

**FACULTIES OF THE UNIVERSITY
OF PRETORIA**

HUMANITIES

EDUCATION

NATURAL, AGRICULTURAL AND INFORMATION SCIENCES

LAW

THEOLOGY

ECONOMIC AND MANAGEMENT SCIENCES

VETERINARY SCIENCE

HEALTH SCIENCES

DENTISTRY

ENGINEERING AND THE BUILT ENVIRONMENT

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HEALTH SCIENCES

PART I

(separate publication)

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- Surgery
- Dermatology
- Pharmacology
- Physical Medicine
- Physiology
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- Internal Medicine
- Cardio-Thoracic Surgery
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PART II

(this publication)

Faculty of Dentistry

- Diagnostics and Röntgenology
- Community Dentistry
- Restorative Dentistry
- Maxillo-Facial and Oral Surgery
- Oral Pathology and Oral Biology
- Orthodontics
- Periodontics and Oral Medicine
- Prosthetics and Dental Mechanics

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**FACULTY OF DENTISTRY
ACADEMIC PERSONNEL AS ON 30 JUNE 1999**

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GENERAL INFORMATION

Admission

Any person who wishes to register at the University for the first time, or after an interruption of studies, should apply for admission.

- **Undergraduate applications**
Applications for admission to all undergraduate selection courses close on 30 June.
- **Postgraduate applications**
The closing date is 31 October of the preceding year and prospective students must contact the Head of Department beforehand to make an appointment for an interview.

Selection

A selection procedure takes place prior to admission to all undergraduate courses in this Faculty, with additional requirements for both courses as indicated below.

BChD degree:

- (a) It is not possible for candidates to complete their first year of study at other university.
- (b) A candidate who has failed any university examinations at another university, will only be considered for selection after he or she has obtained a degree in another faculty.
- (c) In terms of the selection procedure, candidates must pass both Mathematics and Physical Science at higher grade with at least a C symbol (60 – 69%), and achieve an M score of 24 in Grade 11, and 20 in the final Grade 12 examination, in order to be considered for selection and/or admission.
- (d) At the conclusion of the selection process, candidates are informed in writing regarding the outcome.
- (e) Admission of foreign students is limited to one for the BChD degree. Only applications of candidates from SADC countries are accepted.
- (f) Candidates who are not admitted to the first year of study for the BChD degree, may register for the BSc degree course in Biological Sciences at the University, provided that they comply with the admission requirements for the degree in question. A candidate who completes the first semester of such a degree successfully, may apply for admission to the second semester of BChD I on the grounds of this achievement.

University Diploma in Oral Hygiene:

In terms of the selection procedure, a candidate is required to obtain a pass mark in Biology and/or Physical Science at higher grade, or at least 50% at standard grade, with an M score of 18 in Grade 11, and 16 in Grade 12. Mathematics will be a recommendation. When the selection process has been completed, candidates are informed in writing regarding the outcome.

Statement of symbols

When registering at this University for the first time, a candidate has to submit a record of symbols obtained for each subject in the Matriculation examination.

Medium of instruction

In conducting its business, the University uses two official languages, namely Afrikaans and English. In formal education, the medium of instruction is either Afrikaans or English,

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or both of these languages, provided that there is a demand and that it is academically and economically justifiable. However, it remains the student's responsibility to ascertain every time in which language a course and any further level of that course is presented. In respect of administrative and other services, a student has the right to choose whether the University should communicate with him or her in Afrikaans or English.

Bursaries and loans

Particulars of bursaries and loans are available on request.

Accommodation

Applications for accommodation in university residences for a particular year should be submitted as from April 1 of the preceding year. Applications will be considered as long as vacancies exist, and prospective students are advised to apply well in advance. Please note that admission to the University does not automatically mean that lodging will also be available.

Parent's day and orientation

Details of the open day to which all parents of new students are cordially invited, and the subsequent orientation week during which all new first-year students must be present, are obtainable from the Dean of Students, University of Pretoria 0002.

Prescribed books

Lists of prescribed books are not available. The lecturers concerned will supply information regarding prescribed books to students at the commencement of lectures.

Amendment of regulations and fees

The University retains the right to amend the regulations and to change course fees without prior notification.

Definition of terms

Familiarise yourself with the following terms. They are used generally at UP.

academic year: the duration of the academic year which is determined by the University Council and consists of two semesters

Certificate of satisfactory preparation

Satisfactory preparation also implies satisfactory attendance of practical classes and clinical work.

course: a selected division of a subject deemed to be a unit and to which a course code is allocated

course code: consists of an equal number of capitals and digits, which indicate the name of the course, the year of study, the period of study and the level of the course

curriculum: a series of courses grouped together from different subjects over a specified period of time and in a certain sequence according to the regulations

examination mark: the mark a student obtains for an examination in a course, including practical and clinical examinations where applicable.

extended study programme: a study programme for a degree or diploma that is completed over a period longer than the minimum duration of the particular degree or diploma

extramural study: classes attended after hours by students who register for the curriculum of a first degree or diploma that is presented over a longer period than the minimum duration indicated in the regulations for the particular degree or diploma

final mark: the mark calculated on the basis of the semester/year mark and the examination mark a student obtained in a particular course according to a formula which is determined from time to time in the regulations for each course with the proviso that should no semester/year mark be required in a course, the examination mark serves as the final mark

GS: a combined mark (semester/year mark plus examination mark) of at least 40%

level of a course or level: the academic level of a course as indicated in the course code

module: a section of a subject course

registration: the process a candidate is required to complete to be admitted as a student of the University or for admission to a course

regulation for admission: also includes the regulation for selection

semester course: a course that extends over one semester

semester/year mark: the mark a student obtains during the course of a semester or a year for tests, classwork, practical work or any other work in a particular course as approved by regulation

subject: a demarcated field of study of which one course or more may be chosen for a degree

syllabus: the division of the study material for a specific course, according to the regulations

year course: a course that extends over one year (two semesters)

REGULATIONS AND CURRICULA

1. Admission to degree study

1.1 General

1.1.1 To register for a first bachelor's degree at the University, a candidate must, in addition to the required matriculation exemption certificate, comply with the specific admission requirements for particular courses and fields of study as prescribed in the admission regulations and the faculty regulations.

It is expected of every new undergraduate student who wishes to register at the University of Pretoria, to complete a language proficiency test. Based on the results of this test, the student could be enrolled in language development courses that have to be passed before the degree will be awarded. In exceptional circumstances the language development courses may be substituted by other courses as approved by the Dean.

1.1.2 The following persons may also be considered for admission:

- (i) A candidate who is in possession of a certificate which is deemed by the University to be equivalent to the required matriculation certificate with university exemption.
- (ii) A candidate who has completed successfully at least one academic year at another tertiary institution.
- (iii) A candidate who passes an entrance examination, which is prescribed by the University from time to time.

Note: A conditional exemption certificate does not grant admission to bachelor's study. However, in certain circumstances some of the faculties do accept a

conditional exemption on the basis of mature age. Candidates are advised to contact the faculty administration concerned in this regard.

- 1.1.3 The Senate may limit the number of students allowed to register for a course, in which case the Faculty concerned may, at his own discretion, select from the students who qualify for admission those who may be admitted.

1.2 Requirements for specific courses

A candidate who has obtained at least 50% in the Grade 12 (final matriculation) examination in Mathematics and in Physical Science at higher grade, will be admitted to the course Molecular and Cell Biology (MLB 111), and to a course in the subjects Chemistry and Physics.

2. Admission to diploma study

For admission requirements, see Diplomas on page 24.

3. Registration for a particular year of study

At the beginning of an academic year, a student registers for all the courses he or she intends taking in that particular year (whether these be first-semester, second-semester or year courses).

4. Admission to the examination and pass requirements

A semester/year mark of at least 40% is required in order to be admitted to the examination in any course, with the exception of first-semester courses at 100 level for which the requirement is 30%. Excluding cases where faculty regulations require a higher percentage, a subminimum of 40% is required in the examination in each course. A final mark of at least 50% is required to pass (see also Reg. D.1(b)(i)). The pass mark for essays is at least 50%. The stipulations of Gen. Reg. G.60.2.1.2(a) regarding requirements for these apply *mutatis mutandis* to essays.

4.1 Subminima in examinations

Where applicable, the subminima required in examinations appear in the regulations of the degree in question and in the syllabi of the courses required for that degree.

4.2 Examinations

The examinations for first-semester courses take place in May/June, while all other examinations (second-semester courses and year courses) take place in October/November.

Consult the study manuals for an exposition of the Faculty requirements for examinations.

4.3 Ancillary examinations

After completion of an examination and before the examination results are published, the examiners may summon a student for an ancillary examination on particular aspects of the work of that course.

Details regarding the Faculty requirements for ancillary examinations are published in the various Study Manuals.

4.4 Re-marking of examination papers (also consult Gen.Reg. G.14)

After an examination, departments give feedback to students about the framework that was used by the examiners during the examination. The way in which feedback is given, is determined by the departmental heads. Students may apply for re-

marking of an examination paper within 14 calendar days of commencement of lectures in the next semester. The prescribed fee has to be paid. The paper will then be re-marked by an examiner appointed by the Head of the Department.

4.5 Supplementary examinations

- (i) A student may be admitted to a supplementary examination in a course in the following instances (excepting the specific faculty requirements in respect of supplementary examinations in specific Blocks of the first to the third year of study for the BChD degree (consult Reg. D.1(h)(ii)):
 - (aa) if a final mark of between 40% and 49% has been obtained;
 - (bb) if a pass mark has been obtained but not the required subminimum of 40% in the examination as a whole; or
 - (cc) if a pass mark has been obtained but not the required subminimum in subsections of the course.
- (ii) A student must obtain a minimum of 50% in the supplementary examination to pass.
- (iii) The semester or year mark is taken into account only if a student has not obtained at least 50% in the supplementary examination of a first-semester course at 100 level.
- (iv) The highest final percentage that can be awarded to a student in a supplementary examination, is 50%.

