University of Pretoria Yearbook 2021

BChD (10136001)

Department	Dentistry General
Minimum duration of study	5 years
Total credits	1038
NQF level	08

Programme information

NB: Selection of candidates takes place prior to admission.

The General Regulations are applicable to bachelor's degrees.

Each student in Dentistry must apply to the Registrar of the Health Professions Council of South Africa for registration as a student in Dentistry, within two months after the commencement of the first year of study. Students, who have been granted exemption from the first or second year of study, must also comply with the registration requirements.

NOTE: For students who registered for the BChD degree programme prior to 2014, the relevant regulations as they appear in the 2013 Yearbook will be applicable.

Admission requirements

- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; a candidate who is a graduate of another Faculty at the University of Pretoria; and a candidate who is currently studying at a university.
- Admission to Health Sciences programmes is subject to a selection process.
- Grade 11 final examination results will be used for the conditional selection of prospective students.
- For selection purposes, the sum of the results in six subjects, including English, Mathematics and Physical Sciences, is calculated.
- Life Orientation is excluded in the calculation of the Admission Point Score (APS).
- **Candidates should note that their conditional admission will be revoked if their APS drops by more than two points in their final school examination results.**
- PLEASE NOTE that compliance with the minimum admission requirements does not guarantee admission to any programme in this Faculty.
- Selection queries may be directed to click here
- A student who is made an offer but does not accept it cannot defer the offer and must reapply to be considered in the following year.

Transferring students (university experience)

- The applications of students who are studying towards a tertiary qualification or have obtained a tertiary

qualification must meet the following requirements regarding school subjects and performance levels: They must be in possession of an NSC for degree studies/full exemption certificate and must have attained a performance level of 5 (or 50% HG if completed prior to 2009) for Mathematics and Physical Sciences (or Life Sciences, if required).

- If the subjects were not passed in Grade 12, the equivalent subjects (Physics, Chemistry and Mathematics) must be completed at the tertiary level. University students do not have to submit any non-academic performance record or CV. In their case selection is based on the results attained in the qualification(s) previously completed, ie they will be considered on the basis of their results achieved in higher education.
- The completion of only a three-year diploma or certificate is not considered as university experience, but will be considered in the school-leaver category and admission will be based on the applicant's Grade 12 results.

Qualifications from countries other than South Africa

- A limited number of places are made available to citizens from countries other than South Africa, with those from SADC countries being given preference. Permanent residents of RSA are not categorised as foreign students. Applications from citizens from countries other than South Africa may also be considered if they are:
  - citizens or permanent residents of countries which have relevant government to government agreements with South Africa
  - asylum seekers or refugees

University of Pretoria website: click here

Minimum requirements Achievement level English Home Language or English First Additional Language		**Mathematics**		**Physical Sciences**		**APS**
NSC/IEB	AS Level	NSC/IEB	AS Level	NSC/IEB	AS Level	
5	C	6	B	5	C	**35**

* Cambridge A level candidates who obtained at least a D in the required subjects, will be considered for admission. Students in the Cambridge system must offer both Physics AND Chemistry with performance at the level specified for NSC Physical Sciences in the table above.

* International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission. Students in the IB system must offer both Physics AND Chemistry with performance at the level specified for NSC Physical Sciences in the table above.

Note: If you accepted admission to BSc (Biological Sciences) with the intention to apply for MBChB or BChD in the second semester, when places become available in these programmes, you may register for BSc (Biological Sciences) modules in the first semester, replacing Mathematics (WTW 134) with Science and World Views (FIL 155), People and their Environment (MGW 112) and Medical Terminology (MTL 180) - provided that you have an APS of at least 35 and a minimum of 70% for Mathematics in the final NSC or equivalent qualification.

