University of Pretoria Yearbook 2017

BOH (10132001)

Duration of study	3 years
Total credits	420
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Admission requirements

- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; and a candidate who is a graduate of another faculty at the University of Pretoria.
- Life Orientation is excluded in the calculation of the APS.
- Grade 11 final examination results, the NBT results as well as a Value-added Questionnaire will be used for the provisional admission of prospective students.
- Admission to Health Sciences programmes is subject to a selection process.
- The applications of international candidates who come from countries that have medical schools will not be considered for placement in the MBChB programme except where intergovernmental agreements are in place.
- For selection purposes the sum of the results in six subjects, including English, Mathematics and Physical Science, is calculated.
- Candidates, please note that your APS may not drop with more than two points in your final school examination results in order to maintain your provisional admission.
- ?LEASE NOTE that compliance with the minimum admission requirements does not necessarily guarantee admission to any programme in this Faculty.
- Selection queries may be directed to healthapplications@up.ac.za.

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Minimum requirements												
Achievement level												**APS**
English				**Mathematics**				**Physical Science**				
NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
4	3	D	D	4	3	D	D	4	3	D	D	25

Additional requirements

The General Regulations are applicable to bachelor's degrees.

Other programme-specific information

*The final examination for Oral biology (MDB 171) will take place at the end of the second semester together with

Pharmacology (FAR 171) which is a semester module in the second semester.

**Students are exempted from the language modules (ZUL 110, AFR 111 and SEP 110) on the basis of the successful completion of a language proficiency test at the beginning of the year.

Examinations and pass requirements

Examinations of the first, second and third years of study

i. A subminimum of 50% in the examination is required in respect of the examination modules, with a final mark of at least 50% to pass.
ii. A pass mark of at least 70% is required in Preventive oral health.
iii. A student who fails the clinical part of one or more of the modules of the third year must repeat those modules in the ensuing semester, with an examination at the end of the semester. The Dean on the recommendation of the examination moderating committee, will determine the time that must elapse before the student may again report for examination. Students, who are repeating the year of study, retain credit for modules passed, unless determined otherwise, but a certificate of satisfactory preparation and progress must be obtained in all modules passed.
iv. A student who has failed the theoretical part of any module in the third year, final examination, will be admitted to a supplementary examination in that part of the module. A student who fails the supplementary examination may, subject to other faculty regulations, sit an examination at the end of the ensuing semester, but must obtain certificates of satisfactory preparation in all the other modules that he/she has passed.
v. In order to comply with the requirements in (iii) above, and to maintain a specific level of clinical skills, the extent of students' involvement in modules passed, will be contracted with the students concerned, by the module chairperson, at the beginning of the year.
vi. The requirement as stipulated in par.(f.)(i) above, will apply to students who, after repeating a semester, again fail some of the modules.

Promotion to next study year

Promotion to next year of study

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 modules.
ii. Students who are repeating the first year of study, retain credit for examination modules passed, unless otherwise stipulated, but have to obtain a certificate of satisfactory preparation and progress in all the promotion modules. In order to comply with the requirements mentioned above, and to maintain a specific level of clinical skills, the extent of involvement of students in promotion modules passed, will be contracted by the module chairperson with the student(s) concerned, at the commencement of the academic year.
iii. A pass mark of at least 70% is required in the promotion module VKM 171 Preventive oral health 171.

Admission to the third year of study

i. To be admitted to the third year of study, a student must pass in all the second-year modules.
ii. Students who are repeating the second year of study, retain credit for examination modules passed, unless otherwise stipulated, but have to obtain a certificate of satisfactory preparation and progress in all the promotion modules. In order to comply with the requirements mentioned above, and to maintain a specific level of clinical skills, the extent of involvement of students in promotion modules passed, will be contracted by the module chairperson with the student(s) concerned, at the commencement of the academic year.

iii. A pass mark of at least 70% is required in the promotion module VKM 271 Preventive oral health 271.

