

## **MASTER OF DENTAL SURGERY (Clinical – 5811) / (Structured– 5881)**

### **G.57 ADMISSION**

Unless Senate decides otherwise, candidates will be required to meet the following criteria to be enrolled for the programme: **Master of Dental Surgery – MDS (as indicated in G.61)**

For admission to the MDS/MChD degree programme, a student must:

- G.57.1** Be registered as a dentist with the Health Professions Council of South Africa with an appropriate dental degree.
- G.57.2** Have a minimum of two years post-qualification experience unless otherwise decided by the Senate.
- G.57.3** Additional admission requirements for the MDS/MChD (MFOS): have successfully completed the Part IA or equivalent; or PGDip (Minor Oral Surgery) or equivalent; or MBChB or equivalent.
- G.57.4** Admission to the MDS/MChD programme is dependent on the availability of funded posts from the Department of Health. Currently, only South African citizens are eligible for admission to the MDS/MChD programme.

### **G.58 DURATION**

The training period for these degrees is prescribed below and includes:

- G.58.1** Prescribed coursework
- G.58.2** Clinical training
- G.58.3** Research involving the presentation of a mini-thesis. The protocol for such a mini-thesis must be submitted to the Research Committee of the Faculty by the latest mid-June of the second year of study
- G.58.4** If in the opinion of the Senate, a candidate is able to give evidence of existing relevant qualifications, or equivalent training and experience gained at another recognized institution, (s) he may, on recommendation of the Faculty Board, be exempted from attendance of Part I (complete or partial) of the prescribed programmes and may proceed to Part II on such conditions, if any, as Senate may determine.

### **G.59 PROGRESS RULES**

Registration for the following year of study will be recommended only if all the required modules for the current year have been completed and passed and if the supervisor in his/her opinion recommends that adequate progress has been made during the current year.

### **G.60 RENEWAL OF REGISTRATION**

The renewal of registration will be governed by the Rule A.4, as stipulated in the University Calendar: General Information Part 1.

## G.61 DISCIPLINES

The Master of Dental Surgery programme is offered in the following specialisation areas:

- Community Dentistry
- Maxillofacial & Oral Surgery
- Oral Pathology
- Orthodontics
- Prosthodontics
- Oral Medicine and Periodontics

## G.62 CURRICULUM

### G.62.1 Master of Dental Surgery in Community Dentistry

Year	Modules Name / Activities	Alpha Code	Cred
1	Introduction to Dental Public Health	DPH811	20
	DPH Cases 1-6	DPH821	20
	Measuring Health & Disease 2	SPH713	20
	DPH Cases 7-10	DPH831	20
	Academic Placement	DPH841	20
	<b>Sub-total</b>		<b>100</b>
2	Research Methods	RMT811	20
	Measuring Health & Disease 3	SPH813	20
	Behavioural Science & Dentistry	DPH812	20
	Field Placement 1	DPH822	30
	Academic Placement 2	DPH842	20
	<b>Sub-total</b>		<b>110</b>
3	Health Management 2	SPH714	20
	Health Human Resources	SPH727	20
	Health Economics	DPH813	20
	Field Placement 2	DPH823	30
	Academic Placement 3	DPH824	30
	Selective 1		20
<b>Sub-total</b>		<b>140</b>	
4	Selective 2		20
	Field Placement 3	DPH837	30
	Field Placement 4	DPH838	30
	Academic Placement 4	DPH834	20
	Mini-thesis	DNT803	70
	Applied Dental Public Health	DPH839	30
<b>Sub-total</b>		<b>200</b>	
	<b>TOTAL</b>		<b>550</b>

### Compilation of Final Mark

Year	Weighting	}	Coursework Total	}	Final Mark
1	20%		Coursework (60%)		
2	20%				
3	20%				
4	20%				
Final Exam	20%	}	Thesis/Research Report	(40%)	

### G.62.2 Master of Dental Surgery in Maxillofacial & Oral Surgery

Year	Modules Name / Activities	Alpha Code	Cred
1	Oral Biology	ORB811	15
	Anatomy	ANA811	15
	Physiology	PSE811	15
	General Pathology	PAT811	15
	MFOS	MFO811	80
	<b>Sub-total</b>		<b>140</b>
2	Oral Biology	ORB811	See Year 1
	Anatomy	ANA811	See Year 1
	Physiology	PSE811	See Year 1
	General Pathology	PAT811	See Year 1
	MFOS	MFO812	100
	Oral Pathology including MF Radiology	PAT813	See year 3
	Principles of General Surgery	SUR812	See Year 3
Research Methods 811	RMT811	20	
	<b>Sub-total</b>		<b>120</b>
3	MFOS	MFO813	20
	Oral Pathology, including MF Radiology	PAT813	40
	Principles of General Surgery	SUR812	40
	<b>Sub-total</b>		<b>100</b>
4	MFOS	MFO814	100
	Dentistry Mini-Thesis	DNT803	70
	<b>Sub-total</b>		<b>170</b>
5	MFOS	MFO815	100
		<b>Sub-total</b>	<b>100</b>
	<b>TOTAL</b>		<b>630</b>

