and research institute fields, you will receive an email requesting that you initiate your Training and Supervision Plan. This email contains further instructions.

Contact horaest@radboudumc.nl or phone +31 (0)24 309 24 99 if you need help

C4.) How to know if yo successfully completed your registration and you formally have been accepted as a PhD student in Hora Est?

Go to <https://horaest.ru.nl> and check your status. Commencement of Doctoral Studies Procedure with the Date of Admittance in the next column, means you successfully completed your registration and you formally have been accepted as a PhD candidate in Hora Est.

LIFE AS A PHD STUDENT:

*AS a pdh student in rabdoug, you are considered as a member of the staff, you will be paid from 3000 to 5000 euro/month.

*The duration of the phd can go from 3 to 4 years. In case you need an extra year to conclude your work, you can submit a request supported by your head professor, so they can expand the duration of your research experience.

*In case of pregnancy or health emergency the duration of invalidity will be added to the duration of your settlement once you re back.





2) POSTGRADUATE PROGRAM IN ORTHODONTICS:

Department of orthodontics and craniofacial biology.

INTRODUCTION:

The department of orthodontics and craniofacial biology at the Radboud university medical centre offers a four-year fulltime international postgraduate program in orthodontics to become a specialist in orthodontics. The program leads to a certificate of completion of specialist training in orthodontics according to EU-directive 78/686/EEG. The program is approved and accredited by the Specialist Registration Committee of the Dutch Dental Association (RTS). The program is also approved by the Network of Erasmus based European Orthodontic Programs (NEBEOP). Upon completion of all requirements of the program the postgraduate student has to pass an external examination to acquire the certificate.

Education starts once every two years, in April of the uneven years. Candidates are selected during the preceding period.

The program can be combined with a PhD program. The combined postgraduate - PhD program takes six years. Upon fulfillment of the necessary requirements (mainly a doctoral thesis based on five publications in ISI-listed journals), a PhD degree can be awarded.

OBJECTIVE:

The objective of the four-year orthodontic program is to educate dentists to become specialists in orthodontics with a solid theoretical and scientific background and adequate clinical experience in different treatment methods. Emphasis is placed on developing scientific thinking and problem solving through a variety of clinical and research activities. Resident interaction and active participation are emphasized.

Duration: 4 years, full-time

Tuition fee: 22,500 EUR/year

Apply date: July 2022

Start date: 2023



CLINICAL TRAINING:

The department has its own postgraduate clinic and has 3D-facilities for patient treatment and research consisting of a 3D-system for facial stereophotogrammetry, a cone beam CT scanning device, and digital dental casts.

Each resident starts treatment of about 80 new cases. Besides that, the resident has about 30 transfer cases and 30 patients in retention. Patients are assigned to a specific faculty member, who is responsible for the patient. The clinical treatment is performed by the resident, always under supervision of that faculty member. In treatment planning sessions all cases are discussed thoroughly with the responsible faculty member and all residents of the same class. The program's length benefits the residents by treating a wide variety of patients over a longer time span.

The cleft palate craniofacial unit, which is the largest in the Netherlands, functions in close collaboration with the department of Orthodontics. Through the center the residents gain clinical experience in the interdisciplinary treatment of patients with cleft lip and palate and related problems.

The interdisciplinary care for patients who require combined orthodontic-surgical treatment and/or combined orthodontic-prosthetic treatment and/or combined orthodontic-periodontal treatment is encouraged by close co-operation with residents in these specialties.

Structure and contents of the program:

The four-year fulltime program contains lectures, seminars, preclinical and clinical courses, research activities and occasionally teaching to undergraduate students. The main part of the theoretical training is concentrated in the first

three years, including biological, medical and dental subjects related to the science of orthodontics. Furthermore, scientific methodology and introduction to research are taught. Active participation in research projects related to growth and development of orofacial structures is required for all residents and this starts in the first year.

The treatment of patients is preceded by a variety of theoretical courses and an extensive preclinical course, mainly in fixed appliance techniques. Knowledge and insight in treatment strategies and procedures is gained chiefly by seminars. Clinical experience is obtained in the fixed appliance techniques, removable appliances, functional appliance therapy, and extra-oral treatment procedures. Students participate in the cleft palate craniofacial unit on a rotational basis.