Additional requirements

a. Candidates are not allowed to complete their first year of study at another university.
b. In terms of the selection procedure, candidates must pass English, Mathematics and Physical Science with at

least a 5 rating code (60%- 69%), and achieve an APS of at least 35, in order to be considered for selection and/or admission.

c. At the conclusion of the selection process, candidates are informed in writing regarding the outcome.
d. Admission of foreign students to the BChD degree programme is limited to one annually. Only applications of candidates from SADC countries are accepted.
e. School-leaving candidates with no previous tertiary exposure, who have not been admitted to the first year of study for the BChD degree programme may register for the BSc degree programme in medical sciences or biological sciences at the University, provided that they comply with the admission requirements for the programme in question. A candidate who completes the first semester of such a degree programme successfully, may apply to be considered for admission to the second semester of BChD I on the grounds of this achievement. If successful, the student may be admitted to the second semester of BChD I.

Other programme-specific information

Note:

i. A new curriculum is being phased in for the programme. The first year of study will be followed for the first time in 2014, the second year in 2015, the third year in 2016, the fourth year in 2017 and the fifth year in 2018.
ii. The total credits and regulations for the degree programme in this publication are applicable to the new curriculum being phased in.
iii. In 2017 the fifth year of study will still be followed according to the old curriculum.
iv. Students who fail a year in the existing curriculum immediately prior to the year of the implementation of the revised curriculum will have to repeat all the modules for that particular year in the revised curriculum.
v. The total credits and regulations for the old curriculum appear in the 2013 Yearbook and are applicable for students who registered for the BChD degree programme prior to 2014.

Types of modules
Please take note of the different categories of modules in this degree.

First year of study
First semester
Examination modules
CMY 151 Chemistry 151
FIL 155 Science and world views 155
MGW 112 People and their environment 112
MLB 111 Molecular and cell biology 111
PHY 131 General physics 131
MTL 180 Medical terminology 180

Second semester
Examination modules
SEP 110 Sepedi 110

Promotion modules
GNK 188 Anatomy 188
IDE 180 Integrated dentistry 180
POH 170 Public oral health 170

- Apart from the examination modules mentioned above, the following compulsory academic information

management module must also be passed during the first semester of the first year of study: AIM 101.
- All new first-year students at the University must write an academic literacy test. On the grounds of the outcome of this test, students will either be exempted from the following academic literacy modules, or if they have failed the test mentioned above, will be required to pass in the relevant modules: ELH 111 and 112
- The first semester of the year module PHY 181 is the same as PHY 131.
- Students are exempted from the language module(s) on the basis of the successful completion of a language proficiency test at the beginning of the year.

Second year of study

First semester

Examination modules

AFR 111 Afrikaans 111
GPS 280 Generic procedural skills 280
GNK 289 Anatomy 289

Promotion Modules

FSG 280 Physiology 280
MDB 280 Oral biology 280
IDE 280 Integrated dentistry 280
POH 280 Public oral health 280
GOM 270 General and oral microbiology 270

Examination modules

FSG 280 Physiology 280
GNK 286 Basic emergency care 286
MDB 280 Oral biology 280
ZUL 110 IsiZulu 110
GOM 270 General and oral microbiology 270

Promotion modules

IDE 280 Integrated dentistry 280
POH 280 Public oral health 280
ODO 270 Odontology 270
PRD 270 Prosthodontics 270

Third year of study

Examination modules

TGG 380 Applied medicine 380
FAR 370 Pharmacology 370
ANP 380 Anatomical pathology 380
PRD 380 Prosthodontics 380

Promotion modules

TBW 370 Comprehensive patient management 370
ODO 380 Odontology 380
PDL 380 Periodontology 380
ORD 380 Orthodontics 380
OFC 370 Orofacial surgery 370

RAD 380 Diagnostic imaging 380
POH 370 Public oral health 370
GPS 370 Generic procedural skills 370

Fourth year of study

Examination module

TMZ 470 Anaesthesiology 470
RAD 480 Diagnostic imaging 480
POH 470 Public oral health 470

