

# **BACHELOR OF DENTAL SURGERY (5101)**

## **G.1 ADMISSION**

Unless Senate decides otherwise, candidates will be required to meet the following criteria to be enrolled for the degree: **Bachelor of Dental Surgery - BDS**

### **G.1.1 Admission requirements for applicants who matriculated from 2008**

- (a) The National Senior Certificate for Bachelor's Degree study plus a score of no less than 40 points calculated according to the University's approved points system, as well as the following specific subject requirements:
- level 4 (50-59%) in English (home or first additional language) and
  - level 3 (40-49%) in Another Language (home or first additional language) and
  - level 4 (50-59%) in Mathematics and
  - level 4 (50-59%) in Physical Science and
  - level 4 (50-59%) in Life Science

**OR**

- (b) A qualification or level of competence which the Senate of the University has deemed to be equivalent to the requirements stipulated in (a) and (b) above.

### **G.1.2 Admission requirements for applicants who matriculated before 2008**

- (a) A Matriculation Exemption Certificate with the following subject requirements:
- HG (40%, E symbol) Mathematics or
  - SG (50%, D symbol) Mathematics and
  - HG (40%, E symbol) Biology or
  - SG (50%, D symbol) Biology and
  - HG (40%, E symbol) Physical Sciences or
  - SG (50%, D symbol) Physical Sciences

**OR**

- (b) A qualification or level of competence which the Senate of the University has deemed to be equivalent to the requirements stipulated in (a) and (b) above.

### **G.1.3 Alternate admission requirements for applicants according to Recognition of Prior Learning (RPL)**

Students who completed the NSC in 2008 or thereafter, but have not obtained endorsements, will be considered for alternative admission after the age of 23. Such candidates will be required to complete a RPL portfolio development course and submit to a process where relevant learning and/or experience will be assessed.

Candidates who are 23 or older and do not have a matriculation certificate or NSC, but who might have obtained other qualifications or experience that may be deemed to be equivalent to admission criteria for particular study programmes, will also be required to complete a RPL portfolio development course or an RPL portfolio process as agreed and to submit to a process where such learning, qualification and/or experience will be assessed.

## G.2 SELECTION

**G.2.1** As only a limited number of students can be admitted to the programme, applicants will be subject to a selection procedure.

**G.2.2** Students from other universities who have failed the BDS I (or its equivalent) and who will not be allowed at the universities concerned to proceed with the study of Dentistry, will similarly not be admitted into the BDS programme at this university.

## G.3 DURATION

Unless Senate decides otherwise the duration for the degree shall extend over five years full-time study.

## G.4 CURRICULUM

### G.4.1 Study Level 1

<b>Module Name</b>	<b>Alpha Code</b>	<b>Cred</b>
<b>1st Semester (select all)</b>		
Chemistry for Dentistry 118	CHE118	15
Life Sciences 141	LSC141	15
Physics for Dentistry 113	PHY113	15
Primary Health Care 111	HDP111	5
<b>2nd Semester</b>		
<b>Group 1 (select all)</b>		
Human Biology 105	HUB105	40
<b>Group 2 (select 1 module)</b>		
Introduction to Xhosa (Dent) 120	XHO120	10
Introduction to Afrikaans (Dent) 120	AFR120	10
<b>Year Courses (select all)</b>		
*Clinical Dentistry I	CLD100	15
Academic Literacy for Dentistry 100	ALD110	10
	<b>Sub-total</b>	<b>125</b>

### G.4.2 Study Level 2

<b>Module Name</b>	<b>Alpha Code</b>	<b>Cred</b>
<b>1st Semester (select all)</b>		
Human Biology 205	HUB205	40
Oral Biology 210	OBI210	25
*Pre-clinical Periodontic Techniques 211	PPT211	10
<b>2nd Semester (select all)</b>		
Basis of Disease Process 220	BDP220	15
Interdisciplinary Health Promotion 111	HPD111	10
Radiation Physics 220	RAP220	5
*Non-invasive Restorative Techniques 220	NRT220	10
*Radiographic Techniques 200	RAT200	5
Basic Dental Materials 200	BDM200	5
*Prosthetics Techniques 200	PRT200	10
<b>Year Courses (select all)</b>		
*Clinical Dentistry II	CLD200	30
	<b>Sub-total</b>	<b>165</b>