Research:

Research is part of the program for every resident. Each resident conducts a research project in close collaboration with an advisor. The research of the department is embedded in two research institutes of the Radboudumc: the Radboud Institute of Health Sciences (RIHS) and the Radboud Institute for Molecular Life Sciences (RIMLS). During the years many publications of faculty and residents have been published in international ISI-listed journals. Each resident is required to have two manuscripts accepted in or submitted to international ISI-listed journals by the end of the postgraduate program. It is a requirement to complete the research prior to the external examination as the publications are an integral part of the examination.

Certificate:

All theoretical courses are concluded with an examination. At the end of all of the first three years, a field examination has to be passed. After four years and upon completion of all requirements, the program is concluded with an external examination by the Specialist Registration Committee of the Dutch Dental Association. This examination consists of an oral examination, the presentation of 12 cases treated by the resident, a discussion about 2 new cases presented by the examination committee, and the defense of the research output. Upon successful completion of the examination, a certificate is granted. If the candidate meets the criteria for recognition of his/her dental degree in the Netherlands (registration in the so-called BIG-registry) then registration in the Dutch registry of orthodontic specialists can be obtained.

Language and entry requirements:

Language is English. Upon completion of all requirements of the program the postgraduate student has to pass an external examination to acquire the certificate.

Applicants should have graduated as a dentist (DDS or DMD) from a recognized institution.

Before you can start one of the postgraduate programs in Orthodontics at universities in the Netherlands, you have to be registered as a dentist in the Netherlands (BIG registration), which also requires a Dutch language proficiency test.

Applicants from non-English-speaking countries are required to take the Academic IELTS exam, with a minimum total score of 7.0. The exam score must be current (less than two years old) and has to be submitted with the other application documents.

Contacts and link:

www.orthodontics.nl/science/contentpage.php?id=199



SWEDEN

MALMÖ UNIVERSITY

INTRODUCTION:

Duration : Two-year Master's program in Dental Science.

Specializations: Periodontology and Prosthodontics.

Program start: August/September, 2021.

The application period has now closed.

A sum up : The purpose of the two-year International Master's programme is to provide students with basic research training and the experience of independently planning and executing a research project under guidance from an experience researcher. The programme will also provide the student with advanced knowledge and skills in their major subject, dentistry, with special focus on a subarea. After graduating from the programme, the student should be able to: review scientific literature; participate in planning and conducting research and development within the profession; and function as a resource dentist in the selected subarea. The Master's degree also qualifies the student for further postgraduate studies towards e.g. PhD.

PROGRAM DETAILS:

A) Entry requirements:

At the time of application, the applicant must have:

- A degree in Dentistry (D.D.S., B.D.S. or equivalent).
- A minimum of two years of clinical experience after graduation.

- English proficiency equivalent to secondary school.
- Full sponsorship from a ministry, organization or company.

SPECIALIZATIONS:

The 2-year program is offered in the following specializations:

1) PERIODONTOLOGY :

A) About the program:

This programme is a full-time, two-year international Master's programme with clinical training in Periodontology. The programme is offered to certified dentists with a minimum of two years clinical experience after graduation, who seek to obtain research experience and improve their theoretical knowledge and clinical skills in Periodontology.

The programme gives the student broad knowledge in the prevention, diagnosis, and treatment of diseases and conditions of the supporting and surrounding tissues of the teeth and implants. This includes the maintenance of health, function and aesthetics of these tissues and structures, as well as implant site development and implant installation.

B) Objectives:

Upon successful completion of the Master's programme, which includes a research project and the defence of a



thesis (2nd cycle), students will be awarded a Master's Degree in Dental Science (MDS).

Clinically, students will develop a competence to examine and evaluate relevant patient history and clinical conditions and to appropriately design a treatment plan, taking individual patient needs and expectations into consideration.

C) Course components:

After introductory courses in research methodology and individual work with a critical literature review on a relevant topic, a research project is the basis for the Master's thesis. The research project is an independent work by the student, supervised by a senior researcher in the field. The focus is mostly on clinically relevant questions within Periodontology and dental implant therapy.