Promotion modules

ODO 470 Odontology 470
PDL 480 Periodontology 480
ORD 480 Orthodontics 480
OFC 470 Orofacial surgery 470
PRD 470 Prosthodontics 470
MFP 480 Maxillo-facial pathology 480
TBW 480 Comprehensive patient management 480

Fifth year of study

Attendance modules

RAD 580 Diagnostic imaging 580
POH 570 Public oral health 570

Examination modules

ODO 570 Odontology 570
PDL 570 Periodontology 570
ORD 580 Orthodontics 580
OFC 570 Orofacial surgery 570
PRD 580 Prosthodontics 580
MFP 580 Maxillo-facial pathology 580
TBW 580 Comprehensive patient management 580

Requirements for admission to specific modules

A student who has:

a. obtained at least 50% in the final Grade 12 examination in Mathematics as well as in Physical Science, will be admitted to Molecular and cell biology (MLB 111), and a module in the subjects Chemistry, Physics, Zoology and Entomology, Genetics, Microbiology or Botany;
b. obtained at least 50% in the final Grade 12 examination in Mathematics as well as in Physical Science, will be admitted to a module in Radiation Physics (RFI);
c. obtained at least 50% in the final Grade 12 examination in either Physical Science or Life Sciences, will be admitted to modules in Occupational Therapy and Therapeutic Media;
d. obtained at least 60% in the final Grade 12 examination in Mathematics, will be admitted to the module WTW 158 in Mathematics; and
e. obtained at least 50% in the final Grade 12 examination in Mathematics, will be admitted to the module WTW 134 in Mathematics.

Examinations and pass requirements

Passing an Examination module

A. A **module year mark** is calculated from the continuous evaluation opportunities during the course of the presentation of the module in question, according to a prescribed assessment plan, described in the module study guide. These evaluations shall include one or more of the following:

i. Evaluations of competencies relating to cognition and application of knowledge.
ii. Evaluations relating to clinical competencies (function effectively as oral physician which entails a consultation with patient, information gathering, problem identification, diagnostic reasoning, decision making, treatment- planning, implementation and procedural skills).
iii. Continuous evaluation of competency relating to the integration of all graduate attributes/roles as oral health physician. (Role as an Ethical and Social responsive Professional/, Communicator, Collaborator/Team player, Scholar/Lifelong learner, Advocate/Promotor and Leader/Manager).
iv. A final comprehensive examination moderated by external examiners.
v. The final module mark of an examination module is calculated from the module examination (first examination) mark and the module year mark. The formula according to which the final module mark is calculated will be set out in the study guide and communicated to students at the commencement of the module.
vi. A student who obtains a final mark of 50% will pass the examination module. A student who obtains between 40-49% as final mark in an examination module is admitted to a supplementary (second) assessment. Should he or she fail the supplementary assessment, the year has to be repeated. A student who obtains a final mark of less than 40% has to repeat the year.
vii. As a rule, the second examination (supplementary) in question will take place in November/ December of the same year, or in January of the following year. A minimum of 50% is required in order to pass the second (supplementary) examination.

B. Students may exercise the option to have the year mark of exit examination modules (as listed)* at the end of the year validated as the final module mark for the module in question (i.e. they are exempted from the module examination for this module), provided that they comply with the following requirements:

1. Evidence of programmatic assessment presenting the accumulation of sufficient data points to ensure the continuous assessment is valid and reliable.
2. The abovementioned module mark is more than 60%.
3. Proven attendance of all applicable and required module-specific activities, namely:

- All tests/continuous evaluations.
- All practical and clinical competency activities.
- All relevant laboratory skill activities.
- All relevant community-based education activities (outreach activities).
- All clinical co-assistant activities.

4. A pass mark of 50% in the clinical competency assessment.
5. Attendance of the module in question from commencement of the module.
6. No conviction by the Faculty Preliminary Disciplinary Committee (Student offences), of any form of dishonesty or fraud.

