

**RECRUITEMENT MODALITIES FOR APPLICANTS TO
SPECIALIZED STUDIES SPECIALTY MASTER**

Aesthetic and Prosthetic Dentistry – Endodontic - Pediatric dentistry - Oral Surgery & Implantology

Specialized Master’s Program

Specialized Master’s programs are full-time programs, including lectures, preclinical and clinical sessions, oral presentations, clinical case presentations, and article publications.

The completion of a thesis is required at the end of the Specialized Master’s program, following the sixth semester, after successful validation of all required credits.

This Specialized Master’s program includes a Basic Sciences session (Tronc Commun) comprising several courses. Validation of all required credits, allows graduates to enroll directly in Doctoral studies.

Application Process and Requirements

- Applicants must complete an application form indicating one or more specialty choices in order of preference.
- The theoretical competencies acquired during undergraduate studies and required for the written examination are specified for each discipline.
- Practical examinations are clearly defined for each discipline.
- Applicants are required to analyze a scientific article.
- An interview is conducted and graded according to a standardized evaluation grid.

The application file must be submitted to the Administration of the FMD – USJ, to Ms. Souad HAJJ MOUSSA FEGHALI souad.moussa@usj.edu.lb, including the following documents:

- Doctor of Dental Surgery diploma or equivalent, certified by the Ministry of Higher Education at UNESCO
- Lebanese Baccalaureate Part II or equivalent, validated by the Ministry of Higher Education at UNESCO
- Detailed Curriculum Vitae
- Academic transcripts for the five years of study
- Two recommendation letters from two of the following (not applicable to FMD students):
 1. Head of the institution issuing the diploma
 2. Head of the department of the relevant specialty
 3. A professor from the institution issuing the diploma
- Any postgraduate diplomas (if applicable)
- National ID card
- Two passport-size photos

Applicants’ selection

The examinations will take place in July 2026, and selection will be based on the candidates’ ranking according to the scores obtained in items 1, 2, 3, 4, and 5.

A general mean score is calculated based on the following percentages:

1. Article analysis by the applicant	20%
2. Applicant’s interview	20%
3. Applicant’s file evaluation	20%
4. Written examination	20%
5. Practical skills examination	20%

- Any previously obtained post-graduate studies degree as well as any period of post-graduate professional experience will be taken into consideration during the evaluation.
- In case of a tie between applicants to a specialty program in the general mean score calculated over a total of 20 points, the applicants having stated said specialty as their first choice for post-graduate studies will be favored.
- The Heads of department and post-graduate study programs directors for each specialty decide with the Dean’s agreement of the number of candidates to admit after the selection process is completed.

1. Article analysis

A scientific article written in English will be given to candidates. They will have 1 hour and 30 minutes to read and summarize it, then answer related questions. Anonymity will be ensured during correction.

2. Oral Interview

The interview aims to evaluate the applicant’s motivation regarding their chosen field of specialty, cultural background, professional goals, and vision for the future.

Interview Objectives

- To assess the applicant’s analytical, critical, and synthesis skills, as well as their level of knowledge, self-assurance, and language proficiency.
- To evaluate the applicant’s motivation and work capacity.
- An evaluation grid consisting of “appreciations” is converted at the end of the interview into a score, which is taken into account in the final overall score according to the pre-established coefficient.

3. File Evaluation

Postgraduate diplomas and years of professional experience will be considered. Scientific publications, social activities, professional experience, participation in sports activities, and additional training will also be taken into account during the evaluation process

4. Written Examination

The written exam consists of single best answer questions (MCQs), multiple-choice questions, and/or short clinical cases (CROCs), based on second-cycle topics.

5. Practical Examination

The practical examination consists of preclinical exercises designed to assess the candidate’s manual skills, clinical reasoning, and ability to perform procedures related to second-cycle competencies.

