

Master of Science Program in Dentistry

Research Focus

- Clinical application in Dental Sciences
- Technology in Dental Sciences

Structure of the Program

1. Credit Requirements *

| Requirements | Option 1.2 |
|------------------------------|------------|
| Coursework | 24 |
| - Core Courses | 24 |
| Electives Non-credit Courses | 1 |
| Required Non-credit Courses | 8 |
| Thesis | 12 |
| Total | 36 |

* Minimum credits required

2. Core Courses

| Requirements | Option 1.2 | |
|---|------------|-----|
| | Course No. | Cr. |
| Biostatistics and Biomedical Sciences for Dentistry | 604500 | 3 |
| Applied Oral Biology and Genetics for Dentistry | 604501 | 3 |
| Photography Computer Ethics and Psychology in Dentistry | 604502 | 3 |
| Orthodontics | | |
| Principles in Orthodontics | 604510 | 2 |
| Mechanisms of Orthodontic Tooth Movement and Corrective Orthodontic Treatment 1 | 604511 | 2 |
| Removable and Functional Appliances and Corrective Orthodontic Treatment 2 | 604512 | 2 |
| Orthognathic Surgery and Corrective Orthodontic Treatment 3 | 604513 | 2 |

| Requirements | Option 1.2 | |
|---|------------|-----|
| | Course No. | Cr. |
| Dental Materials and Corrective Orthodontic Treatment 4 | 604514 | 2 |
| Orthodontic Diagnosis and Treatment Planning | 604515 | 2 |
| Orthodontic Practical and Laboratory Techniques | 604516 | 1 |
| Orthodontic Treatment Combined with Multi-Disciplinary Treatment | 604517 | 2 |
| Operative Dentistry | | |
| Advanced Operative Dentistry 1 | 604520 | 2 |
| Advanced Operative Dentistry 2 | 604521 | 2 |
| Advanced Restorative Materials | 604522 | 2 |
| Advanced Clinical Operative Dentistry 1 | 604523 | 1 |
| Advanced Clinical Operative Dentistry 2 | 604524 | 2 |
| Advanced Clinical Operative Dentistry 3 | 604525 | 2 |
| Advanced Clinical Operative Dentistry 4 | 604526 | 2 |
| Advanced Clinical Operative Dentistry 5 | 604527 | 2 |
| Prosthodontics | | |
| Dental Material Sciences in Prosthodontics | 604530 | 2 |
| Advanced Complete Denture and Removable Denture and Maxillofacial Prosthetics | 604531 | 2 |
| Advanced Fixed Prosthodontics and Dental Implant in Restorative Dentistry | 604532 | 2 |
| Prosthodontic Clinic 1 | 604533 | 1 |
| Prosthodontic Clinic 2 | 604534 | 2 |
| Prosthodontic Clinic 3 | 604535 | 2 |
| Prosthodontic Clinic 4 | 605436 | 2 |
| Prosthodontic Clinic 5 | 604537 | 2 |
| Pediatric Dentistry | | |
| Behavior Management in Dentistry | 604540 | 1 |
| Dentistry for Special and Medically Compromised and Children | 604541 | 2 |
| Preventive and Interceptive Orthodontics | 604542 | 2 |
| Advanced Clinical for Special Child and Medically Compromised Patient | 604543 | 2 |
| Advanced Clinical Pediatric Dentistry 1 | 604544 | 2 |
| Advanced Clinical Pediatric Dentistry 2 | 604545 | 2 |

| Requirements | Option 1.2 | |
|---|------------|-----------|
| | Course No. | Cr. |
| Advanced Clinical Pediatric Dentistry 3 | 604546 | 2 |
| Advanced Clinical Pediatric Dentistry 4 | 604547 | 2 |
| Periodontics | | |
| Advanced Periodontology 1 | 604550 | 2 |
| Advanced Periodontology 2 | 604551 | 2 |
| Advanced Periodontal Therapy and Dental Implant 1 | 604552 | 2 |
| Advanced Periodontal Therapy and Dental Implant 2 | 604553 | 2 |
| Clinical Periodontology 1 | 604554 | 1 |
| Clinical Periodontology 2 | 604555 | 2 |
| Clinical Periodontology 3 | 604556 | 2 |
| Clinical Periodontology 4 | 604557 | 2 |
| Endodontics | | |
| Endodontic Biology | 604560 | 2 |
| Endodontic Science 1 | 604561 | 1 |
| Endodontic Science 2 | 604562 | 2 |
| Clinical Endodontics 1 | 604563 | 2 |
| Clinical Endodontics 2 | 604564 | 2 |
| Clinical Endodontics 3 | 604565 | 2 |
| Clinical Endodontics 4 | 604566 | 2 |
| Advanced Clinical Endodontics | 604567 | 2 |
| Geriatric Dentistry | | |
| Diagnosis and Treatment Planning in Geriatric Dentistry | 604570 | 2 |
| Aging Psychology | 604571 | 1 |
| Management in Systemic Disease for the Elderly | 604572 | 2 |
| Nutrition and Oral Health Prevention in the Elderly | 604573 | 2 |
| Quality of Life and Health Promotion for the Elderly | 604574 | 2 |
| Comprehensive Geriatric Dentistry Clinic 1 | 604575 | 2 |
| Comprehensive Geriatric Dentistry Clinic 2 | 604576 | 2 |
| Comprehensive Geriatric Dentistry Clinic 3 | 604577 | 2 |
| Total | 11 | 24 |

3. Electives Non-credit Courses

| Requirements | Option 1.2 | |
|--|------------|----------|
| | Course No. | Cr. |
| Dental Implant in Restorative Dentistry | 604503 | 1 |
| Occlusion: Oral Rehabilitation | 604504 | 1 |
| Health Policy and Dental Clinic Administration | 604505 | 1 |
| Instrumentation for Research in Dentistry | 604506 | 1 |
| Total | 4 | 4 |

4. Required Non-credit Courses

| Requirements | Option 1.2 | |
|--|------------|----------|
| | Course No. | Cr. |
| Research Methodology in Health Science | 604580 | 3 |
| Seminar 1 | 604581 | 1 |
| Seminar 2 | 604582 | 1 |
| Seminar 3 | 604583 | 1 |
| Seminar 4 | 604584 | 1 |
| Applied Dental Clinic Seminar | 604585 | 1 |
| Total | 6 | 8 |

5. Thesis Credit Requirements

| Requirements | Option 1.2 | |
|----------------------|------------|-----------|
| | Course No. | Cr. |
| Thesis 1, Option 1.2 | 604590 | 3 |
| Thesis 2, Option 1.2 | 604591 | 4 |
| Thesis 3, Option 1.2 | 604592 | 5 |
| Total | 3 | 12 |