*Exit modules:
RAD 470, POH 470, ODO 570, PDL 570, PRD 570, ORD 570, OFC 570, MFP 570 & TBW 570.

Passing a Progression module

A student who obtains a year mark of 50% will pass the progression module.

Repeating modules (and thus the year of study)

i. Students must pass all the modules of a particular year of study in order to be admitted to the next year of study.
ii. Students who repeat the first or second year of study are exempted from the examination modules which have been passed in the unsuccessful year. The examination moderating meeting, in conjunction with the Dean/Chairperson of the School of Dentistry, retains the right to only award a pass mark in the said modules, if the student complies with the following requirements regarding those modules:

- That the mark awarded to the relevant module was not awarded on the grounds of condonation;
- That the contents of the module in the ensuing year correspond with the contents of the module concerned.

iii. In order to comply with the requirements for (ii) above, the extent of involvement of students in successfully completed progression modules is determined by the relevant module chairperson, at the commencement of the year, and agreed with the student(s) concerned and communicated with the student(s) concerned in the module study guide or per letter. Students will however not have to register for modules already passed. A certificate of satisfactory preparation and maintenance of competency, must be obtained in the year of repetition in all attendance, progression and examination modules with a clinical/practical component already passed, in order to maintain a specific level of cognitive, psychomotor and affective skills.

Examinations and pass requirements, sub minima and continuous assessment mark

i. A student is admitted to an examination in a module only if he or she has prepared him- or herself satisfactorily through the proper execution of the work, and subject to other faculty stipulations has obtained a semester/year mark of at least 40%, provided that for all first-semester modules at the 100-level a student must obtain a semester mark of at least 30% in order to be admitted to the examination in the module(exit modules are excluded). Any other requirements for admission to the examination are set out in the study manuals. A final mark of at least 50% is required to pass.

ii. **Subminimum**:

A subminimum of 50% is required regarding cognition (knowledge and application of knowledge) of an assessment, with a subminimum level of competency of 50% in the clinical (cognitive, diagnostic and procedural and affective skills) component of a module. There may also be a subminimum for a subsection (units) of a module. At the beginning of the academic year, the relevant Head of a Department informs the students of the subminimum level of competency required in subsections of the modules offered by the Department in question. This information is also published in the study guide.

iii. **Continuous assessment mark:**

- A student obtains marks for practical and clinical work, for tests and also for assignments completed demonstrated during the course of an academic year.
- A student who repeats a year of study and who must acquire certificates of satisfactory preparation in failed modules must comply with all the requirements set by the relevant head of Department.

iv. **Supplementary assessment for Progression modules**

A student who obtains between 40-49% as year mark in progression modules, is admitted to a supplementary examination. Should he or she fail this supplementary examination/promotion test, the year

has to be repeated. When a year of study has to be repeated, the student retains credit for the examination modules passed. Consult Reg. D.1 (e) regarding the certificate of satisfactory preparation and progress, which must be obtained in the year of repetition in all progression modules already passed, as well as the extent of student involvement regarding progression modules already passed, in order to maintain a specific level of clinical/practical skills.

v. **Examinations in the fifth year of study**

A student who has failed the clinical part of any module in the final examination of the fifth year, will be required to repeat that module. The period which must elapse before the student may again sit an examination, is determined by the Chairperson of the School, on the recommendation of the examination moderating committee. A student who repeats a module, must obtain certificates of satisfactory maintenance of competency in all the other modules that he/she has passed.

vi**. Supplementary examination in the written part of a module in the fifth (final) year**
A student who has failed the written part of any module (maximum two modules) or any subsection thereof in the final examination in the fifth year, will be admitted to a supplementary examination in that part of the module. A student who fails the supplementary examination will be required to repeat the module and may sit an examination at the end of the ensuing semester, but must obtain certificates of satisfactory maintenance of competency in all the other modules that he/she has passed.