Focused theoretical and clinical training in Periodontology is obtained through a combination of seminars, lectures, individual assignments, and preclinical/observational clinical sessions. Students are exposed to clinical cases with increasing complexity and have the chance to collaborate with residents in the national dental specialisation programme and experienced specialists in Periodontology. Students are exposed, in the form of auscultation, to a large number of periodontal procedures of variable complexity under the close guidance and supervision of experienced periodontists.

The students follow a series of regular seminars on various theoretical topics and on clinical cases, often jointly with postgraduate students and specialists from other relevant specialties. The department follows a problem-based approach to learning and encourages self-directed studies. Therefore, active participation from the students, in the preparation and delivery of the seminars, is required.

2) PROSTHODONTICS :

A) About the program:

This programme is a full-time, two-year international Master's programme in Prosthodontics with clinical training. The programme is offered to certified dentists with a minimum of two years clinical experience after graduation who seek to obtain research experience and improve their theoretical knowledge and clinical skills in oral prosthodontics.

B) Objectives:

Upon successful completion of the international Master's programme in Prosthodontics, which includes a research project and the defence of a thesis (2nd cycle), participants will be awarded a Master's Degree in Dental Science (MDS). Clinically, students will develop competence to assess, diagnose and perform treatment planning for patients with moderately complex need for prosthetic replacement, to restore lost function and esthetics.

C) Course components:

After introductory courses in research methodology and individual work with a critical literature review on a relevant topic, an individual research project is the basis for the Master's thesis. Focused theoretical and clinical training in Prosthodontics is obtained through a combination of seminars, lectures, individual assignments, and preclinical/observational clinical sessions.

The research project is an independent work by the student, supervised by a senior researcher in the field.

Areas of focus include: dental materials; theoretical background to different treatment modalities and their prognosis; diagnostic procedures and prosthetic treatments (implant- and tooth-supported removable as well as fixed restorations) and dental materials. Students will have the opportunity to observe a variety of patients under the close supervision and guidance of a diverse and experienced faculty comprised of top researchers and practitioners in the field of Prosthodontics. Students are exposed to complex and interesting cases, in a forum designed to enhance their ability to plan and execute prosthodontic treatment.



DEGREE:

Upon successful completion of the Master's programme, which includes a research project and the defence of a thesis (2nd cycle), students will be awarded a Master's Degree in Dental Science (MDS).

FEES:

The annual fee is 650 000 SEK (2021). The fee covers the cost of all education, examination, theory classes, as well as all costs related to the preclinical/clinical training at the University Clinic. This includes working clothes, office space, insurance costs, and administrative support.

This education is exclusively offered as a commissioned education and will be regulated via an agreement between the Faculty of Odontology and the employer/sponsor of the student. Malmö University does not offer any grant or scholarship for program participation.

APPLICATION PROCESS TIMELINE:

April 2021:

Deadline for applications.

Online interviews.

May 2021:

Letter of Acceptance.

Deadline for admittance fee.

August/September 2021:

Program start.

FUTURE ACADEMIC CAREER:

Following successful completion of the 2-year international master program, academically oriented students may wish to continue with further research studies. Research interested students may apply to the Faculty Board of Research and Research Education to a 4-year Odont Dr (PhD) full-time program after agreement with their research supervisor, and provided that continued financial support and scholarship can be obtained from the sponsor. During the doctoral study period, doctoral students devote themselves to a research project under the supervision of experienced researchers. The core of the program is the training in the research group, but general and specific scientific courses are also included in the program. The written dissertation is defended by the doctoral student in a public seminar, and leads upon successful completion to the doctoral degree. The PhD program equals 240 higher education credits.

RELOCATING TO SWEDEN AND MALMÖ:

Swedish HealthCare Academy will assist in every step on your journey towards relocating to Sweden. We will assist you in finding suitable accommodation and daycare/school for your children. After arrival we will continue to support you in obtaining a Swedish ID, opening a bank account, registering with a healthcare centre, and locating the nearest grocery store, pharmacy, gym... During your whole study period in Sweden, we will be available for any queries. To find out facts about Sweden, including information on everyday life, childcare, accommodation and more, please see WHY SWEDEN. Malmö is an exciting place to be with its mix of past, present and future. Its proximity to Copenhagen Airport and continental Europe is another of the city's many advantages

HOW TO APPLY

Please read carefully.