DEGREES AND DIPLOMAS IN THE FACULTY OF DENTISTRY

The following degrees and diplomas are conferred/awarded in the Faculty (minimum duration in brackets):

Degrees:

- (a) Bachelor of Dentistry – BChD (5½ years: old curriculum); (5 years: new curriculum)
- (b) Magister Scientiae (Odontology) – MSc (Odont) (Four semesters, part-time)
- (c) Master of Dentistry – MChD (4 to 8 years) (indications of special fields of study: consult Reg. D.3)
- (d) Philosophiae Doctor – PhD (1 year)
- (e) Doctor Scientiae (Odontology) – DSc (Odont)

Diplomas:

- (a) University Diploma in Oral Hygiene – Dip (Oral Hyg) (2 years)
- (b) Postgraduate Diploma in Dentistry – Dip Odont (2 semesters part-time)
- (c) Advanced University Diploma in Oral Hygiene – HDipOral Hygiene (2 semesters part-time)

Students, who take a course offered by another faculty, must familiarise themselves with the requirements for admission to the subject in question as well as the regulations governing subminima in examinations and supplementary examinations.

I. BACHELOR'S DEGREE

General Regulations G.1 to G.15 are applicable to bachelor's degrees, and apply *mutatis mutandis* to undergraduate diplomas.

D.1 BACHELOR OF DENTISTRY (BChD) (CODE 11130001)

N.B. A selection of candidates takes place prior to admission.

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, second or third year of study, must also comply with the registration requirements.

(a) Duration

Five and a half years of full-time study (old curriculum), five years of full-time study (new curriculum.)

(b) Examinations

(i) Subminimum

A subminimum of 40% is required in the written section of an examination, with a subminimum of 50% in the clinical section of a course. At the beginning of the academic year, the Head of Department informs the students of the required subminima in subsections of the courses offered by the department in question. This information is also published in the study manual.

(ii) Year marks and semester marks

A student obtains credit for practical and clinical work, for tests and also for assignments completed during the course of an academic year.

(iii) A student who repeats a year of study and who must acquire certificates of satisfactory preparation in failed courses during the year, must comply with all the requirements set by the Head of Department, and also obtain a year mark of at least 50% in the courses in question.

(c) Provisions regarding promotion courses

The stipulations of General Regulation G.10.1 concerning satisfactory preparation and progress also apply to courses where a promotion test is required. Supplementary examination marks and pass marks in promotion courses are awarded according to the stipulations of General Reg. G.12 – with the proviso that:

- (i)** promotion is based on class tests throughout the year and a minimum of 50% is required to be promoted;
- (ii)** students repeating a year of study retain credit for examination courses passed, unless determined otherwise, but that they acquire a certificate of satisfactory preparation and progress in all the promotion courses, i.e. a minimum of 50% in the year work;
- (iii)** a student who has obtained a year mark of less than 50% be admitted by the Examination Commission to a supplementary promotion test.

(d) Selected first-year students who fail first-year course

- (i) Selected first-year students, who have passed a sufficient number of the prescribed first-semester courses at 100 level will, in accordance with the stipulations of General Regulation G.3, 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 courses still outstanding, if this can be accommodated in the timetable.
- (ii) In this faculty, a student cannot repeat more semester courses than the equivalent of eight lectures per week on an anti-semester basis in the second semester.
- (iii) A student who has failed one or more of the prescribed first-year courses and who will consequently not be admitted to the second year of study, forfeits his or her selection and must apply again for selection for the first year of study.
- (iv) A student who has forfeited his or her selection may continue with a BSc degree with subjects in the biological sciences, but success in these courses will not necessarily guarantee selection with resultant readmission to the Faculty of Dentistry.

(e) Students who fail some blocks of a year of study in the new curriculum (and thus the year of study in question) (see also Reg D.1(h)(iii))

- (i) Students must pass all the blocks of a year of study in order to be admitted to the next year of study.
- (ii) Students who repeat a year of study, must register for all the blocks of the year of study in question, with the exception of the special activities blocks, which need not be repeated if passed already.
- (iii) All failed blocks (including special activities blocks) must be repeated in full and passed in order to obtain credit for the blocks in question. Full class fees are payable in this case.
- (iv) A satisfactory attendance mark (i.e. a block mark of at least 50%) must be obtained in the blocks already passed in the previous year (with the exception of the special activities blocks). Reduced class fees in terms of University policy will be payable for these blocks. If a student does not obtain the required block mark of at least 50%, the student will again be required to pass an examination in the block in question.
- (v) A student following a BChD degree, will only be allowed two opportunities to repeat a year of study.
- (vi) A student who does not comply with the above-mentioned requirements but nevertheless wishes to be admitted to the Faculty, may request the Dean in writing to consider his or her application for readmission in accordance with the prescribed procedure.

(f) First year**(i) Curriculum****Explanation of codes**

- According to the rules of this Faculty, courses with an (*) asterisk, must be passed beforehand or taken and passed simultaneously with the courses in the first column.
- A course in the second column without any symbols, must be passed before the course in the first column may be taken.

- Subject to the stipulations of Reg. D.1(d)(i) regarding the passing of an adequate number of first-year courses, the symbol GS after a subject course in the second column, indicates that a combined mark of at least 40% has to be obtained for admission to the course mentioned in the first column.

NB: As a result of the restructuring of the University which was still ongoing at the end of 1999, some of the codes for subject courses and modules may have changed. Please ensure when registering, that you have the correct information.

First Semester

Examination courses

			Prerequisites
(1)	CMY 151	First course in Chemistry 151	See Par 1.2
(2)	FIL 182	Science and World Views 182	
(3)	MGW 111	Human Behaviour Science 111	
(4)	MLB 111	Molecular and Cell Biology 111	See Par 1.2
(5)	PHY 131	General Physics 131	See Par 1.2
(6)	MTL 180	Medical Terminology 180	

Second Semester

Attendance courses

(7)	GNK 121	Orientation 121	BOK 120*,GNK 126*
(8)	GNK 122	Computer Orientation 122	BOK 120*,GNK 126*

Examination courses

(9)	BOK 120	Molecule to Organism 120	CMY 151 GS PHY 131 GS MLB 111 GS GNK 121*, GNK 122* GNK 126*
(10)	GNK 126	Knowledge acquisition and processing 126	GNK 121*, GNK 122* BOK 120*, MGW 111, FIL 182

(ii) Ancillary Block examinations and supplementary examinations

Consult Reg. D.1(h)(ii).

(iii) Failed candidates/Admission to BChD II

1. A student is required to pass all the subjects of BChD I for admission to BChD II.
2. Students who take the allowable number of first-semester subjects on an anti-semester basis in the second semester, have to write a second examination in those subjects and pass it before commencing with the second year of study. Should a student then pass the particular subjects, the fact that these subjects were failed in the first semester, will not influence admission to BChD II. This concession is only valid if
 - (i) an anti-semester course is presented in the subject in question;
 - (ii) the student qualifies for the anti-semester course according to the rules of the department in question;

- (iii) the anti-semester course(s) can fit in with other lectures, discussion groups, class tests, examinations or any other activity of the second semester of BChD I.
- 3. A BChD I student who fails first-semester courses which equal a total of more than 8 lectures per week, fails the semester and cannot progress to the second semester of BChD I.
- 4. The second-semester courses of BChD I are not presented on an anti-semester basis.

(g) Admission to the second year of study

A student must pass all the courses of the first year of study for admission to the second year of study.

(h) Second year

(i) Curriculum

First semester

Examination courses

- (1) BOK 280 Homeostases 280
- (2) GNK 285 Blood 285
- (3) GNK 288 Anatomy (Dissection) 288
- (4) BOK 283 Man and his Environment 282

Second semester

Examination courses

- (5) BOK 281 Pathological Conditions 285
- (6) BOK 284 Infectious Diseases 284

Promotion course

- (7) GNK 286 Basic Emergency Care 286

Attendance courses

- (8) KMH 200 Clinical Oral Medicine 200
- (9) GNK 283 Introduction to Clinical Medicine 283

(ii) Block examinations and Supplementary examinations

Students are informed by means of the study guide of a particular Block, of the minimum requirements for acquiring the Block mark for the Block in question; the Block examination with which a particular Block is concluded at the end of the year, and the equation which is used in the calculation of the Block mark.

If 60% or more is obtained in a particular Block, the mark will be validated **as the examination mark at the end of the year**, and the student will be promoted in the Block examination in question, and will therefore be exempted from the examination.

A student who obtains 40% – 49% as the calculated final Block mark, will be admitted to a supplementary examination in January of the following year. A minimum of 50% is required to pass in a supplementary examination.

(iii) Failed candidate

A student who has failed BChD II, will again be subjected to selection with a view to readmission to the second year of study. Also consult Reg. D.1(e)

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concerning students who fail certain Blocks of a year (and therefore the year of study) under the new curriculum.

(i) Admission to the third year of study

A student must pass all the courses of the second year of study for admission to the third year of study.

(j) Third year

(i) Curriculum

Examination courses

- | | | |
|-----|---------|-----------------------------|
| (1) | GNK 381 | Heart and Blood-vessels 381 |
| (2) | GNK 383 | Lungs and Chest 383 |
| (3) | TMZ 370 | Applied Human Systems 370 |

Promotion courses

- | | | |
|------|---------|----------------------------|
| (4) | PRS 370 | Practice Management 370 |
| (5) | ODO 370 | Odontology 370 |
| (6) | PDL 370 | Periodontology 370 |
| (7) | DTA 370 | Dento-Facial Anomalies 370 |
| (8) | OFA 370 | Oro-Facial Therapy 370 |
| (9) | PTK 370 | Prosthetics 370 |
| (10) | RAD 370 | Radiography 370 |

(ii) Ancillary Block tests and supplementary examinations

Concerning the examination courses (GNK 381) Heart and Blood-vessels 381 (Block 6B) and (GNK 383) Respiratory System 383 (Block 7): In accordance with Reg.D.1(h)(ii).

(iii) Supplementary examinations in promotion courses

Consult Reg. D.1(c).

(k) Admission to the fourth year of study

A student must pass all the courses of the third year of study for admission to the third year of study.

