UCLouvain

DENT1BA

2024 - 2025

Bachelor in Dentistry

At Bruxelles Woluwe - 180 credits - 3 years - Day schedule - In French
Dissertation/Graduation Project : **NO** - Internship : **YES**
Activities in English: **NO** - Activities in other languages : **NO**
Activities on other sites : **NO**
Main study domain : **Sciences dentaires**
Organized by: **Faculty of Medicine and Dentistry (MEDE)**

DENT1BA - Introduction

Introduction

DENT1BA - Teaching profile

Learning outcomes

The challenge of the Bachelor in Dentistry at UCL is to acquire from the start of his or her training scientific, medical and human qualities combining them with advanced technical skills, enabling him or her to take care of patients under supervision from the start of his or her Master's degree.

In practical terms, the training provided over the course of the Bachelor's programme allows the acquisition of these skills by integrating:

• basic scientific training,

• medical training (from understanding cellular processes to studying physiological and psychological processes of the human body),

• training in dentistry (examining oral tissues, their physiology and pathologies, and healthcare techniques and biomaterials used),

• professional training by practising dentistry in society.

In the Bachelor's programme, through various teaching activities (theoretical lectures and preclinical lab work) and clinical observations, the student will developp his or her future professional project, and put it into practice during the Master's coursenn acquiring more and more autonomy.

Each course of the Bachelor's programme forms part of the development of certain specific items in the skills base list in accordance with the subjects and activities offered. The coherence of the programme can be seen in the tables identifying the learning outcomes prioritised by each course.

On successful completion of this programme, each student is able to :

• to develop a scientific attitude.

The student will be capable of integrating an understanding of different sciences and disciplines in order to apply them to common clinical situations.

1.1. Integrate the essential knowledge of basic, biomedical, technical and clinical sciences by theoretical preparation for the effective practice of dentistry,

1.2. Understand physiological and/or pathological structures, functions or behaviour in accordance with the patient's age, health and circumstances,

1.3. Apply this knowledge to common clinical situations.

• to make oral hygiene diagnoses.

The student will be able to make a clinical diagnosis of a patient displaying a "simple" medical condition frequently encountered in dentistry.

2.1. Collect accurate and detailed dental, medical and social information (e.g. addiction to tobacco or eating habits),

2.2. Identify the necessary parameters for an intra-oral or extra-oral medical examination including the temporomandibular joints and masticatory muscles, the teeth and gums and the oral mucous membranes, as well as an analysis of the occlusion,

2.3. Conduct a basic X-ray examination demonstrating an awareness of the risks of ionising radiation,

2.4. Interpret a set of clinical, radiographic and possibly laboratory results in order to make a diagnosis,

2.5. Make a common differential diagnosis and decide the final diagnosis from a number of alternatives.

• to plan oral hygiene treatment.

The student will be able to offer a treatment plan and organise a schedule for a common clinical case within each discipline, taught independently to allow optimum command. The multidisciplinary integration required for the effective practice of dentistry will be developed during the clinical work placements of the Master's course.

No specific information on this subject.

• to carry out the oral hygiene treatment.

The student will be able to carry out all technical activities on a simulator, because the Bachelor training is focused on the development of preclinical technical skills.

4.1. Be acquainted with the theoretical concepts allowing serious dental situations to be dealt with,

4.2. Have command of technical activities in a preclinical laboratory relating to restorative dentistry, prosthetic dentistry, endodontics and oral surgery.

• to manage the dentist-patient relationship.

The student will be acquainted with the theoretical concepts allowing patients to be dealt with appropriately from the start of the active clinical work placements.

5.1. Be acquainted with the theoretical concepts allowing the stress of patient and dentist to be dealt with appropriately,

5.2. Identify expectations of the patient in terms of needs and demands by active listening in a consultation context at a basic level (adult patient displaying common pathologies),

5.3. Communicate with the patient, to an appropriate and adapted degree of complexity, to explain treatment options,

5.5. Identify the psychological and medical factors causing and/or prolonging a dental, oral or facial illness or impairment or another pathology.

5.6. Understand written and spoken documents (audio and video) in English in the medical field in general and dentistry in particular.

• to work as part of a team.

The student will be aware of his/her own knowledge and share that with other medical or dental practitioners with whom he/she might interact in the patient's interests.

6.1. Provide information relating to his/her knowledge, diagnoses, suggestions for treatment (common clinical cases), to an appropriate and adapted degree of complexity (type of vocabulary, amount of information, etc).

6.2. Be aware of his/her own skills and the limits of his/her expertise.

• to act in a socially professional and responsible way.

The student will be able to view his/her future practice from a societal, ethical and financial perspective.

				Year 1	2	3
WDENT1333	Psychologie médicale	Anne Wintgens	FR [q2] [30h] [3 Credits]			x

Clinical observations (8 credits)

WDENT1133	Stage d'observation et projet professionnel (A)		FR [q1+q2] [5h+50h] [2 Credits]	x		
WDENT1243	Stage d'observation et projet professionnel (B)	David Mahieu	FR [q1+q2] [5h+100h] [2 Credits]		x	
WDENT1339	Préparation à l'approche globale d'un patient adulte	Caroline Gillard Matthieu Gilli (coord.) Chloé Hardy Séverine Mateu-Ramis (coord.) Eliane Schmitz	FR [q1+q2] [30h+160h] [4 Credits]			x

- WDENT1242 - Matériaux dentaires : concepts et analyse critique
- WDENT1222 - Prothèse inamovible (1re partie)
- WDENT1225 - Laboratoire de dentisterie restauratrice et prothétique (1re partie)

WDENT1351 "Chirurgie générale et bucco-dentaire" has prerequisite(s) WMDS1103 ET WDENT1121 ET WDENT1210