Promotion to next study year

Promotion to the next year of study
The stipulations of the General Regulations concerning satisfactory preparation and progress also apply to modules where a promotion test is required. Supplementary examination marks and pass marks in promotion modules are awarded according to the stipulations of the General Regulations: Provided that:

i. Promotion is based on theoretical and/or practical and/or clinical evaluation throughout the year and a minimum of 50% is required to be promoted.
ii. A student, who has obtained a year mark of less than 50% can be admitted by the examination moderating meeting to a supplementary promotion test in the relevant promotion module.
iii. Students repeating a year of study retain credit for examination modules passed, unless determined otherwise, but a certificate of satisfactory preparation and progress must be obtained in all the promotion modules.
iv. In order to comply with the requirements for (iii) and to maintain a specified level of clinical skills, the extent of involvement of students in successfully completed promotion modules is determined by the relevant module chairperson, at the commencement of the year, and agreed with the student(s) concerned.

Failed candidates/Admission to the second semester of BChD I

i. Selected first-year students, who have passed a sufficient number of prescribed first-semester modules at 100 level will, in accordance with the stipulations of the General Regulations, automatically be admitted to the second semester of the first year of study. During the second semester, the students will be admitted to an examination on an anti-semester basis in the first-semester module(s) still outstanding, if this can be accommodated in the timetable.
ii. In the School of Dentistry, a student may not repeat more semester modules than the equivalent of eight lectures per week on an anti-semester basis in the second semester.
iii. Candidates who failed BChD I, please consult points (ii) and (iii) under the Repeating modules paragraph

below.

Promotion to the next year of study

A student must pass all the modules of the relevant year of study for promotion to the next year of study (see exceptions for promotion to the second and third years of study below).

Promotion to the second year of study

A student must pass all the core modules of the first year of study for promotion to the second year of study. Students will be allowed to carry fundamental modules (AIM 111/AIM 121 and/or ELH 111/ELH 112 in the first year) over to the second year but must pass them during the second year of study in order to proceed to the third year of study.

Failed candidates

A student, who has failed a year of study for the second time before completing BChD II, is excluded from the programme and will have to apply for readmission to the second year of study. Also consult **Repeating modules (and thus the year of study)** concerning students who fail some modules of a year (and therefore the year of study).

Promotion to the third year of study

A student must pass all the core modules of the second year of study and any fundamental modules carried over from the first year of study for promotion to the third year of study. Students will be allowed to carry fundamental modules (AFR 111 and/or ZUL 110 in the second year) over to the third year of study but must pass them during the third year of study in order to proceed to the fourth year of study.

Promotion to the fourth year of study

A student must pass all the modules of the third year of study and any fundamental modules carried over from the second year of study for promotion to the fourth year of study.

Promotion to the fifth year of study

A student must pass all the core and fundamental modules of the preceding years of study for admission to the fifth year of study.

Academic exclusion from further study

i. A student following a BChD degree will only be allowed two opportunities to repeat a year of study.
ii. A student who does not comply with the abovementioned requirement but nevertheless wishes to be admitted to the School, may request the Dean/Chairperson of the School in writing, to consider his or her application for readmission in accordance with the prescribed procedure.
iii. If a student fails one or more first-year modules (and therefore is not admitted to the second year of study), such a student forfeits his or her selection and must apply again for selection with a view to admission to the first year of study.
iv. A student, who has failed a year of study for the second time before completing BChD II is excluded from the programme and must apply again for selection with a view to readmission to the second year of study.

Pass with distinction

The degree is conferred with distinction on a student who has obtained at least 65% in all the examination modules of the final year of study, with an average of at least 75% for all the modules.