(l) Fourth year

(i) Curriculum

Examination courses

- | | | |
|-----|---------|---------------------------|
| (1) | TMZ 470 | Applied Human Systems 470 |
|-----|---------|---------------------------|

Promotion courses

- | | | |
|------|---------|--------------------------------|
| (2) | PRS 470 | Practice Management 470 |
| (3) | ODO 470 | Odontology 470 |
| (4) | PDL 470 | Periodontology 470 |
| (5) | DFA 470 | Dento-Facial Anomalies 470 |
| (6) | OFT 470 | Oro-Facial Therapy 470 |
| (7) | PTK 470 | Prosthetics 470 |
| (8) | MFP 470 | Maxillo-Facial Pathology 470 |
| (9) | OPS 470 | Comprehensive Patient Care 470 |
| (10) | GAP 470 | Community as Patient 470 |

(ii) Supplementary examinations

A student who obtains between 40 – 49% in examination and promotion courses, is granted admission to supplementary examinations. Should he or she fail this supplementary examination/promotion test, the fourth year has to be repeated. When a year of study has to be repeated, the student maintains credit for the examination courses passed. The promotion courses have to be repeated en passed. Exemption from classes and learning activities in these courses will not be granted.

(m) Admission to fifth year of study

A student must pass all the courses of the fourth year of study for admission to the fifth year of study.

(n) Fifth year (old curriculum)**(i) Curriculum****Examination courses**

- | | | |
|-----|---------|----------------------------------|
| (1) | MPG 500 | Oral Pathology 500 |
| (2) | GTH 500 | Community Dentistry 500 |
| (3) | RON 500 | Röntgenology and Diagnostics 500 |
| (4) | THM 500 | Dental Materials 500 |
| (5) | MGK 571 | Oral Medicine 571 |

Promotion courses

- | | | |
|------|---------|-------------------------------------|
| (6) | HTH 500 | Restorative Dentistry 500 |
| (7) | PTK 500 | Prosthetics 500 |
| (8) | ORD 500 | Orthodontics 500 |
| (9) | PRN 500 | Periodontics 571 |
| (10) | KGM 500 | Maxillo-Facial and Oral Surgery 500 |

Attendance course

- | | | |
|------|---------|----------------|
| (11) | SLK 510 | Psychology 510 |
|------|---------|----------------|

(ii) Supplementary examinations

A student who has passed all the courses except three of the examination and/or promotion/attendance courses, may be admitted to a supplementary examination. Supplementary examinations may not be granted in more than three courses (examination, promotion, or attendance courses). A student who is not admitted to the sixth year of study, retains credit for examination courses passed. The promotion courses and/or the attendance course must be repeated and exemption from class attendance in these courses shall not be granted.

(o) Admission to sixth year of study

A student must pass all the courses of the fifth year of study for admission to the sixth year of study.

(p) Sixth year (old curriculum)**(i) Curriculum****Examination courses**

- | | | |
|-----|---------|---------------------------|
| (1) | HTH 610 | Restorative Dentistry 610 |
| (2) | PTK 610 | Prosthetics 610 |
| (3) | PRN 610 | Periodontics 610 |

- (4) KGM 610 Maxillo-Facial and Oral Surgery 610
- (5) ORD 610 Orthodontics 610
- (6) PRS 610 Practice Management 610

(ii) **Examinations**

(aa) A student who has failed the final examination in any course, will be required to repeat all the courses of the sixth year. The period which must elapse before the student may report for an examination, is determined by the Dean, on the recommendation of the Examination Commission. If a student is allowed to report for the examination after one semester, an examination will be held in all the courses in which less than 60% was obtained.

Certificates of satisfactory preparation must also be obtained in the courses in which 60% and more was obtained. If a student is allowed to report for the examination after two semesters have elapsed, he or she will be required to obtain certificates of satisfactory preparation in the examination courses and the promotion courses of the fifth year of study, and will have to repeat the examination courses of the final year of study. A student who fails the examination course Restorative Dentistry 610, may only report for the examination after two semesters have elapsed.

(bb) A student who fails in the clinical section of a course, fails the examination in that course.

(q) **Pass with distinction**

The degree is conferred with distinction on a student who has obtained at least 65% in all the examination courses of the last one and a half years of study, with an average of at least 75% for all the courses.

II. MASTER'S DEGREES

D.2 MASTER OF SCIENCE (ODONTOLOGY) [MSc (Odont)] (CODE 11252001)

Also consult General Regulations G.30 to G.44.

Option (i)

(a) **Requirements for admission**

Subject to the stipulations of General Regulations G.9 and G.30, the BChD degree or an equivalent qualification is required, plus the postgraduate Diploma in Dentistry (DipOdont). The candidate may be exempted from the latter qualification at the discretion of the Head of the Department concerned and with the Dean's approval.

(b) **Duration**

At least four semesters of part-time study.

(c) **Curriculum**

(i) **Attendance course**

NMK 800 Research Methodology (including Statistics) 800

- (ii) **An examination (Code ODO 800) and a Dissertation (Code ODO 890) (Field of Study code : 11252001)**
- (aa) An examination on an approved programme of advanced study and tuition in an applicable area of Dentistry.
- (bb) A dissertation related to the major subject. In the final evaluation, the dissertation and the examination mentioned in (aa) will carry equal weight. A minimum pass mark of 50% is required for the dissertation, with a minimum of 50% as pass mark in the examination.

Option (ii) : Main Field of Study : Oral Surgery (Code : 11252004)

(aa) **Admission requirements**

Subject to the stipulations of General Regulations G.9 and G.30, the BChD degree is required, as well as the Postgraduate Diploma in Dentistry (DipOdont) with main field of study Oral Surgery (Oral Surgery with a minimum pass mark of 65%).

(bb) **Duration**

A minimum of four semesters part-time study. Studies must be completed within six semesters and Part I and II must extend over a maximum of four semesters.

(cc) **Curriculum**

Part I: Basic subjects (prerequisite for Part II)
 CBA 800 Anatomy and Principles of Surgery 800
 CBR 800 Maxillo - Facial Radiology and Principles of Surgery 800

Part II: Clinical Training (Code KGM 891)
 Maxillo-Facial and Oral Surgery : 280 hours of clinical or theme-related practical training. Students who hold the Postgraduate Diploma in Dentistry (DipOdont) with Oral Surgery as the main field of study, may apply in writing for credit of the basic subject, clinical training and the written examination, provided that a minimum of 60% has been obtained in the major subject and subsidiary subjects.

Attendance courses

NMK 800 Research Methodology 800
 BPB 800 Principles of Practice Management 800

Part III: Major subject (MCH 800) Oral Surgery 800
 Part III comprises (i) an examination in Maxillo-Facial and Oral Surgery; (ii) five papers on a specific topic in Maxillo-Facial and Oral Surgery; and (iii) a minor dissertation relating to the topic mentioned in (ii) above.

Option (iii): Main Field of Study: Maxillo-Facial and Oral Radiology (Field of Study Code: 11252005)

(aa) **Admission requirements**

As for Option (i).

(bb) **Duration**

As for Option (i).

(cc) **Curriculum**

Attendance course:

NMK 800 Research Methodology including Statistics

Basic Subject:

MPG 806 Oral Pathology

Main Subject:

RON 801 Röntgenology

A dissertation related to the major subject

(d) **Examination and supplementary examination**

The stipulations for General Regulations apply to all Options.

(e) **Degree with distinction**

Regarding Option (i): A student must obtain a minimum of 75% in both the examination and the dissertation.

Regarding Option (ii): A student must obtain a minimum of 65% in Parts I and II, and a minimum of 75% in each of the subdivisions of Part III of the course.

Regarding Option (iii): A student must obtain a minimum of 65% in the basic subject and at least 75% in the major subject of the course.

D.3 MASTER OF DENTISTRY (MChD)

Also consult the General Regulations.

(a) The MChD degree is conferred in the following fields of study:

- (i) Maxillo-Facial and Oral Surgery.
- (ii) Orthodontics.
- (iii) Oral Pathology.
- (iv) Periodontics and Oral Medicine.
- (v) Prosthodontics.
- (vi) Community Dentistry.

(b) **Admission requirements**

1. Each candidate for admission to the study for the MChD degree must:
 - (i) either hold the BChD degree of the University of Pretoria or an equivalent qualification, or be admitted to master's degree studies in terms of the stipulations of General Regulations G.1.3 and G.62;
 - (ii) be registered as a dentist with the Health Professions Council of South Africa; and
 - (iii) have held a full-time training position/registrarship successfully for four or eight years, depending on the specific requirements of the various fields of study, at an approved training institution as determined by the University.
2. For the MChD degree (endorsement Maxillo-Facial Surgery – (Medical or Dental)(Codes 11250091 and 11250011), a candidate must:
 - (i) subject to the stipulations of General Reg. G.1.3 and G.62, have obtained the BChD and/or MBChB degree or equivalent qualification at least one year previously, as well as the DipOdont (Oral Surgery), with a minimum pass mark of 65% in the basic and the major subject

- (in the case of admission to the endorsement Chir.Max.Fac.-Dent on the grounds of a BChD degree);
- (ii) be registered as a dentist and/or physician with the Health Professions Council of South Africa; and
 - (iii) be appointed in a full-time registrarship for four years (for a candidate with both a BChD and a MBChB degree), eight years (for a candidate with a BChD degree), seven years (for a candidate with a MBChB degree), or five years (for MChD (Chir.Max.Fac.-Dent)).

(c) CURRICULA

(1.1) Maxillo-Facial and Oral Surgery (endorsement Chir. Max. Fac. – Med)

(aa) For students who hold both the BChD and the MBChB degree (Code 11250091)

Duration: Four years of full-time study.

First year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

Basic subjects: (Prerequisites for second year)

ANA 870	Anatomy 870
FSG 806	Physiology 806
APA 808	General Pathology 808
FAR 809	Pharmacology 809

Second year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

Subsidiary subject: BVC 806 Principles of Surgery 806

Third year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

Subsidiary subject: MPG 800 Oral Pathology 800

Attendance course: KGR 801 Maxillo-Facial Röntgenology 801

Fourth year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

Subsidiary subject: MPG 810 Oral Pathology 810

(bb) For students who hold the MBChB degree (Code 11250092)

Duration: Seven years of full-time study

First year of study

As in (aa) above.