### G.4.3 Study Level 3

Module Name	Alpha Code	Cred
<b>1st Semester (select all)</b>		
Prin. of Medicine and General Surgery (MFOS) 310	PMG310	15
Systemic Pathology 310	PAT310	10
*Invasive Restorative Techniques 310	IRT310	10
<b>2nd Semester (select all)</b>		
Basic Orthodontics III	ORT320	10
Measuring Health and Disease 320	MHD320	10
Social Sciences and Dentistry 320	SSD320	10
<b>Year Courses (select all)</b>		
Dental Pharmacology 305	PCL305	20
*Oral Medicine and Periodontology I	OMP300	20
*Maxillofacial and Oral Surgery I	MFS300	10
*Dental Materials 300	DMT300	10
*Conservative Dentistry I	CON300	15
*Dental Prosthetics I	PRO300	15
*Radiographic Techniques 300	RAT300	5
Medical Microbiology for Dentistry 355	MIC355	20
	<b>Sub-total</b>	<b>180</b>

### G.4.4 Study Level 4

Module Name	Alpha Code	Cred
<b>1st Semester (select all)</b>		
Prevention 410	PRE410	10
<b>Year Courses (select all)</b>		
*Oral Medicine and Periodontology II	OMP400	20
Anaesthesiology and Sedation 400	ANS400	10
*Maxillofacial and Oral Surgery II	MFS400	20
*Conservative Dentistry II	CON400	15
*Endodontics 400	END400	10
*Diagnostics and Radiology 400	RAD400	10
Oral Pathology 400	OPA400	20
*Paediatric Dentistry and Techniques 400	PED400	15
*Orthodontics I	ORT400	20
*Prosthetic Dentistry II	PRO401	25
Dental Research 410	DRE410	5
*Advanced Dental Materials 400	AMD400	10
	<b>Sub-total</b>	<b>190</b>

### G.4.5 Study Level 5

Module Name	Alpha Code	Cred
<b>1st Semester (select all)</b>		
Health Systems 500	HSY500	10
Ethics 521	ETH521	5
*Advance Restorative Techniques 510	ART510	10
*Advanced Removable Prosthetics 511	PRO511	10
*Paediatric Dentistry V	PED511	10
*Clinical Orthodontics 511	ORT511	10
*Conservative Dentistry III	CON511	15
*Maxillofacial and Oral Surgery III	MFS511	10
*Oral Medicine and Periodontology III	OMP511	10
*Implants 500	IMP500	5

## 2nd Semester (select all)

Practice Management 500

\*Clinical Dentistry V

PRM500

CLD512

**Sub-total**

**TOTAL**

5

80

**180**

**840**

### G.5 ASSESSMENT

**G.5.1** Assessment is governed by Rule A.5 as stipulated in the University Calendar: General Information Part 1.

**G.5.2** Senate Discretionary Assessment as per Rule A.5.2.8 will only be awarded in cases where a student owes no more than one module to complete the programme or to promote to the next level of study.

**G.5.3** For a student to be admitted to the final examination in all clinical modules:

**G.5.3.1** The student must obtain at least 50% in the clinical component of the coursework assessment and

**G.5.3.2** Students must meet the minimum requirements as stipulated in the module guides.

### G.6 PROMOTION RULES

Notwithstanding any provisions to the contrary and unless Senate decides otherwise:

#### G.6.1 Study Level 1

**G.6.1.1** To continue with the second semester modules in Human Biology, the student must have passed the first semester modules in Life Sciences 141 (LSC141), Physics (PHY113) and Chemistry (CHE118).

**G.6.1.2** To qualify for promotion to BDS II a student must pass all the modules prescribed for BDS I. However, a maximum of 10 credits from first year modules may be carried while a student commences with second year modules. The modules that may be carried are Primary Health Care, Academic Literacy, Xhosa and Afrikaans, subject to the 10 credit proviso.

#### G.6.2 Study Level 2

**G.6.2.1** To continue with the second semester module in Basis of Disease Processes, the student must have passed the first semester module in HUB205.

**G.6.2.2** To qualify for promotion to BDS III, a student must pass all the modules prescribed for BDS II. However, a maximum of 10 credits from second year modules may be carried while a student commences with third year modules. The modules which may be carried are Interdisciplinary Health Promotion and Radiation Physics, subject to the 10 credit proviso.

#### G.6.3 Study Level 3

**G.6.3.1** To qualify for promotion to BDS IV, a student must pass all the modules prescribed for BDS III.

**G.6.3.2** However, a maximum of 15 credits from first semester modules of the third year may be carried into the second semester of the third year. The module that may be carried is Principles of Medicine & General Surgery, subject to the 15 - credit proviso.

**G.6.3.3** However, a maximum of 10 credits from 3<sup>rd</sup> year modules may be carried when a student commences with 4<sup>th</sup> year. Modules that may be carried are Measuring Health and Disease, Social Sciences and Dentistry, subject to the 10 credit proviso.

