University of Pretoria Yearbook 2018

BA Audiology (01130105)

Minimum duration of study	4 years
Total credits	480
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Programme information

The purpose of this four-year degree package is to provide qualifying students with in-depth knowledge of the hearing process within the context of human communication, the causes and symptomatology of hearing and vestibular difficulties and the scientific basis of intervention with a person with a hearing or vestibular disorder or those at risk of developing such pathology, often due to the high burden of disease in South Africa. This intervention can occur in a one-to-one situation, in group therapy, by using a multidisciplinary team approach or by means of community-based intervention. The qualification includes applied competence such as practical skills to improve or enhance the aural, vestibular and/or communication abilities of those adversely affected by a hearing or vestibular disability or those at risk of developing such disabilities. The qualification furthermore complies with international academic requirements.

Closing date for application: 30 June annually

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.
- To retain admission, learners will be expected to obtain an APS of at least 32 in Grade 12.
- The NBT is not applicable to this programme.
- PLEASE NOTE: Only students who indicated this programme as their first choice on the Application Form, will be considered.
- Life Orientation is excluded when calculating the APS.

Minimum requirements								
Achievement level								APS
Any two languages of which Afrikaans or English should be one				Mathematics				
NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
5	3	C	C	4	3	D	D	32

Additional requirements

Departmental selection takes place.

Practising audiologists should have good speech production and language use to serve as a model for individuals with vestibular and hearing disorders. They should also have good hearing, vision, and motor ability in order to assess and treat individuals with a variety of vestibular disorders.

Other programme-specific information

Students who are deemed to be at risk of their level of academic literacy are compelled to take ALL 110.

Students who are deemed NOT to be at risk of their level of academic literacy may substitute ALL 110 with SEP 110 or ZUL 110.

Please note:

- Change over from one programme to the other at the end of the first year of study will be subject to available space in the second year of study and to a selection process.
- To pass a module, a subminimum of 40% has to be achieved in each subsection of the following modules: Audiology (ODL), Human communication (KMP) and Speech-language pathology (SPP).

Pass with distinction

In order to pass the degree with distinction a student has to obtain:

- a final mark of 70% or higher for *each* of the modules of the final year;
- an average of 75% or higher for the Audiology modules at fourth-year level; and also
- a final mark of 75% or higher for one of the theoretical modules, ODL 410 or ODL 420.

Curriculum: Year 1

Minimum credits: 114

Fundamental modules

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 and Religion Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	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 literacy 110 (ALL 110)

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

Module content

This module intends to equip students to cope more confidently and competently with the reading and understanding of a variety of texts, to apply these skills in a variety of contexts and to follow the conventions of academic writing.

Academic orientation 101 (UPO 101)

Module credits	0.00
Prerequisites	No prerequisites.
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Deans Office
Period of presentation	Year

Core modules

Anatomy 111 (ANA 111)

Module credits	5.00
Service modules	Faculty of Humanities
Prerequisites	No prerequisites.
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Anatomy
Period of presentation	Semester 1

Module content

Anatomy for communication pathology
This module is on the theory and practical experience of the structure of the organs involved with speech production and hearing excluding neuro-anatomy. Anatomical terminology and elementary study of tissues; gross anatomy of structures involved with speech production and hearing: larynx, skeletal components and muscles involved with respiration, viscera of the respiratory system, bones and paranasal sinuses of the skull, synopsis of the cranial nerves, structure of the viscera of the vocal tract, structure of the ear; embryology of the face, palate, tongue, larynx and ear.

Physiology 110 (FSG 110)

Module credits	6.00
Service modules	Faculty of Humanities Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	3 lectures per week
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Semester 1

Module content

Introduction (terminology and anatomical orientation); chemical principles; cytology and histology; neuro-physiology and the senses; haematology and body fluids; cardiovascular system.

Physiology 120 (FSG 120)

Module credits	6.00
Service modules	Faculty of Humanities Faculty of Natural and Agricultural Sciences
Prerequisites	FSG 110
Contact time	3 lectures per week
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Semester 2

Module content

Respiratory system; nutrition; digestion and metabolism; kidneys and acid-base equilibrium; endocrinology; reproduction physiology and reproduction; skin and body temperatures.

Integrated healthcare leadership 120 (IHL 120)

Module credits	8.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Nursing Science
Period of presentation	Semester 2

Module content

Leadership and multidisciplinary team work. Healthcare systems and legislation. Determinants of health. Introduction to healthcare models (e.g. community-based care, family-centred care, etc.). Professionalism, Ethical principles. Management of diversity. NB: Only for School of Healthcare Sciences and Department of Speech-Language Pathology and Audiology students.