### G.62.3 Master of Dental Surgery in Oral Medicine and Periodontics

Year	Modules Name / Activities	Alpha Code	Cred
1	Anatomy (capita selecta)	ANA823	15
	Physiology (capita selecta)	ANA824	15
	Oral Biology	ORB811	15
	General Pathology	PAT812	See Year 2
	Oral Medicine & Periodontics 1	OMP811	60
	<b>Sub-total</b>		<b>105</b>
2	General Pathology	PAT812	15
	Oral Medicine & Periodontics 2	OMP812	80
	Anatomy (capita selecta)	ANA823	See Year 1
	Physiology (capita selecta)	ANA824	See Year 1
	Oral Biology	ORB811	See Year 1
	Research Methods 811	RMT811	20
	<b>Sub-total</b>		<b>115</b>
3	Oral Pathology and Radiology (Diagnostic level) for MFOS	PAT813	40
	Oral Medicine & Periodontics 3I	OMP813	100
	<b>Sub-total</b>		<b>140</b>
4	Oral Medicine & Periodontics 4	OMP814	80
	Mini-Thesis	DNT803	70
		<b>Sub-total</b>	<b>150</b>
	<b>TOTAL</b>		<b>510</b>

### G.62.3.1. Assessment

Final examination (Course work)		75%
•Written examination	35	
•Assessment of Portfolio	15	
•Structured Oral examination	25	
Mini-thesis (Partial fulfilment for degree)		25%
Final Mark		100%

### G.62.4. Master of Dental Surgery in Orthodontics

Year	Modules Name / Activities	Alpha Code	Cred
1	Oral Biology (Incl. Anat. & Physiol.)	ORB821	30
	Removable Appliances	ORT811	10
	Pre-clinical Orthodontics	ORT821	20
	Academic Placement 1	ORT812	15
	Orthodontic Seminars 1	ORT841	20
	Clinical Orthodontics 1	ORT851	25
	<b>Sub-total</b>		<b>120</b>
2	Research Methods	RMT811	20
	Academic Placement 2	ORT815	20
	Orthodontic seminars 2	ORT822	30
	Clinical Orthodontics	ORT832	50
	<b>Sub-total</b>		<b>120</b>
3	Academic Placement 3	ORT813	20
	Orthodontic seminars 3	ORT823	30
	Clinical Orthodontics 3	ORT833	50
	<b>Sub-total</b>		<b>100</b>
4	Academic Placement 4	ORT834	20
	Orthodontic seminars 4	ORT814	40
	Clinical orthodontics 4	ORT824	40
	Dentistry Mini-thesis	DNT803	70
		<b>Sub-total</b>	
	<b>TOTAL</b>		<b>510</b>

### G.62.4.1 Assessment

<b>Evaluation Component</b>	<b>Value</b>
<b>Coursework Mark</b>	<b>50%</b>
Clinical work	
Seminars	
Case Discussions	
<b>Examination Mark</b>	<b>25%</b>
Written paper	
Case/ Portfolio presentation	
<b>Thesis Mark</b>	<b>25%</b>
Average mark given by all examiners and supervisors	
<b>Final Mark</b>	<b>100%</b>

### G.62.5 Master of Dental Surgery in Oral Pathology

Year	Modules Name / Activities	Alpha Code	Cred
1	Histology for Anatomical Pathology	ORP811	15
	Molecular Pathology	ORP821	10
	Anatomical Path & Morbid Anatomy incl Cytopathology	ORP831	90
		<b>Sub-total</b>	<b>115</b>
2	Anatomical Path & Morbid Anatomy incl Cytopathology	ORP822	90
	Introduction to Laboratory and Clinical Pathology (rotation)	ORP832	30
	Research Methods 811	RMT811	20
		<b>Sub-total</b>	<b>140</b>
3	Oral Biology	ORB811	15
	Oral Microbiology and Immunology	ORM813	15
	Diagnostic Oral and Maxillofacial Pathology	ORP823	50
	Clinical Oral Pathology (rotation)	ORP833	10
	Forensic Odontology (rotation)	FOR813	10
	<b>Sub-total</b>	<b>100</b>	
4	Diagnostic Oral and Maxillofacial Pathology	ORP814	60
	Clinical Oral Pathology (rotation)	ORP824	10
	Forensic Odontology (rotation)	FOR814	10
	Dentistry Mini-thesis	DNT803	70
		<b>Sub-total</b>	<b>150</b>
	<b>TOTAL</b>	<b>505</b>	

### G.62.6 Master of Dental Surgery in Prosthodontics

Year	Modules Name / Activities	Alpha Code	Cred
1	Oral Biology (Incl. Anatomy & Physiology)	ORB821	30
	Prosthodontics 1	PRS811	90
		<b>Sub-total</b>	<b>120</b>
2	Oral Pathology	PAT811	15
	Periodontics and Periodontal Aspects of Implantology	PER812	15
	Radiology	RAD812	5
	Prosthodontics 2	PRS812	65
	Research Methods	RMT811	20
	<b>Sub-total</b>	<b>120</b>	
3	Prosthodontics 3	PRS813	120
	<b>Sub-total</b>	<b>120</b>	
4	Prosthodontics 4	PRS814	80
	Dentistry Mini-thesis	DNT803	70
		<b>Sub-total</b>	<b>150</b>
	<b>TOTAL</b>	<b>510</b>	

#### G.62.6.1 Assessment

PRS 814 Prosthodontics 4 (80 credits): 75%  
DNT803 Dentistry Mini-thesis (40 credits): 25%

Continued Evaluation		Mini-thesis	Final examination			
Logbook (including flagship cases)	Assignments		Paper 1	Paper 2	Clinical case	Oral
30%	20%	25%	20%	20%	30%	30%
			25%	25%		