Academic exclusion

i. A student following the Oral Hygiene programme will only be allowed two opportunities to repeat a year of study. Refer to the General Regulations.
ii. A student who does not comply with the abovementioned requirements but nevertheless wishes to be admitted to the School, may request the Dean/Chairperson in writing to consider his or her application for readmission in accordance with the prescribed procedure.
iii. A student who fails the first year of study must apply for readmission to the programme.

Pass with distinction

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

Curriculum: Year 1

Minimum credits: 160

Fundamental modules

Basic conversational Afrikaans 111 (AFR 111)

Module credits	12.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Afrikaans
Period of presentation	Semester 1

Module content

Basic Afrikaans grammar and pronunciation and a specific technical (oral health) vocabulary is studied and practised to enable students to converse with patients in the professional environment. In this practical module, students are required to memorise phrases and to practise conversation skills under close observation.

Sepedi for beginners 110 (SEP 110)

Module credits	12.00
Service modules	Faculty of Education Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 1 discussion class per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	African Languages
Period of presentation	Semester 1 and Semester 2

Module content

*For absolute beginners only.
*Only students from the School of Healthcare Sciences may take this module during semester 2. All other students must take this module during semester 1. Also note that students from the School of Healthcare Sciences, who already possess the language skills taught in this module, may write an exemption examination. The acquisition of basic Sepedi communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary, within specific social situations.

isiZulu for beginners 110 (ZUL 110)

Module credits	12.00
Service modules	Faculty of Education Faculty of Health Sciences

Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	African Languages
Period of presentation	Semester 1 and Semester 2

Module content

*For absolute beginners only
*Only students from the School of Healthcare Sciences may take this module during semester 2. All other students must take this module during semester 1. Students from the School of Healthcare Sciences, who already possess the language skills taught in this module, may write an exemption examination.
The acquisition of basic isiZulu communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary, within specific situations.

Academic information management 101 (AIM 101)

Module credits	6.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Information Science
Period of presentation	Semester 1

Module content

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology. Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

Academic information management 111 (AIM 111)

Module credits	4.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology
Prerequisites	No prerequisites.
Contact time	MAMELODI, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Information Science
Period of presentation	Semester 1

Module content

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology.

Academic information management 121 (AIM 121)

Module credits	4.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week, MAMELODI
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Informatics
Period of presentation	Semester 2

Module content

Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

Academic English for Health Sciences (BCur, BDietetics, BOH, BOccTher, BRad and BPhysT) 121 (ELH 121)

Module credits	6.00
Service modules	Faculty of Health Sciences

Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Unit for Academic Literacy
Period of presentation	Semester 1

Module content

Academic reading as well as academic writing and presentation skills, based on the approach followed in the healthcare sciences. **Presented to students in Health Sciences only.*

Academic English for Health Sciences122 (ELH 122)

Module credits	6.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 1 discussion class per week
Language of tuition	Module is presented in English
Academic organisation	Unit for Academic Literacy
Period of presentation	Semester 2

Module content

Study of specific language skills required in the Health Care Sciences, including interviewing and report-writing skills. *Presented to students in Health Sciences only. (BCur, BDietetics, BOH, BOT, Brad, BPhysT)*

Academic orientation 110 (UPO 110)

Module credits	0.00
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Health Sciences Dean's Office
Period of presentation	Year

Core modules

Anatomy 171 (ANA 171)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 3 lectures per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Anatomy
Period of presentation	Semester 1

Module content

The emphasis of the study in anatomy is particularly focused on all aspects of the oral cavity, but certain aspects of the anatomy of the head and neck is also included. This involves aspects of the osteology of the skull and jaw bones, the anatomy of the temporomandibular joint, salivary glands, nose, paranasal sinuses, pharynx, larynx and specific muscle groups as well as the cranial nerves, vascular supply and lymphatic drainage of the head and neck, as well as the radiographic features of some of the above.