Medical terminology 180 (MTL 180)

Module credits	12.00
Service modules	Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Ancient and Modern Languages and Cultures
Period of presentation	Semester 1 and Semester 2

Module content

The acquisition of a basic medical orientated vocabulary compiled from Latin and Greek stem forms combined with prefixes and suffixes derived from those languages. The manner in which the meanings of medical terms can be determined by analysing the terms into their recognisable meaningful constituent parts, is taught and exercised. The functional use of medical terms in context as practical outcome of terminological application is continually attended to.

Audiology 110 (ODL 110)

Module credits	5.00
Prerequisites	Admission into relevant programme
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Receptive processes in communication. Introduction to audiological assessment. The basic audiometric test battery: the initial interview and the case history; the otoscopic examination; tuning fork tests; pure-tone audiometry (air conduction testing, bone conduction testing, masking and the audiometric Weber); speech audiometric tests (threshold and above-threshold tests); immittance testing (screening) and an overview of audiometric test procedures. Principles of audiological screening.

Audiology 120 (ODL 120)

Module credits	7.00
Prerequisites	Admission into relevant programme
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
Application of the basic test battery and types of hearing loss. Introduction to amplification (theory and practical application) and aural rehabilitation: The population of persons with hearing loss in South Africa as well as the role of the audiologist in aural rehabilitation.

Psychology 110 (SLK 110)

Module credits	12.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Health Sciences Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Psychology
Period of presentation	Semester 1

Module content

This module is a general orientation to Psychology. An introduction is given to various theoretical approaches in Psychology, and the development of Psychology as a science is discussed. Selected themes from everyday life are explored and integrated with psychological principles. This module focuses on major personality theories. An introduction is given to various paradigmatic approaches in Psychology.

Psychology 120 (SLK 120)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Health Sciences Faculty of Natural and Agricultural Sciences
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Psychology
Period of presentation	Semester 2

Module content

This module introduces the student to a basic knowledge and understanding of the biological basis of human behaviour. The module addresses the key concepts and terminology related to the biological subsystem, the rules and principles guiding biological psychology, and identification of the interrelatedness of different biological systems and subsystems. In this module various cognitive processes are studied, including perception, memory, thinking, intelligence and creativity. Illustrations are given of various thinking processes, such as problem solving, critical, analytic and integrative thinking.

Speech-language pathology 110 (SPP 110)

Module credits	5.00
Prerequisites	Admission into relevant programme
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class

Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Principles of typical development. Description of prenatal development of the oro-facial structures and teratogenic influences. Cognitive and socio-emotional development, attachment, care patterns, and the relevance thereof for communication development. Typical communication development: Speech and language development; communication variation.

Speech-language pathology 120 (SPP 120)

Module credits	7.00
Prerequisites	Admission into relevant programme
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection.
Introduction to communication disorders. Theoretical principles of assessment and intervention in communnication disorders; basic assessment protocol; procedures and techniques. Introduction to ethical principles and standards. Theoretical basis of prevention and primary health care; prevention programmes for speech, language and hearing disorders with special emphasis on identification in primary healthcare.

Speech science 110 (SWL 110)

Module credits	6.00
Prerequisites	Admission to relevant programme
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed- requires departmental selection
Introduction to linguistics. Speech, language and communication. Application of pragmatic theories to the study of language, semantics, syntax, morphology, phonology, normal receptive and expressive processes.

Speech science 120 (SWL 120)

Module credits	6.00

Prerequisites	Admission to relevant programme.
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

* Closed - requires departmental selection.

Introduction to acoustic phonetics. Introduction to physics of sound. Resonance and speech, speech acoustics, speech sound spectrography (experimental phonetics).

Speech science: 181 (SWL 181)

Module credits	5.00
Prerequisites	admission to relevant program
Contact time	28 practicals
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed- requires departmental selection
Introduction to articulatory phonetics. The speech communication process – production phase. The speech organs: position and function. Different airstream mechanisms, consonant table, articulatory and perceptual characteristics of consonants, including phonetic symbols and diacritics.

Curriculum: Year 2

Minimum credits: 129

Select one of the following: SEP 110 or ZUL 110

Core modules

Integrated healthcare leadership 210 (IHL 210)

Module credits	8.00
Prerequisites	IHL 112/2/3, IHL 120
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Nursing Science
Period of presentation	Semester 1

Module content

Principles of project management. Communication principles. Leadership. Health promotion and education, advocacy and literacy. Counselling for health behaviour change. NB: Only for School of Healthcare Sciences and Speech- Language Pathology and Audiology students.

