



# University of Pretoria Yearbook 2024

## Bachelor of Dental Surgery [BChD] (10136001)

**Department** Dentistry General

**Minimum duration of study** 5 years

**Total credits** 1052

**NQF level** 08

### Programme information

**NB:** Selection of candidates takes place prior to admission.

The General Academic Regulations G1-G15 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.

### Admission requirements

#### Important information for all prospective students for 2024

The admission requirements below apply to all who apply for admission to the University of Pretoria with a **National Senior Certificate (NSC)** and **Independent Examination Board (IEB)** qualifications. [Click here for this Faculty Brochure.](#)

#### Minimum requirements

##### Achievement level

##### English Home

##### Language or

##### English First

##### Additional

##### Language

NSC/IEB

5

##### Mathematics

NSC/IEB

6

##### Physical Sciences

NSC/IEB

5

##### APS

**35**

The suggested second-choice programme is any BSc biological sciences programme.

#### Midyear intake from BSc to BChD

A limited number of places are reserved for new first-year students in the second semester of year one. The selection for the midyear intake is based on merit.

Learners who apply in their final school year and were not selected for BChD, and who wish to apply for admission to BChD in the second semester may register for any BSc biological sciences programme with the following modules: Chemistry (CMY 151), Physics (PHY 131), Molecular and Cell Biology, Science and Worldviews (FIL 155), People and their Environment (MGW 112) and Medical Terminology (MTL 180).

**Note:** To be eligible for the midyear selection, students must have an APS of at least 35 and a minimum of 70%

for Mathematics in their final NSC or equivalent examination. Only first-year registered BSc students at UP with no previous tertiary (University, University of Technology or College) training will be considered. Students enrolled for the BSc Extended programme – Biological and Agricultural Sciences, do not qualify to apply for the midyear intake. Admission is subject to a selection process, and complying with the requirements does not guarantee admission.

Life Orientation is excluded when calculating the APS.

Applicants currently in Grade 12 must apply with their final Grade 11 (or equivalent) results.

Applicants who have completed Grade 12 must apply with their final NSC or equivalent qualification results.

Please note that meeting the minimum academic requirements does not guarantee admission.

Successful candidates will be notified once admitted or conditionally admitted.

Applicants should check their application status regularly on the UP Student Portal at [click here](#).

**Applicants with qualifications other than the abovementioned** should refer to the Brochure: Undergraduate Programme Information 2024: Qualifications other than the NSC and IEB, available at [click here](#).

**International Students:** [Click here](#)

A limited number of places are made available to citizens from countries other than South Africa (applicants who are not South African citizens), with those from SADC countries being given preference. Applicants who have multiple citizenships, including South African citizenship, will be considered to be South African.

### **Transferring students**

A transferring student is a student who, at the time of applying at the University of Pretoria (UP) is/was a registered student at another tertiary institution. A transferring student will be considered for admission based on NSC or equivalent qualification and previous academic performance. Students who have been dismissed from other institutions due to poor academic performance will not be considered for admission to UP.

**Closing dates:** Same as above

### **Returning students**

A returning student is a student who, at the time of application for a degree programme is/was a registered student at UP, and wants to transfer to another degree at UP. A returning student will be considered for admission based on NSC or equivalent qualification and previous academic performance.

- Students who have been excluded/dismissed from a faculty due to poor academic performance may be considered for admission to another programme at UP, as per faculty-specific requirements.
- Only ONE transfer between UP faculties and TWO transfers within a faculty will be allowed.
- Admission of returning students will always depend on the faculty concerned and the availability of space in the programmes for which they apply.

**Closing date for applications from returning students** is the same as the above

**Note:** Any deliberate omission of information, or false information provided by an applicant in the application may result in the immediate cancellation of the application, admission or registration

## **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

### 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 119 Sepedi 119

##### Progression 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 111 and AIM 121.
- 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

**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

**Progression 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

**Progression 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

PRD 380 Prosthodontics 380

**Fourth year of study**

**Examination module**

TMZ 470 Anaesthesiology 470

RAD 480 Diagnostic imaging 480

POH 470 Public oral health 470

**Progression 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:

- 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;
- 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);
- 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;
- obtained at least 60% in the final Grade 12 examination in Mathematics, will be admitted to the module WTW 158 in Mathematics; and
- 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:
- Evaluations of competencies relating to cognition and application of knowledge.
  - 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).
  - 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).
  - A final comprehensive examination moderated by external examiners.
  - The final module mark of an examination module is calculated from the module 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.
  - 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 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 supplementary examination 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 supplementary examination. The maximum mark awarded for the passing of a supplementary examination is 50%.

### **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. See paragraph *Promotion to the next year of study* 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. **Implications of failing the clinical part of a module**

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. There are no supplementary examinations for failed clinical components. 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 have been passed.

#### vi. **Implications of failing the written part of a module**

A student who has failed the written part of any module or any subsection thereof in the final examination in the fifth year, may be admitted to a supplementary examination in that part of the module. A student who fails the supplementary examination may 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 the student has passed, in that part of the module, based on the conditions stipulated in paragraph vii, below.

#### vii. **Conditions to qualify for supplementary examinations in the fifth (final) year.**

Students who failed more than two modules in either the clinical or written component do not qualify for supplementary examinations and have to repeat all the modules failed. The maximum number of supplementary examinations allowed in final year of study is two and can only be awarded to students who have failed the written component of one or two of such modules.

## Promotion to next study year

### **Promotion to the next year of study**

The stipulations of the General Academic Regulations concerning satisfactory preparation and progress also apply to modules where a progression test is required. Supplementary examination marks and pass marks in promotion modules are awarded according to the stipulations of General Academic Regulation G10.3: 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 progression 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 progression 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 Academic 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. During the second semester, students may follow the outstanding module(s) on an anti-semester basis and write the examination, on the condition that the modules in question are indeed presented on an anti-semester basis in the second semester by the relevant department, are not pre-requisites for the second semester modules and can be accommodated in the class and examination timetables.
- 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 119 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 one opportunity 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.

## 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% (not rounded) for all the modules.



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## Curriculum: Year 1

**Minimum credits: 181**

### 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

Introduction to the philosophy of medicine 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: 8.00

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



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## Curriculum: Year 2

**Minimum credits: 202**

### Fundamental modules

Basic conversational Afrikaans 111 (AFR 111) - Credits: 12.00

isiZulu for beginners 119 (ZUL 119) - Credits: 12.00

### Core modules

Physiology 280 (FSG 280) - Credits: 40.00

Basic emergency care 286 (GNK 286) - Credits: 5.00

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

Odontology 270 (ODO 270) - Credits: 6.00

Public oral health 280 (POH 280) - Credits: 15.00

Prosthodontics 270 (PRD 270) - Credits: 3.00



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## 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



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## 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



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## 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

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### General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

### Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

### University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.