#### **G.6.4 Study Level 4**

**G.6.4.1** To qualify for promotion to BDS V, a student must pass all the modules prescribed for BDS IV.

**G.6.4.2** However, a maximum of 10 credits from fourth year modules may be carried while a student commences with fifth year modules. The modules that may be carried are Prevention and Dental Research, subject to the 10 credit proviso.

#### **G.6.5 Study Level 5**

To continue with the 2<sup>nd</sup> semester module CLD512, the student must have passed the prescribed first semester modules viz CON511, OMP511, MFS511, PED511, PRO511 and ORT511.

Students who do not qualify to register for CLD512 must continue with the module for non-credit purposes. In order to fulfill the requirements for completion of the BDS degree, a student must have passed all the prescribed modules from first to fifth year.

### **G.7 ADVANCE REGISTRATION**

There are no advance registration rules for this programme.

### **G.8 RENEWAL OF REGISTRATION**

**G.8.1** The renewal of registration will be governed by the Rule A.3.2.3, as stipulated in the University Calendar: General Information Part 1 unless otherwise stated in the Faculty rules.

**G.8.2** The following conditions will also apply to the renewal of registration in this programme:

**G.8.2.1** A student who does not qualify to continue with the second semester of the 1<sup>st</sup> level of study will have to re-apply for admission the following year.

**G.8.2.2** A student who does not qualify for promotion to the 2<sup>nd</sup> level of study will have to re-apply for admission the following year. However, if the student has obtained more than 50% of the first year credits, re-admission will be automatic.

### **G.9 SPECIAL REQUIREMENTS FOR THE PROGRAMME**

**G.9.1** When repeating the 1<sup>st</sup> level of study, a student may retain credits for first year modules previously passed except for Clinical Dentistry I (CLD100) or have the option to write the examination again if they want to improve their marks. For Clinical Dentistry 1 (CLD100), a student must satisfy the attendance requirements, assessments and clinical component and obtain a 55% coursework mark.

**G.9.2** A student who does not qualify for promotion to the third year may retain credits for Interdisciplinary Health Promotion, Radiation Physics, Human Biology 205, Oral Biology and Basis of Disease Processes.

**G.9.3** A student who does not qualify for promotion to the fourth year may retain credits for Pharmacology, Systemic Pathology, Principles of Medicine and General Surgery,

Measuring Health and Disease, Social Sciences and Dentistry and Medical Microbiology for Dentistry.

- G.9.4** A student who does not qualify for promotion to the fifth year may retain credits for Prevention, Dental Research, Anaesthesiology and Sedation and Oral Pathology.
- G.9.5** A student who fails the 5th level of study may retain credits for Health Systems, Ethics, and Practice Management.
- G.9.6** A student who repeats a year (level 1-5) must repeat all the clinical modules indicated with an asterisk\* and will retain credit for a module already passed if:
- (a) the student repeats the modules in the subsequent year,
  - (b) the student complies with the attendance requirements of the module,
  - (c) the student obtains a coursework of 55% in the module,
  - (d) the student obtains a 50% in the clinical component of the module
- G.9.7** A student who repeats a year (level1 - 5) must repeat all the pre-clinical modules indicated with an asterisk\* and will retain credit for a module already passed if:
- (a) the student repeats the modules in the subsequent year,
  - (b) the student complies with attendance requirements of the module,
  - (c) the student obtains a coursework of 55% in the module
- G.9.8** Every student in the Faculty of Dentistry must, in accordance with the requirements of the Health Professions Council of South Africa, register as a dental student within two months after admission to the Faculty as well as after completion of the degree. Full particulars are available from the Faculty Officer.
- G.9.9** All graduates have to complete one year of compulsory community service after completing the degree.
- G.9.10** It is compulsory for all 1st year students to submit proof of **Hepatitis B vaccination** to the Faculty Office before the commencement of the second semester.
- G.9.11** Attendance at all lectures, practicals, clinical sessions, seminars, etc. is compulsory. Students who do not comply with at least an 80% attendance figure will be allocated an incomplete coursework mark and will not be allowed to sit for the final examination in the subject concerned. Every lecture is regarded as preparation for the clinical work that is to follow.

#### **G.9.12 Instrumentation**

It is compulsory for all second year BDS students to purchase their own instruments in certain departments. The departments will issue a list of these instruments. At the end of each academic year students will have to return all instruments issued to them.

Students who have lost instruments will have to replace the instruments. Those students who do not return the instruments will not be allocated a year mark. Their registration for the following year will also not be affected.

#### **G.9.13 Clinical Attire**

Students are responsible for their own white coats / jackets and for the protective eyewear required during clinical and laboratory sessions.