Human communication 210 (KMP 210)

Module credits	5.00
Prerequisites	ODL 110, ODL 120, SPP 110, 120
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed requires departmental selection
Intervention for children with hearing loss: the shared role of the speech-language therapist and audiologist; neurological foundations of listening and talking; language and speech of the child with a hearing loss;auditory training; parent guidance; intervention for auditory neuropathy spectrum disorder. Inter- and transdisciplinary involvement with clients who have hearing and communication disorders by drawing up service plans for individuals and families.

Human communication 220 (KMP 220)

Module credits	5.00
Prerequisites	ODL 110, ODL 120, SPP 110, SPP 120
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class

Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
Early communication intervention: Principles and approaches, description of risk populations, screening, assessment and intervention of infants and toddlers at risk of communication delay, caregiver education. Auditory processing disorders: Organic and non-organic causes; the central auditory nervous system; different approaches to auditory processing and auditory processing disorders. Description and profiling of auditory processing disorders, screening procedures, assessment and intervention. A transdisciplinary approach to auditory processing disorders.

Neuro-anatomy for communication pathology 211 (NAN 211)

Module credits	7.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 practical per week
Language of tuition	Module is presented in English
Department	Anatomy
Period of presentation	Semester 1

Module content

This module focuses on the theory and practical experience of the structure of the central nervous system, course and distribution of the cranial nerves and embryology of the central nervous system. Division; embryology of the central nervous system; histology of the nervous system; gross anatomy: spinal cord, brain stem, cerebral hemispheres, ventricles, meninges and circulation of cerebro-spinal fluid, blood circulation, cranial nerves, autonomic nervous system and tracts of the CNS.

Neuro-physiology 221 (NFG 221)

Module credits	7.00
Prerequisites	FSG 110 and FSG 120
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Semester 2

Module content

Neuronal physiology, central nervous system, peripheral nervous system, including the afferent and efferent divisions.

Audiology 210 (ODL 210)

Module credits	10.00

Prerequisites	ODL 110,120
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Pathology of the auditory system as foundation for audiological diagnosis. Acoustical measurement, calibration, standards and technical aspects of audiology. Advanced applications of the audiometric test battery including psychoacoustic tests for site-of-lesion testing and functional hearing loss assessment; oto-acoustic emission testing. Preventative audiology: the auditory and non-auditory effect of noise; hearing conservation programmes; noise measurement and management; hearing assessment in industry; hearing protection and hearing protectors.

Audiology 220 (ODL 220)

Module credits	10.00
Prerequisites	ODL 110,120
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
Amplification systems; the stages of hearing aid fitting; assistive listening devices and technologies; advanced hearing aid fitting; hearing aid fitting strategies for adults; invasive hearing devices. Aural rehabilitation: the assessment and intervention of a person with a hearing loss. Communication evaluation and rehabilitation of the geriatric client and adult with acquired hearing loss. The components of an aural rehabilitation programme.

Audiology: Practical 281 (ODL 281)

Module credits	5.00
Prerequisites	ODL 110,120,
Contact time	28 seminars, 40 practicals
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Practical application: diagnostic audiology procedures on the adult with a congenital and acquired hearing loss; diagnostic immittance test procedures; practical application of psychoacoustic tests. Performing screening audiometry on all populations. Practical exposure to diagnostic and advanced applications of immittance testing, psycho-acoustic site-of-lesion testing and tests for functional hearing loss. Observation of an audiology private practice and adult hearing aid fitting. Preventative audiology practical.

Sepedi for beginners 110 (SEP 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 are used in one class
Department	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.

Psychology 210 (SLK 210)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Health Sciences Faculty of Natural and Agricultural Sciences
Prerequisites	SLK 110, SLK 120(GS)
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Psychology
Period of presentation	Semester 1

Module content

In this module human development from conception through adolescence to adulthood is discussed with reference to various psychological theories. Incorporated are the developmental changes related to cognitive, physical, emotional and social functioning of the individual and the context of work in adulthood. Traditional and contemporary theories of human development explaining and describing these stages are studied in order to address the key issues related to both childhood and adulthood.