Pharmacology 171 (FAR 171)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Pharmacology
Period of presentation	Semester 2

Module content

The module will provide the oral hygiene student with appropriate pharmacological knowledge and understanding of drugs that necessitate treatment modification to the patient's treatment plan. The oral hygiene student will be equipped with a practical understanding of pharmaco-therapeutic concepts which are essential for prescribing medicaments used for oral hygiene, and to make an informed choice of a safe suitable local anaesthetic drug for the administering thereof to a patient. He/she must be able to apply knowledge of pharmacology in the clinical setting and in performing procedures pertaining to the scope of oral hygiene.

Physiology 171 (FLG 171)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Physiology
Period of presentation	Semester 1

Module content

Physiology is the study of organisms at a cellular and system level. Physiology will provide the oral hygiene student with the necessary knowledge to understand functioning and abnormalities of the human body, the vital organs necessary for normal functioning and the systems that provide essential communication for the control of the body functions and homeostasis. The module content will serve as pre-knowledge for clinical subjects.

Microbiology and immunology 171 (GMB 171)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	3 lectures per week

Language of tuition	Module is presented in English
Academic organisation	Medical Microbiology
Period of presentation	Semester 1

Module content

This module will provide the oral hygiene student with a thorough basic knowledge of:

- Basic microbiology
- Applied oral microbiology
- Basic immunological principles
- Applied immunology
- Principles of hypersensitivity, auto-immune disease and immunisation

The module content will serve as preknowledge for clinical subjects.

Oral biology 171 (MDB 171)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Oral Pathology and Oral Biolog
Period of presentation	Year

Module content

This module will provide the oral hygiene student with a broad basic knowledge on the development, normal macroscopic and microscopic structure and functions of the oral cavity, teeth and related structures. The module content will serve as pre-knowledge for clinical subjects and oral pathology in the oral hygiene programme.

First aid 171 (NHS 171)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	2.5 days of lectures
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Semester 1

Module content

The practical-orientated first-aid training will empower the oral hygiene student with a working knowledge of day-to-day emergencies, both in the workplace and at home. At this entry-level training the student will partake in the practical aspects of bleeding and wound management, cardio pulmonary resuscitation, care for unconscious patients and choking to name a few. The module content will assist the oral hygiene student in managing medical emergencies in the dental surgery.

Odontology 171 (ODO 171)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 other contact session per week, 1 seminar per week, 2 practicals per week, 1 discussion class per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Odontology
Period of presentation	Semester 2

Module content

This module will enable the oral hygiene student to be competent in the evaluation of the oral health status of the child, adolescent, adult and geriatric patient in terms of diseases related to the hard tissues of the oral cavity plus the pulpa and peri-apical tissues, and be able to:

- correctly diagnose the diseases;
- correctly diagnose the patient's risk profile;
- instruct a patient to be capable of exercising self-protective measures;
- change the behavioural pattern of the patient through motivation;
- create resistant and optimally maintainable dental hard tissues for oral health;
- reverse early lesions where possible;
- refer patients for restorative and rehabilitative treatment.

Orthodontics 171 (ORD 171)

Module credits	9.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Orthodontics
Period of presentation	Semester 2

Module content

This module will empower the oral hygiene student to recognise and refer limited developmental and structural abnormalities of the growing and mature dento-craniofacial structures. It will furthermore provide the student with the knowledge and skills to perform orthodontic procedures pertaining to the scope of oral hygiene. This module will comprise lectures only.

Periodontology 171 (PDL 171)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 1 practical per week
Language of tuition	Afrikaans and English is used in one class

Academic organisation	Periodontics and Oral Medicine
Period of presentation	Semester 2

Module content

This module will provide the oral hygiene student with knowledge of the:
• Macro- and microscopic features of the periodontium
• Function of the periodontium
• Assessment and diagnosis of periodontal diseases
• Determine risk factors of periodontal diseases

Comprehensive patient management 171 (TBW 171)

Module credits	2.00
Prerequisites	No prerequisites.
Contact time	1 other contact session per week, 1 practical per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Dental Management Sciences
Period of presentation	Semester 2

Module content

The purpose of this module is to:
• embed communication skills required during patient management; and
• facilitate an understanding of the patient's psycho-social dimensions that may influence health-related behaviour and customer demand.