A. Master’s degree in aesthetic and prosthetic dentistry

1. Fixed Prosthodontics

- **Theoretical Knowledge (written exam) duration:30mn**
 - Different preparations in fixed prosthodontics.
 - Cervical finish lines.
 - Provisional restorations.
 - Impressions techniques.
 - Post and cores and build-up techniques.
 - Cementation and bonding materials in fixed prosthodontics.
 - Pontics design.
 - Etiology and pathology of the neuro-muscular and articulation dysfunction.
 - Occlusal appliances. Les gouttières occlusales.

- **Laboratory competences (bench exam) duration: 3 hours**
 - Full coverage preparation on upper 1st molars, incisors and canines.
 - Full coverage preparation on upper 1st premolar.
 - Temporary restoration on the prepared tooth.
 - Cast mounting on semi-adjustable articulator.

- ❖ **Instruments needed for the Fixed prosthodontics bench exam:**
 - ✓ Typodont with a complete set of upper and lower teeth. (frasaco)
 - ✓ High speed + slow speed contra-angle (2 holes)
 - ✓ Diamond and carbide burs for full coverage preparations.
 - ✓ Cold-cure acrylic with rubber dappen dishes for temporaries.
 - ✓ Semi-adjustable articulator.
 - ✓ Universal pliers.
 - ✓ Sable brushes.
 - ✓ Spatulas.
 - ✓ Acrylic burs.
 - ✓ Polishing wheels.

2. Restorative and Esthetic Dentistry

➤ Theoretical skills (theoretical exam) Duration 30mn

- Choice of direct materials in DRE
- Dental amalgams
- Composites
- The different preparations for direct techniques
- Direct complex cavities
- Choice of indirect materials
- Dental ceramics
- Ceromers
- The principles of preparations for inlays
- The principles of preparations for veneers
- Whitening of vital teeth
- Whitening of root treated teeth
- Pulp capping
- Dental adhesives

➤ Laboratory Competencies (Bench Examination)(DRE)

- Preparation and restoration of a Class I cavity on a molar
- Preparation and restoration of a Class II cavity on a molar
- Preparation and restoration of a Class III cavity on an anterior tooth
- Preparation and restoration of a Class IV cavity on a maxillary central incisor
- Preparation and restoration of a Class V cavity
- Preparation and restoration of a complex amalgam cavity
- Preparation and restoration of an MOD cavity using amalgam and composite
- Preparation for an inlay/onlay restoration
- Fabrication of an indirect composite inlay/onlay restoration

❖ Material required for the DRE competition

- ✓ Burs for preparation of cavities for composite and amalgam and polishing material for composite
- ✓ Silicone tips for polishing
- ✓ Matrices of thickness 0.045 and width 7mm + Matrix holder
- ✓ Matrices celluloid
- ✓ Wooden wedges
- ✓ Instruments for obturation
- ✓ Light curing units

3. Removable Prosthodontics

➤ Theoretical competence (written exam) duration 30mn

- **Partial prosthesis**
 - Clinical examination of a removable partial denture.
 - Choice of the insertion axis in removable partial prosthesis.
 - Preprosthetic preparation of a removable partial denture.
 - Choice and indications of the elements of a removable partial denture (main and secondary retainer, clasps, occlusal and mucous rests).
 - Impression techniques in removable partial denture.
- **Complete denture**
 - Clinical examination of an edentulous patient.
 - Impression techniques in complete denture.
 - Intermaxillary relationships in complete denture.
 - Articulator and mounting of the teeth.
- **General**
 - Dental materials in removable prosthesis.
 - Implants and complete denture

- **Practical competence (preclinical examination) duration 2 hours**
 - Creation of an acrylic partial denture on a plaster model (clasp, wax and setting of teeth).
 - impression of a removable partial denture: drawing of the frame, surveying of a dental cast, realization of a special tray.
 - Creation of a complete denture on a plaster model