Second year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

The student must also register for the BChD degree and apply for registration as a student in Dentistry with the Health Professions Council of South Africa.

BChD III (Code 11130001)

As for BChD III with exemption from GNK 381, GNK 383 and TMZ 370

Third year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

BChD IV (Code 11130001)

As for BChD IV:

Fourth year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

BChD V (Code 11130001)

As for BChD V.

Fifth year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802
Examination subject: BVC 806 Principles of Surgery 806

Sixth year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802
Subsidiary subject: MPG 800 Oral Pathology 800
Attendance course: KGR 801 Maxillo-Facial Röntgenology 801

Seventh year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802
Subsidiary subject: MPG 800 Oral Pathology 800

(cc) For students who hold the BChD degree (Code 11250093)

This option is only open to candidates who obtain the BChD degree at the University of Pretoria as from 2001.

Duration: Eight years of full-time study.

First year of study

As in (aa) above.

Second year of study

Major subject: KGM 802 Maxillo-Facial and Oral Surgery 802

The student must also register for the MBChB degree and must apply for registration as a student in Medicine with the Health Professions Council of South Africa.

MBChB III (Code 10130001)

As for MBChB III.

Third year of study

Major subject: KG 802 Maxillo-Facial and Oral Surgery 802

MBChB IV (Code 10130001)

As for MBChB IV.

Fourth year of study**Major subject:** KGM 802 Maxillo-Facial and Oral Surgery 802**MBChB V (Code 10130001)**

As for MBChB V.

Fifth year of study**Major subject:** KGM 802 Maxillo-Facial and Oral Surgery 802**MBChB VI (Code 10130001)**

As for MBChB VI.

Sixth year of study**Major subject:** KGM 802 Maxillo-Facial and Oral Surgery 802**Subsidiary subject:** BVC 806 Principles of Surgery 806**Seventh year of study****Major subject:** KGM 802 Maxillo-Facial and Oral Surgery 802**Subsidiary subject:** MPG 800 Oral Pathology 800**Attendance course:** KGR 801 Maxillo-Facial Röntgenology 801**Eighth year of study****Major subject:** KGM 810 Maxillo-Facial and Oral Surgery 810**Subsidiary subject:** MPG 800 Oral Pathology 800**(1.2) Maxillo-Facial and Oral Surgery (endorsement Chir.Max.Fac.-Dent)
(Code 11250011)****Duration:** Five years of full-time study.**First year of study****Major subject:**

KGM 802 Maxillo-Facial and Oral Surgery 802

Basic subjects: (Prerequisites for the second year of study)

ANA 870 Anatomy 870

FSG 806 Physiology 806

APA 808 General Pathology 808

FAR 809 Pharmacology 809

Second year of study**Major subject:**

KGM 802 Maxillo-Facial and Oral Surgery 802

Subsidiary subject:
BVC 807 Principles of Surgery 807

Third and fourth year of study

Major subject:

KGM 802 Maxillo-Facial and Oral Surgery 802

Subsidiary subject:

MPG 800 Oral Pathology 800

Attendance courses:

KGR 801 Maxillo-Facial Röntgenology 801

NMK 800 Research Methodology 800

Fifth year of study (Research)

Major subject:

KGM 802 Maxillo-Facial and Oral Surgery 802

(2) Orthodontics (Code 11250021)

Major subject:

ORD 803 Orthodontics 803

Basic subjects:

ANA 871 Anatomy 871

FSG 806 Physiology 806

Subsidiary subject:

MPG 801 Oral Pathology 801

Attendance courses:

RON 800 Röntgenology 800

KGM 800 Maxillo-Facial and Oral Surgery 800

PRD 801 Prosthodontics 801

SKT 800 Speech Therapy 800

MGN 802 Human Genetics 802

NMK 800 Research Methodology 800

PMG 801 Periodontics and Oral Medicine 801

PDD 801 Pedodontics 801

Duration: 4 years of full-time study

(3) Oral Pathology (Code 11250031)

Major subject:

MPG 802 Oral Pathology 802

Basic subjects:

ANA 872 Anatomy 872

ANP 808 Anatomical Pathology 808

FSG 806 Physiology 806

Attendance courses:

RON 800 Röntgenology 800

PMG 801 Periodontics and Oral Medicine 801

NMK 800 Research Methodology 800

Duration: 4 years of full-time study.

(4) Periodontics (Code 11250041)**Major subject:**

PMG 802 Periodontics and Oral Medicine 802

Basic subjects:

ANA 873 Anatomy 873

FSG 806 Physiology 806

Subsidiary subjects:

MPG 803 Oral Pathology 803

MMB 800 Oral Microbiology 800

PRD 802 Prosthodontics 802

Attendance courses:

ORD 800 Orthodontics 800

NMK 800 Research Methodology 800

KGM 801 Maxillo-Facial and Oral Surgery 801

SLK 808 Psychology 808

Duration: 4 years of full-time study.**(5) Prosthodontics (Code 11250081)****Major subject:**

PRD 803 Prosthodontics 803

Basic subjects:

ANA 874 Anatomy 874

FSG 806 Physiology 806

MDB 800 Oral Biology 800

Subsidiary subjects:

MPG 804 Oral Pathology 804

PMG 803 Periodontics and Oral Medicine 803

Attendance courses:

KGM 803 Maxillo-Facial and Oral Surgery 803

ORD 800 Orthodontics 800

RAD 870 Radiology 870

KMP 871 Communication Pathology

NMK 800 Research Methodology 800

Duration: 4 years of full-time study.**(6) Community Dentistry (Code 11250071)****Major subject:**

GTH 800 Community Dentistry 800

Basic subject:

TMP 801 Applied Oral Pathology 801

Attendance course:

NMK 800 Research Methodology 800

Additionally, the Diploma in Health Systems Management must be attended and passed on a *capita selecta* basis, as determined by the Head of Department and approved by the Dean.

Practical Training:

Practical training is provided at recognised institutions.

Duration: 4 years of full-time study.

(d) Examinations (Consult General Reg. G.40)

1. (i) Examinations in the basic and subsidiary subjects (with the exception of KGM):

aa) A student must pass these subjects prior to admission to the examination in the main subject. A minimum of at least 50% is required to pass.

(bb) Examinations in the basic and subsidiary subjects must be passed before the end of the third year of study, or at a time as determined by the Head of Department.

(ii) **Examination in the major subject:**

Admission to the examination in the major subject is determined by the Head of Department.

(iii) If a student fails one or more of the basic subjects, subsidiary subjects or the major subject, the Head of Department may recommend to the examination commission, that he or she be admitted to a supplementary examination. Supplementary examinations may only take place after a minimum period of six months has elapsed since the examination in which the student failed.

N.B.:

(aa) In view of the fact that a postgraduate student may repeat an examination in any subject only once, a student who fails a supplementary examination will have to discontinue his or her studies as a result. In the event, a student who has been working in a registrar position, will have to vacate the position as soon as possible, with notice of one calendar month to the University of Pretoria and/or other recognised training institution, as applicable.

(bb) If a student is admitted to a supplementary examination in the major subject, the Head of Department will then determine whether he or she has to vacate their registrarship at the end of the training period, or immediately after the supplementary examination.

(iv) **Subminimum:** A student must obtain a subminimum of 50% in all the sections of the examination, with a final mark of at least 50% as a pass mark.

(v) The stipulations of General Regulation G.10.4 regarding attendance courses, apply.

N.B. The attendance courses in Prosthodontics consist of two parts, i.e. Prosthetics and Restorative Dentistry.

(vi) In addition to the stipulations already mentioned, a dissertation on a topic related to the major subject must be submitted. In order to pass in the final examination, a pass mark must be obtained also for the dissertation.

(vii) A MChD student, who has obtained an aggregate of at least 75% with the first attempt in both his major subject and the dissertation, will receive the degree with distinction.

2. MChD degree (endorsements Chir.Max.Fac.-Med and Chir.Max.Fac.-Dent)

(i) Examination in the basic subjects

A student must pass all these subjects before he or she may commence with the second year. A minimum pass mark of 50% is required in the examination. (The minimum pass mark in all cases is 50%.)

(ii) Examination in the subsidiary subjects

(aa) For the endorsement Maxillo-Facial Surgery – Medicus, a student has to pass Principles of Surgery in the year of study as indicated, before he or she may continue studies and rotate in the various departments.

(bb) A student has to pass Oral Pathology prior to the examination in his major subject.

(iii) If a student fails any of the basic subjects, or the subsidiary subjects, or Principles of Surgery or Oral Pathology, the Head of Department may recommend that he or she immediately be admitted to a supplementary examination.

(iv) If a student fails his or her major subject, the Dean may, on the recommendation of the Head of Department, approve that he or she be admitted to a supplementary examination, but only after six months have elapsed since the original examination in which he or she failed.

(v) In the light of the fact that a postgraduate student may repeat an examination in any subject only once, a student who fails a supplementary examination, will have to discontinue his or her studies.

(vi) If a student has been admitted to a supplementary examination in the major subject, the Head of Department will determine whether he or she should vacate the registrarship at the end of the training period or immediately after the supplementary examination.

(vii) **Subminimum:** A student must obtain a subminimum of 60% in the clinical section (operation and casualties) of the examination, with a subminimum of 50% in all the other sections of the examination, and a minimum final mark of 50% as a pass mark. He or she must also comply with the requirements regarding the number of operations performed, as required by the Head of Department. A final mark of 50% is required.

(viii) In addition to the stipulations already mentioned, the student must submit and pass an essay (endorsement Maxillo-Facial Surgery – Med) or a dissertation (endorsement Maxillo-Facial Surgery – Dent), on an approved topic related to the major subject. A complete record of operations must also be submitted.

(ix) **Pass with distinction:** A student who obtains at least 60% in the basic and the subsidiary subjects, and a final mark of at least 75% with the first attempt in the major subject, qualifies for a degree with distinction.