Preventive oral health 171 (VKM 171)

Module credits	15.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 1 discussion class per week
Language of tuition	Module is presented in English
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module entails lectures and clinical work, pertaining to the scope of oral hygiene, in the pre-clinical ward. It is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude by means of developing, implementing and evaluating a needs-driven primary and basic-secondary preventive programme for a patient.

Academic competency in oral health 171 (ACO 171)

Module credits	12.00
Prerequisites	No prerequisites.

Contact time	5 lectures per week, 5 practicals per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Semester 1

Module content

This module will introduce the new oral hygiene student to the dental and university environment. It will also serve as the foundation for the total oral hygiene programme and will assist the student to feel more comfortable and settled in the new environment. This module entails the following: • Professionalism and ethics • Group work and communication • Use of the library and correct referencing in assignments • Academic skills such as academic writing and reading, effective studying and how to do assignments • Dental terminology • Dental specialities • Dental instruments, equipment and materials • Dental charting • Infection control • Occupational health and safety • Brushing and flossing

Curriculum: Year 2

Minimum credits: 130

Core modules

Community as patient 271 (GAP 271)

Module credits	14.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	Community Engagement, 1 lecture per week for 24 weeks, 2 practicals per week (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

The module will enable the oral hygiene student to diagnose the oral health problems of any given community. Application of the knowledge gained from the module will enable him/her to participate in relevant primary and secondary preventive programmes to improve the oral health of that community in accordance with the public Oral Health Policy of the RSA. Oral hygiene students will visit special schools, nursery schools and hospitals where oral health programmes are implemented and maintained.

Odontology 271 (ODO 271)

Module credits	7.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	20 practicals (30 week period), 2 lectures per week for 15 weeks
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Odontology
Period of presentation	Year

Module content

This module is a continuation of Odontology 171. It will enable the oral hygiene student to be competent in the evaluation of the oral health status of the child, adolescent, adult and geriatric patient in terms of diseases related to the hard tissues of the oral cavity plus the pulpa and peril-apical tissues, and be able to:
• Correctly diagnose the diseases
• Correctly diagnose the patient’s risk profile
• Instruct a patient to be capable of exercising self-protective measures
• Change the behavioural pattern of the patient through motivation
• Create resistant and optimally maintainable dental hard tissues for oral health
• Reverse early lesions where possible
• Refer patients for restorative and rehabilitative treatment

Orofacial surgery 271 (OFC 271)

Module credits	11.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	1 lecture per week for 20 weeks, 1 practical per week (28 week period)
Language of tuition	Module is presented in English
Academic organisation	Maxillo-Facial + Oral Surgery
Period of presentation	Year

Module content

This module is designed to provide the oral hygiene student with knowledge and skills regarding: • Local anaesthetics • Oral surgery procedures • Traumatology and • Basic knowledge regarding advanced maxillo-facial surgery.

Orthodontics 271 (ORD 271)

Module credits	6.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	1 practical per week (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Orthodontics
Period of presentation	Year

Module content

This module will empower the oral hygiene student to recognise and refer limited developmental and structural abnormalities of the growing and mature dento-cranofacial structures. It will furthermore provide the student with the knowledge and skills to perform orthodontic procedures pertaining to the scope of oral hygiene. The module consists of lectures and clinical work.