- ❖ **Material required for the Removable Prosthesis competition:**
 - ✓ Wax knife, Zahle, PKT, LeCron
 - ✓ Clasps pliers: Cutting pliers, 3 beak pliers, bird beak pliers
 - ✓ Micro-motor with straight handpiece and low-speed handpiece
 - ✓ Acrylic burs (different shapes)
 - ✓ Colored pencils
 - ✓ Pencil
 - ✓ Round and cylindrical burs for low-speed (different sizes)
 - ✓ Godets for acryl by Rubber in different size
 - ✓ Metallic spatula
 - ✓ Glass Mixing slab
 - ✓ articulating paper
 - ✓ Alcohol lamp

4. Digital dentistry

- **Theoretical competence (written exam) duration 30mn**
 - Fundamentals of the digital workflow: CAI, CAD, CAM
 - Principles of intraoral digital scanning.
 - Factors affecting intraoral scan accuracy.
 - Digital implant impressions.
 - Fundamentals of additive and subtractive manufacturing.
 - Artificial intelligence in digital dentistry

B. Master's degree in Endodontics

- **Theoretical competence (written exam)**
 - **Preparation for the endodontic procedure**
 - Sterilization
 - Radiography
 - Anesthesia
 - Medical emergencies
 - Diagnosis in endodontics
 - Ergonomics
 - Operating field
 - **General principles including**
 - The canal anatomy
 - Root canal Access
 - Canal shaping
 - Canal obturation

- **Practical competence (preclinical examination)**

Coronal access + preparation and filling of an extracted monoradicated tooth.

 - ❖ **Equipment :** The candidate must have 3 simulators (RESIN BLOCKS) and the necessary instrumentation to perform the requested act (NiTi motor included).

C. Master's degree in Pediatric Dentistry

- **Theoretical Knowledge (written examination)**
 - Child psychology (anxiety, pain, simple behavior management techniques)
 - Introduction to traumatology (principles and classifications)
 - Introduction to prevention (fluoride and tooth brushing)
 - Introduction to occlusal guidance (space maintainers)
 - The dentition (anatomy and physiology of primary and permanent teeth)
 - Simple tooth extraction

- **Practical Competence (preclinical work examination)**
 - Simple wire bending
 - Cavity preparation on primary teeth
 - Primary tooth pulpotomy

For this examination, the candidate should have the necessary instrumentation as well as two extracted primary teeth with at least three quarters of the roots present (one anterior and one posterior tooth).

D. Master's degree in Oral Surgery & Implantology

- **Theoretical Examination :**
 - **Exodontia:**
 - Local anesthesia in oral surgery (anesthetic agents, techniques, and complications)
 - Asepsis and sterilization
 - Simple and difficult extractions (roots, apices): instruments, principles, and techniques
 - Extraction of erupted wisdom teeth
 - Complications of dental extractions and post-operative care
 - **Oral Surgery:**
 - Instrumentation in oral surgery
 - Applied pharmacology (antibiotics, analgesics, and anti-inflammatory drugs)
 - Preparation for surgical procedures (premedication, radiological and complementary examinations)
 - Incisions and sutures (principles, materials, and techniques)
 - Healing of oral wounds
 - Multiple extractions and alveolectomies
 - Surgical extractions (impacted wisdom teeth and other impacted teeth)
 - Endodontic surgery (surgical approach)
 - Pre-prosthetic surgery (soft and hard tissues)
 - Odontogenic and non-odontogenic tumors (differential diagnosis and management)
 - Oro-antral communication
 - Oral implantology: pre-implant assessment, biological concepts, basic surgical techniques.

- **Practical Examination:**
 - Incisions and sutures
 - Preparation of a surgical tray
 - Prescription writing
 - ❖ **Materials for the Practical Exam:**
 - ✓ 2 silk sutures 4/0
 - ✓ 1 needle holder
 - ✓ 1 periosteal elevator
 - ✓ 1 pair of scissors
 - ✓ 1 scalpel handle + blades No. 15
 - ✓ 1 tissue forceps
 - ✓ 1 mask
 - ✓ 2 pairs of gloves