Psychology 220 (SLK 220)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Health Sciences Faculty of Natural and Agricultural Sciences
Prerequisites	SLK 110, SLK 120(GS) and (RES 210 recommended)
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Psychology
Period of presentation	Semester 2

Module content

This module is a social-psychological perspective on interpersonal and group processes. Themes that are covered include communication, pro-social behaviour, social influence and persuasion, political transformation, violence, and group behaviour.

Setswana for beginners 110 (STW 110)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	African Languages
Period of presentation	Semester 1

Module content

* For absolute beginners only.

The acquisition of basic Setswana communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary with specific social situations.

Speech science 210 (SWL 210)

Module credits	10.00
Prerequisites	SWL 110,120

Contact time	2 lectures per week, 4 clinical training sessions
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Perceptual analysis of speech and voice disorders. Theoretical aspects of scientific collection and recording of speech and voice samples. Perceptual analysis of fluency disorders, voice disorders, developmental phonological and articulation disorders, cleft speech, apraxia and dysarthria, speech of persons with hearing loss.

Speech science 220 (SWL 220)

Module credits	10.00
Prerequisites	SWL 110,120
Contact time	2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
South African sign language in relation to international sign languages. The principles of sign language – lexicon and grammar. The role and utilisation of sign language interpreters. Augmentative and alternative communication. Different issues and principles related to augmentative and alternative communication intervention: multicomponent systems, requisites and support systems. The application of different systems, in particular the use of technology in daily living.

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 are used in one class
Department	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.

Curriculum: Year 3

Minimum credits: 143

Core modules

Integrated healthcare leadership 310 (IHL 310)

Module credits	8.00
Prerequisites	IHL 111/2/3, IHL 120, IHL 210, IHL 221/2/3/4
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Nursing Science
Period of presentation	Semester 1

Module content

Community needs assessment. Leadership in community development. Planning and implementation of collaborative community-based interventions. Application of principles of monitoring and evaluation. NB: Only for School of Healthcare Sciences and Department of Speech - Language Pathology and Audiology students.

Human communication 320 (KMP 320)

Module credits	10.00
Prerequisites	KMP 210, KMP 220
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
Service-related professional functions in Audiology and Speech-Language Pathology: Consultation, counselling, education and management. The audiologist and speech-language therapist as consultants in developing countries; medico-legal consultation. Consultation with and education of other professional groups. Counselling of a person with a communication disorder and family after the loss of normal communication or hearing. The speech-language therapist and audiologist as managers: Administration, finances, personnel, purchases and budget. Principles of service delivery in the health system. Organisation of the health system.Neurodevelopmental supportive care and neonatal communication intervention.

Human communication: Practical 381 (KMP 381)

Module credits	5.00
Prerequisites	KMP 210, 220
Contact time	20 seminars, 6 practicals, 70 clinical training sessions

Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Curricular community engagement and its application in Audiology and Speech-Language Pathology. Planning, developing and executing community-based rehabilitation programmes; applying professional functions with special reference to promotion of normal hearing and communication skills; prevention, training and collaboration in communities. Experiential learning in a public hospital. Neonatal communication intervention in practice.

Audiology 310 (ODL 310)

Module credits	10.00
Prerequisites	ODL 210, 220, 281
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Electrophysiological assessments of the auditory system and vestibular system, including the range of Auditory Evoked Potentials (ECochG, ABR, ASSR, MLR, ALLR, P300, VEMP), and tests of vestibular functioning and rehabilitation of vestibular disorders. Auditory processing disorders; screening; audiological assessment and intervention. Tinnitus and hyperacusis assessment and management.

Audiology 320 (ODL 320)

Module credits	10.00
Prerequisites	ODL 210, 220, 281
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed – requires departmental selection
Theory of pedo-audiology: identification, diagnosis and intervention. Early identification programmes in terms of the rationale, procedures and protocols, quality standards and benchmarks. Diagnostic test procedures according to developmental ages, including application of electrophysiological procedures for auditory functioning, behavioural observation, visual reinforcement and conditioned play audiometry. Principles of early intervention and paediatric amplification. Conveying the diagnosis of hearing loss and counselling. Stages of paediatric hearing aid fittings: prescription and selection of amplification, verification, orientation and training, validation and follow-up. Challenges of paediatric hearing aid fittings.

Audiology: Practical 381 (ODL 381)

Module credits	9.00
Prerequisites	ODL 210, 220, 281
Contact time	14 seminars, 36 practicals, 40 clinical training sessions
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Hearing aid selection, fitting, verification and adaptation for the adult population. Assessment and intervention of the geriatric client and the adult client with adventitious acquired hearing loss. Assessment, counselling and rehabilitation of the client with Tinnitus and hyperacusis.