- All applications are to be submitted electronically.
- The deadline is 6 April, 2021.
- All information/documents should be in English.
- After sending your application, a message should come up on your screen saying you have been successful in sending your application. You should also receive immediate confirmation via e-mail.

Applicants selected will be asked to present all required documents in original

The following information/documents are required to complete your application

- 1- CV Your CV should include educational and employment periods. Your clinical experience should be clearly stated.
- 2- Personal letter : Your personal letter should include your goals and expectations.
- 3- Graduation certificate
- 4- Financial guarantee: A preliminary financial guarantee for admission purposes only, is required. The financial guarantee has to be issued by your sponsor and contain information on what program is covered etc.

The following information/documents are required to receive possible acceptance:

- 5- Transcript.
- 6- Reference letter no. 1.
- 7- Reference letter no. 2.
- 8- Copy of valid passport
- 9- Proof of English language proficiency : Malmö University requires an English language proficiency equivalent to secondary school for all programs taught in English. Non-EU students must demonstrate their English abilities through an internationally recognized English test. Accepted tests are TOEFL and IELTS academics. In the current Covid-19 situation, TOEFL iBT home edition and IELTS indicator are also accepted.

Test scores are valid for two years if you have already taken a test.

TOEFL: Required test scores:

TOEFL (iBT): total score of at least 90. The written test must be at least 20 (scale 030-)

TOEFL (PBT): total score of at least 575. The written test must be at least 4.5 (scale 16-)

TOEFL MyBest Scores is accepted.

IELTS: Required test scores:

IELTS Academic: a test with an overall mark of 6.5 and no module under 5.5.

10-ECE Course by course evaluation report

Malmö University requires all applicants to validate their university credentials through ECE. Therefore all applicants need to order a course by course evaluation report : course by course evaluation report for post secondary/university level studies (secondary/high school studies not needed). Go to the ECE website ECE website and follow the instructions for course by course evaluation. Applicants need to order their evaluation report and send their diplomas and transcripts to ECE. The standard processing time for an evaluation report is approximately three weeks from receipt, review and approval of all documents, information and payment.

Questions?

If you cannot find the answer to your question on the website, please e-mail application@swedishhealthcare.se. You can also phone International Coordinator Åsa Ander on +46 761021854, or Managing Director Nils Persson on +46 705127816.



KAROLINSKA INSTITUTET

1. MASTER'S COURSES & CLINICAL SPECIALISATION IN ORTHODONTICS:

INTRODUCTION :

Note : *We are not currently accepting applications to the master' courses.* If you are interested in getting more information about the next application round, you can submit your contact information here, and we will get back to you when we open the application for the next intake.

Karolinska Institutet offers Master's courses & Clinical Specialisation in Orthodontics for participants with University Degree in Dental Surgery and a minimum of two years of clinical experience in general practice.

The clinical training for obtaining specialisation in Orthodontics has been conducted since 1993 at the Department of Dental Medicine, Karolinska Institutet. The Master's courses and clinical specialisation in Orthodontics is reviewed and approved by the Board of Higher Education at Karolinska Institutet for fulfillment of a Degree of Master of Medical Science (120 credits) with a Major in Odontology.

The courses provided in the training are designed to meet the requirements of the Swedish National Board of Health and Welfare (HSLF-FS 2017:77) and follow the recommendations given by the "Erasmus Committee" (European Journal of Orthodontics 1992, 14:8594-; updated (2014) Eur J Orthod. 2014, 36:3409-.

PLEASE NOTE: *We are not currently accepting applications to the master' courses. If you are interested in getting more information about the next application round, you can submit your contact information here: you can submit your contact information here, and we will get back to you when we open the application for the next intake.*

GOAL:

The aim of the Master's courses and clinical specialisation in Orthodontics is to offer residents specialisation with a broad and solid academic foundation. The education provides knowledge and skills needed for diagnosis and care of children, adolescents and adults with an orthodontic treatment need. The education also emphasises health ethics, pedagogics and leadership.