Curriculum: Year 1

Minimum credits: 183

Fundamental modules

Academic information management 111 (AIM 111) - Credits: 4.00
Academic information management 121 (AIM 121) - Credits: 4.00
Academic English for Health Sciences 111 (ELH 111) - Credits: 6.00
Academic English for Health Sciences (MBChB and BChD) 112 (ELH 112) - Credits: 6.00
Academic orientation 110 (UPO 110) - Credits: 0.00

Core modules

Chemistry 151 (CMY 151) - Credits: 16.00
Science and world views 155 (FIL 155) - Credits: 6.00
Anatomy 188 (GNK 188) - Credits: 56.00
Integrated dentistry 180 (IDE 180) - Credits: 20.00
People and their environment 112 (MGW 112) - Credits: 6.00
Molecular and cell biology 111 (MLB 111) - Credits: 16.00
Medical terminology 180 (MTL 180) - Credits: 12.00
Physics for biology students 131 (PHY 131) - Credits: 16.00
Public oral health 170 (POH 170) - Credits: 5.00
Sepedi for beginners 119 (SEP 119) - Credits: 12.00

Curriculum: Year 2

Minimum credits: 202

Fundamental modules

Basic conversational Afrikaans 111 (AFR 111) - Credits: 12.00
isiZulu 119 (ZUL 119) - Credits: 12.00

Core modules

Physiology 280 (FSG 280) - Credits: 40.00
Anatomy 289 (GNK 289) - Credits: 40.00
General microbiology 270 (GOM 270) - Credits: 23.00
Generic procedural skills 280 (GPS 280) - Credits: 2.00
Integrated dentistry 280 (IDE 280) - Credits: 20.00
Oral biology 280 (MDB 280) - Credits: 24.00
Ondontology 270 (ODO 270) - Credits: 6.00
Public oral health 280 (POH 280) - Credits: 15.00
Prosthodontics 270 (PRD 270) - Credits: 3.00

Curriculum: Year 3

Minimum credits: 198

Core modules

Anatomical pathology 380 (ANP 380) - Credits: 24.00
Pharmacology 370 (FAR 370) - Credits: 8.00
Generic procedural skills 370 (GPS 370) - Credits: 5.00
Odontology 380 (ODO 380) - Credits: 39.00
Oro-facial surgery 370 (OFC 370) - Credits: 12.00
Orthodontics 380 (ORD 380) - Credits: 14.00
Periodontology 380 (PDL 380) - Credits: 9.00
Public oral health 370 (POH 370) - Credits: 4.00
Prosthodontics 380 (PRD 380) - Credits: 43.00
Diagnostic imaging 380 (RAD 380) - Credits: 14.00
Comprehensive patient management 370 (TBW 370) - Credits: 18.00
Applied medicine 380 (TGG 380) - Credits: 8.00

Curriculum: Year 4

Minimum credits: 253

Core modules

Maxillo-facial pathology 480 (MFP 480) - Credits: 31.00
Odontology 470 (ODO 470) - Credits: 63.00
Oro-facial surgery 470 (OFC 470) - Credits: 41.00
Orthodontics 480 (ORD 480) - Credits: 17.00
Periodontology 480 (PDL 480) - Credits: 12.00
Public oral health 470 (POH 470) - Credits: 6.00
Prosthodontics 470 (PRD 470) - Credits: 26.00
Diagnostic imaging 480 (RAD 480) - Credits: 21.00
Comprehensive patient management 480 (TBW 480) - Credits: 20.00
Anaesthesiology 470 (TMZ 470) - Credits: 16.00

Curriculum: Final year

Minimum credits: 218

Core modules

Maxillo-facial pathology 580 (MFP 580) - Credits: 33.00
Odontology 570 (ODO 570) - Credits: 52.00
Oro-facial surgery 570 (OFC 570) - Credits: 42.00
Orthodontics 580 (ORD 580) - Credits: 17.00
Periodontology 570 (PDL 570) - Credits: 16.00
Public oral health 570 (POH 570) - Credits: 5.00
Prosthodontics 580 (PRD 580) - Credits: 26.00
Diagnostic imaging 580 (RAD 580) - Credits: 7.00
Comprehensive patient management 580 (TBW 580) - Credits: 20.00

The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.