(e) Exemptions

Exemption by virtue of comparable training and/or experience in terms of the requirements of Reg. D.3 (c) and (d), may be granted by the Dean, on the recommendation of the Head of Department, provided that exemption from the examination in the major subject may not be granted.

N.B. The regulations of the Health Professions Council of South Africa, as published in *Government Gazette* No. 4631 of 11 January 1991 – Notice No. R.40 (as amended), will be used as a criterion in determining the period of exemption.

III. DOCTORATES

D.4 PHILOSOPHIAE DOCTOR (PhD) (CODE 11261001)

Consult Gen. Reg. G.45 to G.55.

(a) Admission requirement

Subject to the stipulations of General Regulations G.1.3 and G.62, a candidate will only be admitted to doctoral study, if he or she holds a master's degree. If Maxillo-Facial and Oral Surgery is chosen as main field of study, a minimum pass mark of 65% in either MSc(Odont), or MChD(Maxillo-Facial and Oral Surgery), or an equivalent qualification will be required.

(b) Curriculum

The degree PhD is conferred by virtue of a thesis, with the proviso that the Faculty Board, on the recommendation of the examination panel, may require an oral examination which deals with the topic of the thesis.

D.4.A DOCTOR SCIENTIAE (ODONTOLOGY) DSc (Odont) (CODE 11260002)

The DSc degree is conferred on the basis of publications (consult General Regulation G.56).

- (i) The collective publications submitted must deal with a central theme.
- (ii) The candidate must already hold a PhD degree or an equivalent qualification.

IV. DIPLOMAS

D.5 UNIVERSITY DIPLOMA IN ORAL HYGIENE [Dip(OH)] (CODE 11120012)

Consult General Regulation G.1.3 and G.63.

(a) Admission requirements

A matriculation exemption certificate with Biology and/or Physical Science passed at higher grade, or at least 50% at standard grade, and a M score of at least 18 in Grade 11 and 16 in Grade 12. Mathematics is a recommendation.

Candidates are selected for admission to this course and application must be made in the prescribed manner.

(b) Nature and Duration of course

Two years of full-time study.

(c) Curriculum

(i) First year

Examination Subjects

- (1) MHI 100 Oral Hygiene 100

(2)	ANH 100	Anatomy and Histology 100
(3)	FSG 101	Physiology 101
(4)	MBG 106	Microbiology 106
(5)	THM 100	Dental Materials 100
(6)	TPG 100	Dental Procedures and Drugs 100

Attendance courses

(7)	NHS 100	First Aid (Students must acquire a valid First Aid Certificate from a recognised First Aid organisation.)
(8)	RON 100	Röntgenology 100

(ii) Second year**Examination Subjects**

(1)	MHI 200	Oral Hygiene 200
(2)	RON 200	Röntgenology 200
(3)	GTH 201	Community Dentistry 201
(4)	MPG 200	Oral Pathology 200
(5)	RLE 200	Jurisprudence and Ethics 200

Attendance courses

(6)	SOS 200	Sociology 200
(7)	SLK 201	Psychology 201

(d) Admission to the second year of study:

- (i) To be admitted to the second year of study, a student must pass in all the first-year examination courses, with a year mark of at least 50% in all the attendance courses.
- (ii) A student who fails a maximum of two examination courses and attendance courses in the first year of study, may be admitted to a supplementary examination in the respective of course(s).
A student who has not been admitted to the second year of study, must acquire certificates of satisfactory preparation in courses in which 60% or more were obtained the previous year, and must repeat all the courses in which less than 60% were obtained.
- (iii) A student, who fails the first year of study, must apply for readmission to the diploma course.

(e) Examinations of the second year of study

- (i) A subminimum of 50% is required in the examination subjects, with a final mark of at least 50% to pass. A year mark of at least 50% is required in all the attendance courses of the second year.
- (ii) A student who fails one or more of the courses of the final year, must repeat those courses in the ensuing semester, with an examination at the end of the semester in question. In courses passed, only practical and clinical work will be required.
- (iii) The requirement as stipulated in par. (e)(i) will apply to students who, after repeating a semester, again fail some of the courses.

(f) Diploma with distinction

The Diploma is awarded with distinction to a student who obtains an average of at least 75% in the examination subjects of the second year of study, and at least 65% in all the examination subjects of the final year of study.

D.6 POSTGRADUATE DIPLOMAS

(a) POSTGRADUATE DIPLOMA IN HEALTH ADMINISTRATION (DENT) (DHA) (Dent)) (CODE 11220032)

This postgraduate diploma will no longer be presented from 2000.

(i) **Admission requirements**

Candidates must have qualified for the BChD degree or an equivalent qualification at least one year ago, and must be registered with the Health Professions Council of South Africa as a dentist. A student will not be admitted to Part II of the two-year Diploma unless Part I has been completed. **N.B.** Part I and II of the Diploma are offered in alternative years.

(ii) **Duration**

The courses are offered part-time only and extend over at least two academic years.

(iii) **Curriculum**

Part I

(1)	TNB 701	Applied Research Methodology, Biostatistics and Epidemiology 701
(2)	TGA 700	Dental Health Administration 700
(3)	TGW 700	Dental Health Legislation 700
(4)	OGH 701	Environmental Health 701
(5)	MSO 100	Medical Sociology 100
(6)	OPO 700	Training Practice and Education Technology 700

Part II

(1)	OBS 101	Business Management 101
(2)	FBS 101	Financial Management 101
(3)	MHB 703	Human Resource Management 703
(4)	PAD 701	Public Administration (Cap Sel) 701
(5)	GEB 701	Health Administration 701
(6)	GSI 701	Health Informatics 701

(iv) **Examinations**

A minimum year mark of 50% is required for admission to the examination. A subminimum of 50% is required in the examination in all the courses, with a final mark of at least 50% to pass.

(v) **Supplementary examinations**

Supplementary examinations are granted in a maximum of two courses in each part and will only be held after six months have elapsed since the original examination. If more than two courses are failed, those courses must be repeated.

(vi) **Diploma with distinction**

The Diploma is awarded with distinction to a student who obtains an average of at least 75% in all the courses.

**(b) POSTGRADUATE DIPLOMA IN DENTISTRY
(DIP Odont) (CODE 11220001)**

(i) Admission requirements

Subject to the stipulations of General Regulation G.1.3 and G.62, the BChD degree or an equivalent qualification is required.

For the main field of study (MCH 700) Oral Surgery 700, a candidate must be in possession of the BChD degree from this University with at least 60% in the final examination in Maxillo-Facial and Oral Surgery. A candidate in possession of an equivalent qualification must have obtained a symbol in the final examination in Maxillo-Facial and Oral Surgery which is equivalent to at least 60%.

(ii) Duration

At least two semesters. The contact time in the major field of study is determined by the Head of the Department concerned and approved by the Dean. It includes systematic tuition as well as clinical/practical assignments.

(iii) Curriculum

(aa) Main field of study – one of the following:

DAG 700	Diagnostics 700
MPG 700	Oral Pathology 700
END 700	Endodontics 700
ORD 700	Orthodontics 700
FOT 700	Forensic Odontology 700
PDD 700	Pedodontics 700
MCH 700	Minor Oral Surgery 700
PDL 700	Periodontology 700
HTH 700	Restorative Dentistry 700
PTK 700	Prosthetics 700
MGK 700	Oral Medicine 700
RON 700	Röntgenology 700
MMB 700	Oral Microbiology 700
VTH 700	Preventive Dentistry 700

or another course as determined by the Head of the Department concerned and approved the Dean.

(bb) Basic subject

MDB 710 Oral Biology 710, or CBA 710 Anatomy and Principles of Surgery 710, or CBF 710 Physiology and Principles of Surgery 710, or CBM 710 Oral Pathology and Principles of Surgery 710, or CBR 710 Maxillo-Facial Radiology and Principles of Surgery 710, or any other subject course as determined by the department concerned and approved by the Dean.

(iv) Examinations

The examination in the basic subject is held in May/June, and in the main field of study in October/November, except in the main field of study (MCH 700) Oral Surgery 700, in which examination in the basic subject and the main subject may be held every semester. To be admitted to the examination, a year mark of at least 50% is required. A subminimum of 50%

is required in the examination in respect of all courses, with a final mark of at least 50% to pass.

(v) **Pass with distinction**

The Diploma is awarded with distinction to students who obtain at least 75% in both the main field of study and the basic subject.

V. ADVANCED UNIVERSITY DIPLOMA

**D.7. ADVANCED UNIVERSITY DIPLOMA IN ORAL HYGIENE
(AdvDipOHyg) (CODE 11120013)**

(a) **Admission requirement**

Candidates must be in possession of a Diploma in Oral Hygiene or in Dental Therapy or an equivalent qualification, and must be registered with the Health Professions Council of South Africa as oral hygienist or dental therapist.

(b) **Duration**

At least two semesters. The course is only offered part-time, with contact time as determined by the head/s of department/s concerned.

(c) **Curriculum**

The course is integrated with and planned around one or more of the dental disciplines or any other topic as agreed on in consultation with the head/s of the department/s concerned and approved by the Dean.

(i) **Basic subject**

The basic subject is determined by the Head of Department and approved by the Dean.

(ii) **Major field of study – one of the following:**

GTH 702	Community Dentistry 702
PRN 701	Periodontics 701
ORD 701	Orthodontics 701
KGM 701	Maxillo-Facial and Oral Surgery 701
PRD 701	Prosthodontics 701
MPG 702	Oral Pathology 702

or any other course as determined by the Head of Department and approved by the Dean.

(d) **Examinations**

(i) A year mark of at least 50% is required to be admitted to the examination. A subminimum of 50% is required in the examination in all courses. A student who fails one or more of the courses, must repeat the courses and the examinations in the ensuing semester. In courses passed, only practical and clinical work will be required.

(ii) The requirement as set out in par. (d)(i) apply to a student who, after repeating a semester, again fails some of the courses.