CONTENT:

The clinical specialist training comprises three and half year's full time study and follows a fixed timetable. A total of 120 credits, including orthodontic theory, basic science courses and preparation of a Master's thesis, are integrated in the weekly schedule.

Each resident will start the treatment of a minimum of 70 patients. In addition, they will finish the treatments of a various number of patients transferred from previous residents. The treatments comprise the whole panorama of orthodontic problems including orthodontic treatment as a part of oral rehabilitation. Exposure to the orthodontic management of patients with cleft lip and palate is included.

In average, each week involves 7 half-day sessions with patient related clinical activities and one full day of theoretical reviews. The remaining sessions are reserved for research, self-study, undergraduate teaching and external courses and congresses. Particular topics are covered by participation in national courses whereby residents from all the postgraduate training centres in Sweden converge.

The residents attend lectures delivered by distinguished lecturers nominated by the European Orthodontic Society. They also participate in the congress of the Swedish Orthodontic Association, and once during the specialist training they are encouraged to present their research at the congress of either the Nordic Orthodontic Society or the European Orthodontic Society. To have full coverage of costs for extramural activities, residents have to apply for membership in the Swedish Orthodontic Association and the European Orthodontic Society.

EXAMINATION, CERTIFICATE AND DEGREE:

After a minimum of three and half year's full time service and a final examination conducted by an external examiner, a certificate of Specialisation in Orthodontics is issued by the Department of Dental Medicine. Legitimacy to work as a specialist in Sweden can only be given by the Swedish National Board of Health and Welfare to dentists who are registered as fully licensed dental practitioners in Sweden at the commencement of specialist training. Master of Medical Science (120 ECTS credits) with a Major in Odontology is issued by the Board of Education at Karolinska Institutet after pass in all courses and defence of the Master's thesis. It is expected that each thesis generates material which qualifies for presentation at an international congress and publication in peer reviewed scientific journals.

MASTER'S COURSES AS CONTRACT EDUCATION:

The master's courses are offered as contract education, in accordance with the Ordinance (SFS 2002:760) on Contract Education at Universities and University Colleges, and the Swedish National Agency for Higher Education's directions for Contract Education at Universities and University Colleges (HSVFS 2003:3).

Thus, the courses can be commissioned only by a legal entity - an organisation, company or the equivalent.

ELIGIBILITY REQUIREMENTS:

Degree in Dental Surgery from a University recognised by Karolinska Institutet and a minimum of two years (full time) of clinical experience in general practice as a registered dentist.

APPLICATION:

We are not currently accepting applications to the master's courses. If you are interested in getting more information about the next application round, you can submit your contact information here, and we will get back to you when we open the application for the next intake

2. ADMISSIONS TO GLOBAL MASTER'S PROGRAMMES:

Below you will find instructions on how to apply for the Global Master's Programmes at Karolinska Institutet.

CENTRAL ONLINE APPLICATION PORTAL:

You apply for the Global Master's programmes through « universityadmission.se » universityadmissions.se, the online application portal for higher education in Sweden. :

- **Create a user account** : Create a user account
The application starts - and continues - with a user account. Find out how to create one here at Universityadmissions.se. Search for courses and programmes
There can be no application without courses and programmes. Sweden has a huge selection to choose from. Get a brief overview of how search works.

- **Search for courses and programs** : Rank your selections
The order you rank your selected courses and programmes is super important in Sweden. Find out why - and how to rank correctly.

- **Rank your selections** : Provide application documents
After you've submitted your electronic application, you must document your previous studies. Find out what documents you need - and how you should prepare and submit them.

- **Provide application documents** : Pay your application fee (non-EU/EEA)

If you're a citizen of a country outside the EU/EEA, you need to pay a fee to have your application processed. Find out more about the application fee and how you can pay it. Document your citizenship (EU/EEA)

EU/EEA and Swiss citizens don't have to pay an application fee - but not so fast! You do need to document your citizenship status in order for your application to be processed. Find out how to do that.

If you've previously applied:

If you've previously applied, any application documents - and your account - are still on file. Find out how to proceed to make sure your current application is complete and up-to-date.