Audiology: Practical 382 (ODL 382)

Module credits	10.00
Prerequisites	ODL 210, 220, 281
Contact time	14 seminars, 20 clinical training sessions, 44 practicals
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Advanced audiological assessments including electrophysiological measures such as oto-acoustic emissions and auditory evoked potentials. Vestibular assessments on patients with vertigo/dizziness and disequilibrium, and vestibular rehabilitation. Assessment of auditory processing disorders.

Research methodology for healthcare sciences 300 (RHC 300)

Module credits	30.00
Prerequisites	IHL 110, IHL 121/2/3/4; (ELH 121 and 122); AIM 111 or 101

Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Nursing Science
Period of presentation	Year

Module content

Concepts of research; research process; research studies appraisal; planning and developing literature review; developing research idea and research question; research principles in designing research proposal; research proposal writing

Psychology 310 (SLK 310)

Module credits	30.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Natural and Agricultural Sciences
Prerequisites	SLK 210(GS), SLK 220(GS)
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Psychology
Period of presentation	Semester 1

Module content

Identification of abnormal behaviour in children based on knowledge of normal childhood development; introduction to the study of various models pertaining to abnormal behaviour; understanding and application of basic concepts in child psychopathology. This module also provides an introduction to psychopathology and symptomatology of adult abnormal behaviour. Terminology, definitions of abnormal behaviour, problems in diagnosis, labelling, and myths regarding abnormal behaviour are discussed. Neurosis as a specific mental disorder is studied critically from a multidimensional perspective, including intrapsychic, interpersonal and social-cultural explanations.

Curriculum: Final year

Minimum credits: 115

Core modules

Human communication 481 (KMP 481)

Module credits	30.00
Prerequisites	SPP 310, SPP 320 or ODL 310, ODL 320
Contact time	14 discussion classes per week, 14 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
To compile a research report based on a critical investigation on a profession-specific topic.

Human communication: Practical 482 (KMP 482)

Module credits	15.00
Prerequisites	KMP 320, 381
Contact time	21 seminars, 23 clinical training sessions, 23 practicals
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Early communication intervention: clinical application of assessment and intervention principles of infants and young children at risk for communication disorders. Family-centred approach and teamwork. The role and functions of speech-language therapists and audiologists in kangaroo mother care. Facial cleft deformities - clinic practical.

Audiology 410 (ODL 410)

Module credits	20.00
Prerequisites	ODL 310, 320, 381, 382
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 1

Module content

*Closed – requires departmental selection
Educational audiology: Definition, intervention and educational issues. Evaluation and intervention of the child with a hearing loss with specific reference to early intervention strategies to develop a child's auditory skills and expressive and receptive language, communication methods, collaboration and consultation. Implantable devices: cochlear implants, middle-ear implants, auditory brainstem implants, bone anchored hearing aids. Cochlear Implants: acoustic and electrical hearing; cochlear implant systems; the process of cochlear implantation, the cochlear implant team; medical and surgical aspects; selection criteria and assessment, bilateral cochlear implantation and bimodal amplification; electrophysiological measurements and neural response telemetry, ethical considerations.

Audiology 420 (ODL 420)

Module credits	20.00
Prerequisites	ODL 310, 320, 381, 382
Contact time	3 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Semester 2

Module content

*Closed - requires departmental selection.
Recent developments and trends in audiology. Advanced theory. The audiologist in different career settings: private practice; hospitals; universities; schools. Challenges posed to professional practice in the local context.

Audiology: Practical 481 (ODL 481)

Module credits	30.00
Prerequisites	ODL 310, 320, 381, 382
Contact time	100 hours clinical training sessions, 124 hours practical sessions, 28 seminars
Language of tuition	Afrikaans and English are used in one class
Department	Speech Language Pathology and Audiology
Period of presentation	Year

Module content

*Closed – requires departmental selection
Educational audiology: Intervention with a client with hearing loss of any age; holistic assessment and development of an individualised intervention programme. Intervention with a group of children with hearing loss in an educational setting. Parent guidance for families of children with hearing loss. Fitting, verification, orientation and validation of hearing aids in the paediatric population. Intervention in terms of follow-up and ongoing assessment, counselling and parent guidance. Observation of cochlear implant MAPping and intervention. Application of professional skills in all contexts (primary, secondary and tertiary health care contexts). Private practice administration and business management.

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.