Periodontology 271 (PDL 271)

Module credits	11.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	1 lecture per week for 16 weeks, 1 practical per week (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Periodontics and Oral Medicine
Period of presentation	Year

Module content

This module is a continuation of Periodontology 171 and will provide the oral hygiene student with knowledge of: • Periodontal diseases • Pathogenesis of periodontal diseases • Implantology • Surgical procedures The module will also enable the oral hygiene student to: • Compile, exercise and evaluate a comprehensive and effective preventive, therapeutic and maintenance plan for the periodontal patient • Actively participate in the prevention, treatment and maintenance of periodontal conditions

Radiography 271 (RAD 271)

Module credits	20.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	1 lecture per week for 30 weeks, 2 practicals per week (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Oral Pathology and Oral Biolog
Period of presentation	Year

Module content

The oral hygiene student must be competent to produce a variety of intra- and extra-oral radiographs of good diagnostic quality. He/she must also recognise relevant anatomical landmarks on a radiograph and distinguish between normal and abnormal appearances. He/she must at all times be conscious of possible deleterious effects of radiation on biological systems.

Comprehensive patient management 271 (TBW 271)

Module credits	3.00
Prerequisites	ELH 121, ELH 122, AIM 101, ACO 171, ANA 171, FAR 171, FLG 171, GMB 171, MDB 171, ODO 171, ORD 171, PDL 171, TBW 171, VKM 171, NHS 171
Contact time	1 lecture per week, 1 practical per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Dental Management Sciences
Period of presentation	Year

Module content

The purpose of this module is to:
• Embed aspects related to occupational health and safety
• Embed communication skills required during patient management
• Develop presentation skills to address large audiences
• Facilitate an understanding of professionalism and ethical behaviour
• Embed knowledge about legal aspects that are related to dentistry
• Embed knowledge/skills in terms of administrative management and scheduling in a dental practice
• Embed psychological aspects pertaining to patient management
• Facilitate the management of a primary preventive treatment plan
• Provide primary preventive treatment in cooperation with senior BChD students

Preventive oral health 271 (VKM 271)

Module credits	58.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week for 30 weeks, 6 practicals (30 week period)
Language of tuition	Module is presented in English
Academic organisation	Community Dentistry
Period of presentation	Semester 2

Module content

This module is a continuation of Preventive Oral Health 171 and is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude by means of devising, implementing and evaluating a needs-driven primary and basic-secondary preventive programme for a patient. This module entails lectures and clinical work, pertaining to the scope of oral hygiene, on real patients.

Curriculum: Final year

Minimum credits: 130

Core modules

Community as patient 371 (GAP 371)

Module credits	13.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	2 practicals, 2 practicals per week (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module consists of practical work in the community only and is a continuation of Community as Patient 271.

Maxillo-facial pathology 371 (MFP 371)

Module credits	8.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	1 lecture per week for 30 weeks
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Oral Pathology and Oral Biolog
Period of presentation	Year

Module content

This module introduces the oral hygiene student to the maxillo-facial pathology commonly encountered in general practice. It will enable the student to differentiate between variants of normal and pathological lesions. A basic knowledge of the etiology, pathogenesis, and clinical appearance of the lesions will be acquired. Selected treatment modalities relevant to the oral hygienist will also be discussed in this module.

Patients with special needs 371 (PSB 371)

Module credits	12.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	2 lectures per week for 30 weeks, 1 seminar for 3 hours
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

Patients with special needs pose unique challenges, especially in relation to the need for an inventive and carefully planned approach suited to each individual's needs. This module will therefore equip the oral hygiene student to manage patients in this regard. The focus is on adapting and modifying the approach and management of the patient according to the specific need for instance pregnancy, physical and mental disabilities, medical conditions and age.

Research 371 (RCH 371)

Module credits	5.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	10 lectures
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module will assist the oral hygienist student to become competent in the area of research by becoming active consumers of research to improve their practice and also taking part in research in the area of oral health. The student must demonstrate the ability to take part in an oral health research project under the guidance of an experienced researcher and report on aspects of the research project such as the type of research, the elements of a scientific research methodology, the data collection and the statistical method(s) used in the project and the results.

Preventive oral health 371 (VKM 371)

Module credits	36.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	6 practicals (30 week period)
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module entails clinical work, pertaining to the scope of oral hygiene, on patients in the preventive clinic. The module is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude by means of devising, implementing and evaluating a primary and basic-secondary preventive programme for a patient.