Applying after the deadline:

It's best to apply by the deadline, but some courses and programmes can still be open later for application. Find out how to submit a late application - and what this means for your chances.

Do not send any documents to University Admissions in Sweden (universityadmissions.se) before you have completed the online application. Please also note that no documents should be submitted directly to Karolinska Institutet.

AUTUMN 2021 INTAKE:

The admissions round is open from 16 October 2020 to 15 January 2021 at universityadmissions.se. The deadline for the supporting documentation, and the application fee/proof of exemption is 1 February 2021

Please note that University Admissions in Sweden will not start to process your application before you have paid the application fee/submitted proof of exemption from the application fees.



ENTRY REQUIREMENTS FOR THE MASTER'S PROGRAMMES:

Before you apply you should check that you have the required academic qualifications and language skills. In order to be eligible you must meet the general entry requirements, the programme-specific requirements, and the English language requirement.

A) General entry requirements:

The general eligibility requirement is a bachelor's degree equivalent to a Swedish bachelor's degree of 180 ECTS from an internationally recognised university. For detailed information on how you can meet the general entry requirement, check the country specific requirements. Applicants in their final year of bachelor's studies can be conditionally admitted.

In order to be eligible, you must also meet the specific entry requirements for the programme you are applying for. You can find information about the specific requirements in the programme description

-English language requirements:

All Global Master's Programmes at Karolinska Institutet require proficiency in English equivalent to the Swedish upper secondary school courses English 6/English B.

You may meet the English language requirement through previous university level studies, upper secondary school studies or English language proficiency tests. Please read the instructions on how to document your English language proficiency at universityadmissions.se

-Documentation requirements:

It is important that you follow the instructions on supporting documentation when you prepare your application. If you do not submit the documentation according to the instructions on universityadmissions.se you cannot be considered for admission.

Most documents can be uploaded and you will find detailed instructions on how to upload when you are logged in at your account at universityadmissions.se. You must among others make sure that you scan the original documentation and scan in colour. Scanned copies and certified copies will not be accepted by University Admissions in Sweden.

Please note that some transcripts of records have to be submitted directly from the issuing university to University Admissions in Sweden, please check the country specific instructions. In the country specific instructions you will also find information on whether your documents have to be translated.

-Applicants in their final year:

If you are an applicant in your final year you can be conditionally admitted on condition that you meet the degree requirement before the start of the programme. Please follow the instructions at for applicants in their final year of bachelor's studies.

-Selection:

Even though you might meet the entry requirements, this does not guarantee admission. When the number of applicants exceeds the number of places offered (which is normally the case), a selection among the eligible applicants will take place.



Applicants to our Global Master's Programmes are asked to complete a CV form that will be used in the selection process.

The selection is based on an overall assessment of your qualifications, such as your previous education, relevant work and research experience and statement of intent.

APPLICATION CHECKLIST:

1. Find a programme that you wish to study
2. Check that you meet the specific entry requirements for that programme (available under each programme description)
3. Read the documentation requirements carefully and check whether you need to sign up for an English language proficiency test.
4. Apply online at universityadmissions.se (the Swedish national application website).
5. Pay the application fee of 900 SEK (if it applies to you), or submit proof of exemption from the application fee. Please note that University Admissions will not start to assess your documentation before they have received the application fee or the proof of exemption.
6. Submit the required documentation to University Admissions in Sweden. Please read the country specific requirements to check whether your transcripts of records must be submitted directly from your university to University Admissions in Sweden, or whether your documentation must be translated.
7. Complete the CV form and upload it at your account at universityadmissions.se.
8. Apply for scholarships (if it applies to you).
9. Follow your application online by logging in to your account at universityadmissions.se. The selection results will also be published there. If you get selected please remember to accept the admissions offer.

CONTACT:

If you have questions regarding:

- entry requirements,
- documentation requirements,
- admissions and selection procedures

please contact the Admissions Office at Karolinska Institutet.

If you have questions regarding:

- your user account at universityadmissions.se,
- application fee procedures

please contact universityadmissions.se





IADs



SCQRE

Standing Committee on Research and Education