(e) Diploma with distinction

The Diploma is awarded with distinction to a student who obtains an average of at least 75% in both the main field of study and the basic subject.

SYLLABI

SYLLABI FOR THE BChD DEGREE (Amended 1st year)
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YEAR 1 : SEMESTER 1

(CMY 151) First course in Chemistry 151

Theory: General introduction to atoms, elements, chemical bonding and structure, chemical reactions, reactivity, chemical equilibrium, acids and bases, thermochemistry, electrochemistry, phases of matter, organic bonding, stereochemical aspects, organic reactions of hydrocarbon, alcohols, ethers, thiols, amines, aldehydes, ketones, carboxylic acids and their derivatives, carbohydrates, lipids and proteins.

Practical: Synthesis and properties of simple organic and inorganic compounds.

(PHY 131) General Physics 131

Syllabus: Consult the publication : Rules and Syllabuses : Faculty of Science.

(MLB 111) Molecular and Cell Biology 111 (4 lectures and 1 practical class per week)

Introductory study of the ultra structure, function and composition of representative cells and cell components. General principles of cell metabolism, molecular genetics, cell growth, cell division and cell differentiation.

(MGW 111) Human Behaviour Science 111

This course comprises basic psychology and sociology applicable to Dentistry. Basic psychiatric concepts are also taught.

(FIL 182) Science and World Views 182 (1 lecture per week)

World Views in ancient Greece. Socrates, Plato – the founder of Western thought. Aristotle – the foundation of a new tradition. Leonardi da Vinci – the foundation of modern science. The wonder years of the seventeenth century – the flourishing of the sciences and philosophy. The rise of mechanisation. A drastic turn in man's vision – the rise of Psychology. How the theory of relativity changed our view of the cosmos. Quantum theory and its implications for the modern world view. The biological sciences and the secrets of life. Ethics. Bio-ethics. Quality of life. Ethical theory, Applied Ethics. Human rights, choices and ethical codes. Science and philosophy

(MTL 180) Medical Terminology 180 (2 lectures per week)

The acquisition of a basic vocabulary (the prefixes and suffixes included) in Greek and Latin. The manner in which medical terminology originates from these languages, as well as the ability to analyse and derive the meaning of existing terminology.

YEAR 1 : SEMESTER 2

SA 1

(GNK 121) Orientation 121 (1 week)

Introduction to problem-orientated learning. The course and the continuous spiral of course content. Introduction to study methods. Introduction to the Skills Laboratory at the Faculty of Medicine.

SA 2

(GNK 122) Computer Orientation 122 (1 week)

The role of the computer in learning and assessment. Theoretical and practical aspects of the elementary use of a computer. Introduction to the Computer Laboratory at the Faculty of Medicine.

BLOCK 1

(BOK 120) Molecule to Organism 120 (9 weeks)

Module 1: Molecule to Cell (3 weeks)

Principles of physiology, chemistry, pharmacology and genetics applicable to man. Macro molecules, lipids, carbohydrates, protein. Introductory genetics: Molecular evolution, gene structure and transmission, genetic control of the cell cycle, genetic defects. Pharmacology on molecular level: Drug receptors, kinetic conceptions, principles of structural activity relationships.

Module 2: Cell to Tissue (3 weeks)

Gametogenesis, embryogenesis, embryopathy, histology, incidence of tissue types. The immune system and its components. Tissue specificity, genetic control of expression and influencing factors.

Module 3: Tissue to Organism (3 weeks)

Anatomical terminology, introduction to the systemic and functional organisation of the human body. The management of tissue in organs. The life stages of man. Impulse conduction and muscle contraction. Nerve potentials.

SA 3

(GNK 126) Knowledge acquisition and processing 126 (2 weeks)

Informatics and information resources in Medicine: Information processing. Clinical epidemiology and biostatistics. Research studies and their analyses. Introduction to research methodology.

SYLLABI FOR THE BChD DEGREE (amended 2nd year)

YEAR 2 :

BLOCK 3

(BOK 280) Homeostasis 280 (7 weeks)

Module 1: Intermediary Metabolism (3 weeks)

Carbohydrate and lipid metabolism; protein and energy metabolism; vitamins and minerals.

(Practical work: Protein electrophoresis).

Module 2: Regulation and Control (2 weeks)

Nerve control; endocrine control.

Module 3: Internal Milieu (2 weeks)

Water and Blood; Acid-base balance (Practical work: Haematology).

BLOCK 4

(BOK 281) Pathological Conditions 281 (11 weeks)

Module 1: General Pathology and Immunology (4 weeks)

Cell damage; growth and repair; infection; disturbances in circulation; HLA system; immune response; hypersensitivity; auto-immunity and transplant immunology. Anatomy of the lymphatic system.

Module 2: Principles of Neoplasia (1 week)

Oncogenesis; terminology and biological behaviour of tumours; principles of therapy.

Module 3: Principles of Infections (3 weeks)

General principles with regard to infectious diseases; including bacterial parasitosis; fungi and virus diseases. Principles of anti-microbial chemotherapy.

Module 4: Infectious diseases (3 weeks)

Capita selecta from important infectious diseases in developing communities.

SA 4

(GNK 288) Anatomy (Dissection) 288 (150 hours/13 weeks)

Upper limbs; neck and back; head; brain; thorax; abdomen; pelvis; lower limbs.

BLOCK 2

(BOK 282) Man and his Environment 282 (6 weeks)

Module 1: Man and his environment (4 weeks)

Man and disease; family and social concepts in Medicine; communication in Medicine; normal sexual response; role of medical genetics in modern medicine; health and community health; industrial health; medical ethics.

Module 2: (KMH 200) Clinical Oral Medicine 200

Introduction to the various disciplines of Oral Health. Offers the opportunity to assist senior students in these disciplines.

SA 5

(GNK 283) Introduction to Clinical Medicine 283 (2 weeks)

The Bio-psychosocio model; the biomedical model; the GOSH model; introduction to clinical departments.

BLOCK 6

(GNK 225) Blood 225 (2 weeks)

Conversion of blood cells and plasma; clinical, dietary and social aspects of blood diseases; review of haemastasis; colonel diseases; blood transfusion and transfusion reactions; haematology in Africa; haematology in pregnancy; neonatus and children. Haematological malignant neoplasia: Basic and clinical information with regard to this group of diseases, including healing ability with regard to Lymphoma; Leukaemia; Myeloproliferative diseases; and immunoproliferative diseases.

SYLLABI FOR THE BChD DEGREE (Amended third year of study)

YEAR 3: SEMESTER 1

BLOCK 6B

(GNK 381) Heart and Bloodvessels 381 (6 weeks)

Discussion of the important diseases in order to obtain a complete overview of the disease, which will include Anatomy, Physiology, Pathology, Pharmacology and Clinical Medicine.

BLOCK 7

(GNK 383) Lungs and Chest 383 (4 weeks)

Discussion of the important diseases in order to obtain a complete overview of the disease, which will include Anatomy, Physiology, Pathology, Pharmacology and Clinical Medicine.

Note: The syllabuses of the remaining prescribed courses for the third year of study are available from the Head: Faculty Administration.

EXISTING SYLLABI OF THE VARIOUS DEPARTMENTS AND DIVISIONS OF THE FACULTY OF DENTISTRY

BChD DEGREE

COMMUNITY DENTISTRY

Clinical Oral Medicine:

The course consists of lectures and practical training in the following:

1. Preventive dentistry.
2. Stomatological orientation.

Community Dentistry 500:

The course extends over the fourth and fifth year of study and includes lectures, seminars and discussions on the following:

1. Primary prevention of dental and oral diseases.
2. Dental epidemiology.
3. Public dentistry.

Practice Management 610

The course is offered in the final year and includes lectures, seminars and discussions in: Practice Management, including Dental Ethics, Health legislation and legislation with regard to Dentistry.

DENTAL MATERIALS**(THM 500) Dental Materials 500 - 15 lectures per year.**

Type I-IV gold alloys. Non-precious metal alloys. Alloys and porcelain for Porcelain/Metal techniques. Porcelain and ceramic restorative materials. Impression materials. Related materials.

MAXILLO-FACIAL AND ORAL SURGERY

- (a) Surgical Anatomy: applied surgical anatomy.
- (b) Examination, anaesthesia, distress: examination of a surgical patient, stress control and sedation, local anaesthetics, local anaesthetic techniques, applied pharmacology and prescription (synoptic), emergency procedures.
- (c) Basic Oral Surgery: sterilisation and disinfection, oral surgical armamentarium, exodontia and related complications, bleeding problems, antrum.
- (d) Advanced Oral Surgery: Apaiectomy, impactions, electro and cry-osurgery, soft tissue infections and osteomyelitis, pre-prosthodontic surgery (in review).
- (e) Basic Maxillo-Facial Surgery: traumatology, surgical pathology, neuralgias, temporo-mandibular joint derangements.
- (f) Advanced Maxillo-Facial Surgery: Micro surgery (review), orthognathic surgery, facial cleft deformities, cranio-facial surgery (in review).

ORAL BIOLOGY

Systematic training by means of lectures, practical work and demonstrations.

- (a) Embryology and development of the structures of the oral cavity.
- (b) Regional anatomy of the oral cavity.
- (c) Microscopic anatomy of the oral cavity:
 - (i) Dental and supporting tissue. (ii) Salivary glands.
- (d) Functional anatomy of the masticatory apparatus.
- (e) Physiological aspects: Neuro-physiology of the oral cavity with emphasis on conduction of pain; referred pain and taste; saliva; calcium and phosphate homeostasis; endocrine discharge with direct effect on the oral cavity and teeth; nutrition requirements with direct relation to oral cavity and teeth.

ORAL PATHOLOGY

The first two semesters are devoted mainly to systematic training. Clinical instruction will commence during the second semester. Development errors and congenital derangement in the oral cavity. Pathological conditions which influence the eruption, resorption and structure of the dental tissue and the related changes. Diseases of the tooth and its supporting tissue. Forensic Odontology. Oral Microbiology. Diseases of the soft tissue of the oral cavity. Oral manifestations of systemic diseases. Synopsis and classification of tumours and neoplasms of odontogenic and non-odontogenic origin, salivary glands and other related tumours of bone.