Counselling 371 (COU 371)

Module credits	5.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	1 lecture per week

Language of tuition	Module is presented in English
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module will equip the oral hygiene student with the theoretical underpinning for behavioural change and the necessary skills to counsel a patient on lifestyle behavioural change. This would include, but not limited to promoting a healthy diet and smoking cessation. This would consist of both lectures and practical sessions with clients/patients.

Orofacial surgery 371 (OFC 371)

Module credits	6.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	1 practical per week
Language of tuition	Module is presented in English
Academic organisation	Maxillo-Facial + Oral Surgery
Period of presentation	Year

Module content

This module is a continuation of Orofacial surgery 271 and will consist of clinical work only.

Radiography 371 (RAD 371)

Module credits	20.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English is used in one class
Academic organisation	Oral Pathology and Oral Biolog
Period of presentation	Year

Module content

This module is aimed at providing the oral hygiene student with the necessary skills, attitude and relevant knowledge by studying the following aspects in radiation physics relevant to dentistry:
• Electromagnetic waves – their properties and behaviour
• X-rays – their specific properties, sources of X-rays and production of X-rays
• Construction of the X-ray tube
• Accurate image formation
• Interaction of photons with living tissues
• Radiation biology
• Radiation protection
• ALARA principle
• Quality control measures
This module furthermore entails practical work in the Radiology section.

Comprehensive patient management 371 (TBW 371)

Module credits	3.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	2 practicals per week, 1 other contact session per week, 1 lecture per week
Language of tuition	Module is presented in English
Academic organisation	Dental Management Sciences
Period of presentation	Year

Module content

The purpose of this module is to:
• Facilitate an understanding of technology management and maintenance
• Embed knowledge/skills in terms of administrative management and scheduling in a dental practice
• Facilitate an understanding of customer needs and demands
• Embed knowledge/skills regarding internal marketing in a dental practice
• Facilitate career management abilities
• Facilitate and understanding of an employee's rights in terms of the labour law
• Facilitate an understanding of an oral hygienist's role in the management of a dental practice
• Facilitate the management of a primary preventive treatment plan
• Provide primary preventive treatment in cooperation with senior BChD students

Elective modules

Orthodontics 372 (ORD 372)

Module credits	22.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in English
Academic organisation	Orthodontics
Period of presentation	Year

Module content

This module is chosen as an elective and planned around orthodontics as a main field of study. This module will include:
• Cephalometric analysis
• Different fixed orthodontic techniques
• Orthodontic procedures pertaining to the scope of oral hygiene
• Presentation of seminars

Periodontology 372 (PDL 372)

Module credits	22.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271

Contact time	1 lecture per week, 2 practicals per week, 1 discussion class per week
Language of tuition	Module is presented in English
Academic organisation	Periodontics and Oral Medicine
Period of presentation	Year

Module content

This module is chosen as an elective around the field of periodontics as main field of study. The module will provide the oral hygiene student with an in depth overview of the current status of Periodontics with the emphasis on the clinical application, understanding and role of the oral hygienist as part of the team. The purpose is to train the oral hygiene student to be competent in applying his/her expertise and knowledge in the prevention and treatment of periodontal diseases.

Public oral health 371 (POH 371)

Module credits	22.00
Prerequisites	ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271
Contact time	2 practicals per week, 1 lecture per week
Language of tuition	Module is presented in English
Academic organisation	Community Dentistry
Period of presentation	Year

Module content

This module is chosen as an elective to further studies in the field of community dentistry. This module will provide the oral hygiene student with a deeper understanding and skills in the fields of Preventive Dentistry, Oral Epidemiology, and Administration and Management. This will enable him/her to be able to develop and manage a needs-related preventive programme for the individual high risk patient and also for a specific community or population. It will be expected of the student to submit a minor research report demonstrating his/her understanding and skills in the field of public oral health. The main subject consists of four syllabus themes, namely:
• Preventive dentistry
• Oral epidemiology
• Project management
• Minor research report

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