- WMDS1103 - Anatomie générale et fonctionnelle
- WDENT1121 - Dental anatomy
- WDENT1210 - Head and neck anatomy and embryology

WDENT1360 "Eléments de radiologie dento-maxillo-faciale et radioprotection" has prerequisite(s) WDENT1121 ET WDENT1210

- WDENT1121 - Dental anatomy
- WDENT1210 - Head and neck anatomy and embryology

WDENT1391 "Cariologie et dentisterie conservatrice" has prerequisite(s) WDENT1242 ET WDENT1254

- WDENT1242 - Matériaux dentaires : concepts et analyse critique
- WDENT1254 - Physiologie et sémiologie bucco-dentaires

WSBIM1334D "Immunologie générale (partim DENT)" has prerequisite(s) WDENT1204

- WDENT1204 - Biologie cellulaire et moléculaire

DENT1BA - 2ND ANNUAL UNIT

- Mandatory
-

WDENT1244	Prévention dentaire	Selena Toma (coord.)	FR [q2] [15h] [2 Credits]
WDENT1222	Prothèse inamovible (1re partie)	Chloé Hardy	FR [q2] [20h] [2 Credits]
WDENT1225	Laboratoire de dentisterie restauratrice et prothétique (1re partie)	Chloé Hardy Séverine Mateu-Ramis (coord.)	FR [q1+q2] [10h +110h] [4 Credits]

Professional training by practising dentistry in society

LANGL1856	Medical English for Dentistry students	Aurélie Deneumoustier (coord.)	EN [q1+q2] [60h] [5 Credits]

Clinical observations

WDENT1243	Stage d'observation et projet professionnel (B)	David Mahieu	FR [q1+q2] [5h +100h] [2 Credits]

WDENT1342	Endodontie	Sam Aryanpour (coord.) Pierre Carsin Julian Leprince Eliane Schmitz	FR [q2] [37.5h] [5 Credits]
WDENT1336	Anesthésie	Armand Irakoze Pierre Mahy (coord.) Victoria Van Regemorter	FR [q2] [20h] [2 Credits]
WDENT1345	Laboratoire de dentisterie restauratrice et prothétique (2e partie)	Pierre Carsin Aurélie Chantrenne Magali Dewaele Caroline Gillard Matthieu Gilli (coord.) Chloé Hardy Julian Leprince Séverine Mateu-Ramis Eliane Schmitz	FR [q1+q2] [0h +235h] [7 Credits]

Professional training by practising dentistry in society

WDENT1333	Psychologie médicale	Anne Wintgens	FR [q2] [30h] [3 Credits]

Clinical observations

WDENT1339	Préparation à l'approche globale d'un patient adulte	Caroline Gillard Matthieu Gilli (coord.) Chloé Hardy Séverine Mateu-Ramis (coord.) Eliane Schmitz	FR [q1+q2] [30h +160h] [4 Credits]

DENT1BA - Information

Access Requirements

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.
The admission requirements must be met prior to enrolment in the University.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- General access requirements
- Specific access requirements
- Access based on validation of professional experience
- Special requirements to access some programmes

General access requirements

Except as otherwise provided by other specific legal provisions, admission to undergraduate courses leading to the award of a Bachelor's degree will be granted to students with one of the following qualifications :

1. A Certificate of Upper Secondary Education issued during or after the 1993-1994 academic year by an establishment offering full-time secondary education or an adult education centre in the French Community of Belgium and, as the case may be, approved if it was issued by an educational institution before 1 January 2008 or affixed with the seal of the French Community if it was issued after this date, or an equivalent certificate awarded by the Examination Board of the French Community during or after 1994;

2. A Certificate of Upper Secondary Education issued no later than the end of the 1992-1993 academic year, along with official documentation attesting to the student's ability to pursue higher education for students applying for a full-length undergraduate degree programme;

3. A diploma awarded by a higher education institution within the French Community that confers an academic degree issued under the above-mentioned Decree, or a diploma awarded by a university or institution dispensing full-time higher education in accordance with earlier legislation;

4. A higher education certificate or diploma awarded by an adult education centre;

5. A pass certificate for one of the entrance examinations organized by higher education institutions or by an examination board of the French Community; this document gives admission to studies in the sectors, fields or programmes indicated therein;

6. A diploma, certificate of studies or other qualification similar to those mentioned above, issued by the Flemish Community of Belgium, the German Community of Belgium or the Royal Military Academy;

7. A diploma, certificate of studies or other qualification obtained abroad and deemed equivalent to the first four mentioned above by virtue of a law, decree, European directive or international convention;

Note:

Requests for equivalence must be submitted to the Equivalence department (Service des équivalences) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium in compliance with the official deadline.

The following two qualifications are automatically deemed equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS):

- European Baccalaureate issued by the Board of Governors of a European School,

- International Baccalaureate issued by the International Baccalaureate Office in Geneva.

8. Official documentation attesting to a student's ability to pursue higher education (diplôme d'aptitude à accéder à l'enseignement supérieur - DAES), issued by the Examination Board of the French Community.

Specific access requirements

- Access to bachelor programmes for candidates of nationality outside the European Union who are not assimilated to Belgian nationals is subject to the following criteriaSpecifrxei4nguiSpect t t t t of Belgium or the RernBelglp a student's 7.9a7803lp 999 a s30 312e17tation att

• For any secondary school diploma **from a European Union country**

Entity

Structure entity	SSS/MEDE/MDEN
Denomination	(MDEN)
Faculty	Faculty of Medicine and Dentistry (MEDE)
Sector	Health Sciences (SSS)
Acronym	MDEN
Postal address	