ORTHODONTICS

The course extends over the fourth, fifth and sixth year of study. Lectures, practical and clinical work, seminars and discussions on the following: (a) Basic principles and therapeutic measures. (b) Occlusion: development and morphology. (c) Development and growth: cranium. (d) Stainless steel: properties and uses. (e) Orthodontic devices: requirements and types. (f) Changes in tissue. (g) Malocclusion: classification and aetiology. (h) Examination, aids, diagnosis and planning. (i) Bad habits. (j) Preventive and interceptive orthodontics. (k) Treatment: principles, problems with space, methods. (l) The role of extraction. (m) Retention.

PERIODONTICS AND ORAL MEDICINE

Oral Medicine 600

Periodontics 610

The syllabuses of these subjects are available, on request, from the Head: Faculty Administration.

PROSTHETICS

Examination and evaluation of the denture patient, principles and taking of impressions, determination of vertical and horizontal jaw relations and facial bow recording. Aesthetics. Fitting and placing of the finished denture. Post treatment. Clinical aspects of manufacturing of complete and partial dentures, obturators and special apparatus.

RESTORATIVE DENTISTRY

(HTH 500) Restorative Dentistry 500: A continuation of the fourth-year course.

- (a) Basic Restorative Dentistry - 5 lectures and 250 hours of clinical work.
- (b) Crown and Bridge prostheses - 35 lectures and 90 hours of clinical work.
- (c) Pedodontics - 35 lectures and 45 hours of clinical work.
- (d) Endodontics - 5 lectures and 120 hours of clinical work.
- (e) Dental Materials - 5 lectures.

(HTH 610) Restorative Dentistry 610

230 hours of clinical work.

RÖNTGENOLOGY AND DIAGNOSTICS

(a) **Röntgenology 500, 610:**

38 lectures and 80 hours of clinical/practical work mainly in the fourth and fifth year of study. A limited number of discussion classes is organised for the sixth year of study. Basic applied nuclear physics, the design and functioning of röntgen apparatus, röntgenographical principles and techniques, dangers of over-radiation and protection against it as well as the diagnosis of röntgenological injuries of the teeth and jaws.

(b) **Diagnostics 500, 610:**

Diagnostics comprises the development of an analysing ability through which a problem-directed patient care system can be operated. The course extends over five semesters of the last thirty months of training, i.e. the fourth, fifth and sixth years of study.

MChD DEGREE

General information:

1. The content of the basic subjects, subsidiary subjects and attendance courses will be determined by the particular Head of Department in consultation with the Head of the Department of Dentistry.
2. General information concerning content and extent of the basic and subsidiary subjects is available at the Department.
3. Students have to ensure that certificates of satisfactory preparation are acquired for all the attendance courses.

I. Maxillo-Facial and Oral surgery:

Major subject:

Maxillo-Facial and Oral surgery: Experience is acquired through practical and clinical training and supplemented by seminars, discussions, papers and research. Diagnosis, planning, surgical and secondary treatment of diseases, injuries and defects of the human mouth, jaws, face and related structures.

Subsidiary subject:

Oral Pathology: Instruction by the Department of Oral Pathology. This training takes place in the last 18 months (endorsement Chir.Max-Fac.-Med) or during the third and fourth years of study (endorsement Chir.Max-Fac.Dent) of the registrarship. The examination in Oral Pathology must be completed at least six months before the examination in the main subject is written.

Attendance course:

Maxillo-Facial Röntgenology: Attendance of seminars and discussions at the Hospital for Dental and Oral Medicine, the Pretoria Academic Hospital and/or Kalafong Hospital and other approved teaching hospitals, is compulsory.

Endorsements: Chir.Max.Fac. Med and Dent:

1. General information: Permission is granted to the student (Chir. Max. Fac. Med) to register simultaneously for the postgraduate and undergraduate courses as applicable. At the end of the course the student will have complied with all the requirements for the BChD, MBChB and MChD degree.
2. The content of the basic and subsidiary subjects and attendance courses will be determined by the particular Head of Department in consultation with the Department of Maxillo-Facial and Oral Surgery.
3. Basic subjects: Acknowledgement of basic subjects may be granted if the particular subjects have already been passed at an approved institution, as recommended by the Head of Department.
4. Instruction in the major subject extends over a minimum period of 3 years, of which the first year mainly concentrates on minor oral surgery.
5. The student for the endorsement Chir.Max.Fac. Med. can only fulfil his clinical obligations in Principles of Surgery, after he has complied with the requirements for both the BChD and MBChB degrees.
6. Instruction in the subsidiary subject Principles of Surgery

(a) Endorsement Chir.Max.Fac.Med

- | | | |
|-----|--|----------|
| (i) | BVC 806 | |
| | General Surgery (including Paediatric Surgery) | 3 months |
| | Otorhinolaringology | 2 months |

Dentistry

Intensive Care	2 months
Neurosurgery	2 months
Plastic Surgery	2 months
Surgical Orthodontics/ Oral Pathology	1 month

(b) **Endorsement Chir.Max.Fac.Dent.**

Neurosurgery	3 months
Intensive Care	2 months
Paediatric Surgery	2 months
Distress Unit (Family Medicine)	2 months
Plastic Surgery	2 months
Surgical Orthodontics	1 month

7. The instruction in the last two years in the major subject takes place only after having successfully completed Principles of Surgery.
8. The first year of registrarship is acknowledged as an additional year of experience for Medicine and Dentistry if the training in Maxillo-Facial and Oral Surgery is discontinued. However, a student, who discontinues one of the courses, must resign immediately from registrarship.
9. The basic subjects for the courses Maxillo-Facial and Oral Surgery (endorsements Chir.Max.Fac. Med and Chir.Max.Fac. Dent) are identical.

II. Orthodontics:

Major subject:

Orthodontics: (subminimum of 50% in the written paper). Clinical training and treatment of patients. Practical technical exercises in the manufacturing of all types of removable and fixed devices. Basic training in square wire technique. The practical and clinical training is supplemented by seminars, literature discussions and papers that cover all the aspects of Orthodontics.

Basic subjects:

Anatomy: Dissection of the head and neck with particular focus on the embryology, development and growth of cranium and facial complex and the functional anatomy of the jaws.

Physiology: Students attend the lectures for MMed students. Basic physiological principles with particular focus on physiological aspects which relate directly to Orthodontics.

Oral Biology: Oral anatomy, oral histology and oral physiology as well as in-depth knowledge of applied aspects for the orthodontist, are incorporated in Oral Biology.

Subsidiary subject:

Oral Pathology: General Pathology and Oral Pathology. In-depth knowledge of Applied Oral Pathology that relates directly to Orthodontics, is required.

III. Oral Pathology:

Surgical Oral Pathology: An adequate number of biopsies and surgical samples have to be handled and studied, supplemented by special collections. The study of problematic cases for adequate training in the diagnosis of unusually difficult oral lesions.

Oral Cytology: A basic knowledge of oral cytology. The examination of routine oral smears.

Clinical Oral Pathology: Practical experience and the observation of the clinical manifestations of oral and systemic diseases. Clinical discussions in the wards, case study and the attendance of discussions in the departments of Pathology and Dermatology.

Anatomical Pathology: A broad knowledge of general and systematic Pathology is of primary importance.

A reasonable number of autopsies have to be performed by the student; macroscopic and microscopic examinations of surgery samples and discussions have to be attended.

Microtechnique: A broad background of all the aspects of microtechnique is of primary importance.

Microbiology: All the aspects of Microbiology (including diagnostic techniques) which are of importance for the oral pathologist.

Chemical Pathology: A broad knowledge of chemical pathology is required.

Research: Original research or active participation in research will be encouraged.

Lecturing and practical discussion classes for undergraduate students will be conducted by students.

IV. Periodontics and Oral Medicine:

Major subject

Didactic and clinical training: Normal anatomy and histology of the supporting tissue; physiology of the supporting tissue; aetiology and pathogenesis of local and systemic factors which attack the supporting tissue. Classification, epidemiological and preventive aspects of periodontal disease, examination and diagnosis of periodontal disease, therapeutic principles and procedures, periodontal prostheses. Diagnosis and pharmacotherapy of all oral mucosal lesions. Systemic diseases which may be presented with oral manifestations. The temporomandibular joint and muscular system. Re-evaluation and maintenance.

V. Prosthodontics

Major subject: *Prosthodontics:* The rehabilitation of the masticatory apparatus by means of prostheses, including all methods of treatment to provide the patient with an effective masticatory function. The patient is carefully evaluated with regard to the psychosomatic aspects, his nutritional condition and the underlying disease in the mouth and system which may have an influence on the success of the prosthetic therapy. Students must be informed of all the latest therapeutic aids which can be used to the benefit of a prosthetic patient. Function and parafunction of the stomatognathic system, theories which can be applied.

Function and para function of the stomatognathic system, theories and practices regarding occlusion, laboratory techniques, physical and chemical properties of materials that are used, articulating and other instruments that are used, methods that are used to determine jaw movements and position.

Prosthetics: Complete and instant dentures: The treatment of problematic cases; consideration of the desirability of surgical preparation of the mouth and implants.

Partial Dentures: The principles of design; the evaluation of the jaws and supporting tissue for the design of the most efficient removable apparatus, if necessary, in co-operation with other disciplines. Case studies: Cleft palate, implants and the cantilever ward problem. Precision attachments and overlay dentures. Implant dentures. Surgical prostheses: The making of prostheses for the absence of nose, eyes, ears, cleft palates and facial parts.

Restorative Dentistry: Theories and uses related to crown and bridge prosthesis, with endodontics and with partial precision attachment dentures; the temporo-

mandibular joint and the treatment of problems of muscles around the joint. Endosteal implants.

Basic subjects:

Anatomy: Dissection of the head and neck. Particular attention has to be devoted to the embryology and development of the cranium complex and the whole stomatognathic system.

Physiology: Students attend the lectures for MMed students. The basic physiological principles with particular focus on applied physiology with regard to prosthodontics.

Oral Biology: Oral anatomy, oral histology and oral physiology as well as in-depth knowledge of applied aspects for the prosthodontist are incorporated in Oral Biology.

Subsidiary subjects:

Oral Pathology: General Pathology and Oral Pathology. An in-depth knowledge of applied oral pathology related to prosthodontics is required.

Periodontics and Oral Medicine: This subject will be offered by the Periodontics section for a period of two years and it will be completed at the end of the second year of study.

VI. Community Dentistry

Major subject: *Community Dentistry*

- (a) *Preventive Dentistry:* The promotion of health through the prevention and control of stomatopathies.
- (b) *Dental Epidemiology:* Frequency and distribution of stomatopathies in human populations.
- (c) *Dental Community Health:* The development and implementation of dental community programmes.
- (d) *Dental Health Administration:* The effective and efficient management of dental community health programmes.

Basic subjects

Applied Oral Pathology: Applied oral pathology related to community dentistry.

SYLLABI FOR THE UNIVERSITY DIPLOMA IN ORAL HYGIENE

First year:

A. Examination Subjects

- (1) **Oral Hygiene:** (44 lectures).
The subject will be offered by means of lectures and demonstrations. During the second semester, students will be introduced to clinical oral hygiene. General orientation, reception of patients, chair positions, introduction to equipment and instruments, basic terminology, function of oral hygienists in private practice and public dentistry, examination of oral cavity and recording of medical and dental history, dental health training milieu, purpose and aids. Introduction to prophylaxes and primary stadia, application of fluorides and fissure sealants. Chair assistance and introduction to clinical oral hygiene techniques.
- (2) **Anatomy and Histology:** (46 lectures).
 - (a) Lectures and practical work on the basic structure and organisation of the human body.

- (b) The anatomy of the oral cavity and morphology of the teeth, development and eruption of teeth.
- (c) Training in histology of the human body by means of lectures and laboratory sessions.
- (3) **Physiology:** (26 lectures)
The course consists of lectures and practical work. The functioning of the whole body is treated broadly with special emphasis on those mechanisms which are of importance in Dentistry.
- (4) **Microbiology:** (22 lectures)
Basic concepts of Microbiology and how to apply these principles in clinical experiences. The course will be offered by means of lectures and laboratory sessions.
- (5) **Dental Materials:** (59 lectures)
Training in the mechanical, physical and chemical properties of dental materials by means of lectures. Technical procedures related to these materials are illustrated in the laboratory and practically applied by students.
- (6) **Dental Procedures and Medicines:** (56 lectures)
The procedures to be followed in the various Dental fields of study, especially those related to the services of the hygienist. A study is made of medicines used in the different subjects with regard to their pharmacology and administering.

B. Attendance courses:

- (1) **First Aid**
A student must acquire a First Aid Certificate from the South African Red Cross Society or a similar association. The required training for a First Aid Certificate comprises 10 hours of lectures and 10 hours of practical training.
- (2) **Introduction Röntgenology:** (10 lectures).
It is offered during the first semester in view of the practical/clinical work of the second semester. It comprises lectures and demonstrations in röntgenographical techniques, development procedures and protective measures.

Second year:

A. Examination Subjects:

- (1) **Oral Hygiene:** (31 lectures)
Continuation of first year course. Lectures and clinical activities. Prophylaxes and instrumentaria, ultrasonic instruments, hydrotherapeutical devices, electrical tooth brushes and all aspects of mouth physiotherapy. Surface application of fluorides, fissure sealants, local anaesthetics. Oral hygiene principles in special patients, for example hospital patients, invalids, maxillo-facial and oral surgery, prosthetics, orthodontics and patients with abnormal habits. Principles of research, participation in clinical research projects, bookkeeping, charting, recall of patients.
- (2) **Röntgenology:** (38 lectures and 350 hours of clinical/practical work)
Lectures, demonstrations, practical and clinical work in the field of röntgenology, röntgenographical techniques, protective measures and normal röntgenological anatomy. The emphasis is placed on the röntgenographical aspects and the students receive intensive clinical instruction in this field.
- (3) **Oral Pathology:** (30 lectures)
Comprises lectures and laboratory sessions.

Dentistry

Causes and mechanisms of diseases, development disturbances, reactions on injuries, neoplasms, retrogressive changes, metabolic and nutritional disturbances, caries, pulp conditions, discolorations of teeth, stomatitis, endocrine diseases and blood disturbances.

(4) **Community Dentistry:**

Training in the principles of the prevention of dental diseases. The role of nutrition in the promotion of dental and general health. Prevention of caries and periodontal diseases. Fluorides: Local and systematic administration. Public dental services in the Republic of South Africa. Principles of Epidemiology. Students will acquire additional practical experience by visiting different institutions. Group extension will be emphasised.

(5) **Ethics and Jurisprudence**

B. **Attendance courses**

- (1) Sociology
- (2) Psychology

PRIZES AND MEDALS

Name	Donor	Award
Medals for Dentistry students		
Gold Medal of the South African Dental Association	South African Dental Association	A medal for the student who has excelled throughout his or her academic career. (The highest post-graduate award in the Faculty of Dentistry) Results (marks) obtained in all examinations leading to the degree from the first year of study, are taken into account, as well as other academic achievements
Bronze Medals of the South African Dental Association	South African Dental Association	For final year student(s) who obtained the best results in the following disciplines: <ul style="list-style-type: none"> • Diagnostics and Röntgenology • Community Dentistry • Restorative Dentistry • Maxillo-Facial and Oral Surgery • Oral Pathology • Orthodontics • Periodontology and Oral Surgery • Prosthetics
The Good Fellow Medal of the South African Dental Association	South African Dental Association	For a student in the final year who showed strong character, leadership and sportsmanship, as well as achieved satisfactory academic results (post-graduate)
Prizes for Dentistry students		
Department of Health Certificate	Department of Health	For the best achievement in Epidemiology and Community Dentistry
Dr Jan Stegmann Prize	Estate the late Dr J A Stegmann	For the best achievement in clinical basic Restorative Dentistry
Endodontic Society Prize	Endodontic Society of SA	For the best student in Endodontics
G V Black Prize	Dr R Goldberg	For the student who showed particular perseverance in studies for the BChD degree
Harry Goldin Prize	Prof K-W Bütow	For the best final year student in Maxillo-Facial and Oral Surgery
J E Seeliger Award	Dentsply	For the best final year student in Radiography (practical)

Dentistry

Name	Donor	Award
Mentadent P Prize	Elida-Ponds (Pty) Ltd	For the student with the best achievement in Preventive Dentistry
MLS Bank Practice Management Award	MLS Bank	For the best final year student in Practice Management
Oral B Prize	Oral B	For the best student in Dental Materials
P Grant Smith/ Millner Prize	Millner's Dental Supplies	The final year student with the best results in the examination courses of the 5 th and 6 th year of study
South African Council for Dental Mechanics Prize	South African Council for Dental Mechanics	For the best fourth year student in Dental Mechanics
South African Society for Periodontics Prize	South African Society for Periodontics	For the student with the best results in clinical Periodontics and Oral Medicine
Dentsply Prize	Dentsply	For the final year student who achieved the best results in preparing him or herself for practice in Restorative Dentistry
Momentum Centre Clinic Floating Trophy	Momentum Centre Clinic	For the final year student with the best results in the following disciplines: <ul style="list-style-type: none"> • Restorative Dentistry • Maxillo-Facial and Oral Surgery • Orthodontics • Periodontics and Oral Medicine • Prosthetics
Ross Barrowman Prize	The late Prof T R Barrowman	For the best student in removable partial prosthetics
Prossa prizes	Prosthodontics Society	A prize for the best student in the clinical fixed Prosthodontics; and another for the best student in clinical removable Prosthodontics
Kodak Prize	Kodak (SA)	To the final year student who performed the best in Röntgenology (theory_
W A Wiltshire Prize	Prof W A Wiltshire	For the final year student who achieved the highest marks in the 5 th and 6 th year of Clinical Orthodontics
Medal for Oral Hygiene students		
John van der Sandt de Villiers Medal and Floating Trophy	Oral B	For the best final year student in the course

Name	Donor	Award
Prizes for Oral Hygiene students		
Chris Snijman Prize	Oral B	A first, second and a third prize for the three students who obtain the highest marks in the oral examination on subjects in the field of with Oral Hygiene
Department of Health Merit Certificate	Department of Health	For the best student in Epidemiology and Oral Health
Eugénie Brewis Prize	Eugénie Brewis	For the final year student who excelled in community service during the course
P Grant Smith/ Millner Prize	Millner's Dental Suppliers (incorp. P. Grant Smith)	For the best final year student overall in Oral Hygiene clinical procedures
Reinor Prize	Reinor Orthodontics	For the final year student with the best results in the Clinical section of Orthodontics pertaining the Oral Hygiene
South African Society for Oral Hygienists Merit Certificate	South African Society of Oral Hygienists	For the best student overall in the final year of study
Warner Lambert Listerine Award	Warner Lambert	For the final year student with the best results in the theoretical section of the subject Oral Hygiene 200
W C Röntgen Prize	Colgate Palmolive	For the best final year student in the theory of Röntgenology
William Updegrave Prize	Colgate Palmolive	For the best student in the practical/clinical section for Röntgenology
Dental Warehouse Prize	Dental Ware-house	For the student with the best year/examination mark for Preventive Dentistry
Dentsply Prize	Dentsply	For the best student in Dentistry Materials
Kodak Prize	Millner's Dental Suppliers (Kodak)	For the final year student in Oral Hygiene who maintained the best professional relations with fellow students, patients and the personnel of the Section Röntgenology during the course of study
NB. If no student qualifies, the particular award is not made.		

Dentistry

Name	Donor	Award
Others		
Certificate of the Vice-Chancellor and Principal *		
Awarded for outstanding undergraduate academic achievement		
RSC Honorary Medal*	Representative Student Council	For the student who served the student community with excellence

* Not limited to the Faculty of Dentistry

The Afrikaans text of this publication is the official version and will be given precedence in the interpretation of the content.