UNIVERSITÀ DEGLI STUDI DI PALERMO

Department: Biomedicine, Neurosciences and Advanced Diagnostics

A.Y. 2020/2021

DEGREE COURSE IN AUDIOPROTHESIC TECHNIQUES

Characteristics

Class of Bachelor's Degree (BSc) on Technical health professions (L/SNT3)	3 YEARS	PALERMO	PLANNED ACCESS	2237

Educational objectives

The Degree Course in Audioprothesic Techniques aims to train graduates with high scientific and technological competence in the management, training and research processes related to audioprothesic application, programming and assessment.
The course specific educational objectives are defined for its Professional Profile according to the D.M. of the Ministry of Health September 14, 1994, n. 668.
In particular, graduates in Audioprothesic Techniques must achieve the following educational objectives:
- Possession of adequate basic preparation in the fields of physics, statistics, computer science and chemistry with respect to the application aspects;
- Learning the basics of anatomy, physiology and physiopathology of the auditory system;
- Acquisition of adequate theoretical bases in technical, medical (general and specialist) and social disciplines adequate for the exercise of the profession;
-Knowledge of instrumental methods to perform an otoscopy evaluation;
- Acquisition of liminal and super-liminal audiometry methods, impedance measurement and behavioural audiometry;
- Learning the basics of recording bioelectrical phenomena;
-Knowledge of deafness rehabilitation methods;
- Acquisition of theoretical, technical, technological and methodological principles in the implementation and functioning of hearing aids;
-Knowledge of the principles and methodologies suitable for selection, coupling, fitting, adaptation, control, technical assistance for prosthetic aids, in the theoretical and applicative aspects;
- Development of adequate practical experience, preparatory to the transfer of theoretical knowledge to professional applications;
-Ability to work in a multidisciplinary team, to interact with colleagues and other health and non-health professionals, to work with defined degrees of autonomy and to fit properly in work environments;
- Communication and relations skills with respect to the person assisted, with caregivers, with the social context and other health and non-health professionals, respecting their cultural and behavioural differences;
-Development of cultural and methodological skills and aptitude for lifelong learning, such as to maintain a level of technical, professional, decision-making, operational and management autonomy;
- Acquisition of attitudes to training, teaching and research activities in the field of Prosthetic Audiology;
- Acquisition of adequate knowledge of management and health economics.

The degree course has a three-year duration with the acquisition of 180 ECTS in total (of which 60 to be achieved through professional training internships), such as to allow the achievement of a full and autonomous professional competence.

Course Outline:

I year
It aims at providing biomedical knowledge as well as the fundamentals of the professional discipline as requirements to face the first internship experience aimed at guiding the student towards the professional fields of reference and to the acquisition of basic skills.

II year

It aims at deepening audiological and audioprothesic knowledge in adult and child age. More internship experiences are foreseen both in the NHS centres and in affiliated private audioprothesic centres in which the student can implement and deepen the acquired knowledge and techniques.

3rd year
It aims at expanding specialist and interdisciplinary knowledge but also at acquiring methodologies related to the professional practice, as well as the ability to work in teams and in complex organizational contexts. In addition, the internship experience that the student will carry out with supervision and his own gradual assumption of autonomy and responsibility will have considerable relevance.

Professional opportunities

Profile:
Audioprothesic technician
Functions:
The Audioprothesic technician is responsible for the supply, adaptation and control of prosthetic devices for the prevention and correction of hearing impairment; he/she carries out counselling activities related to the use of hearing aids and operates on a doctor's prescription by means of professional actions involving full responsibility and consequent autonomy.

Skills:
The activity of graduates aims at the application of prosthetic devices through the relief of the external auditory canal footprint, the construction and application of snails or other acoustic coupling systems and the administration of prosthetic evaluation tests. They also collaborate with other professional figures in prevention and rehabilitation programs for deafness by providing prosthetic devices and training in their use. They have teaching and scientific skills in Prosthetic Audiology and can be included in multidisciplinary teams for clinical and research activities.
opportunities:
The audioprothesic technician may work as an employee or as-professional consultant in public or private institutions dealing with audiological rehabilitation both in childhood and in adulthood.

Final examination features

Pursuant to Article 6, paragraph 3 of Legislative Decree no. 502/1992 and subsequent amendments, and art. 6 of the Interministerial Decree of 19 February 2009 (Determination of the degrees of university degrees in health professions), the final exam of the Degree Course qualifies for professional practice. The final exam consists of the preparation of a written dissertation and in the assessment of practical skills and is organized in two sessions, on dates set by a decree of the Ministry of Education, University and Scientific and Technological Research In agreement with the Ministry of Health. The final examination is awarded with 6 credits and consists of: - A practical test, during which students must demonstrate they have acquired the knowledge and the specific theoretical-practical and technical-operational skills of the professional profile; - The preparation and discussion of a dissertation The subject of the thesis can be: a) Compilation: analysis and discussion of a general or specific issue of the degree course in Audioprothesic techniques through the literature data; b) Experimental: setting up a study issue and execution of a specific research plan. To be admitted to the final exam, the student must: Have attended all the teaching courses and have passed the relevant examinations; Have obtained 174 CFU; Have submitted in time a special application for the award of the thesis to one of the teachers of the course; Have submitted, in time and manner defined by the secretary's office, a specific application to the Rector and any other required documents Have submitted the required number of copies of the degree thesis to the teaching secretariat at least 30 days prior to the scheduled date for the discussion.

Subjects 1 ° year	CFU	Sem.	Val.	SSD	TAF
20396 - GENERAL AUDIOLOGY *Martines(PA)*	3	1	V	MED/32	B
20333 - MORPHO-FUNCTIONAL SUBJECTS - INTEGRATED COURSE	8	1	V		
- HUMAN MORPHOLOGY *Di Felice(PO)*	*4*	*1*		*BIO/16*	*A*
- PHYSIOLOGY *Casarrubea(PA)*	*4*	*1*		*BIO/09*	*A*
10730 - PHYSICS AND BIOCHEMISTRY - INTEGRATED COURSE	6	1	V		
- ACOUSTIC PHYSICS *Musciotto(RD)*	*3*	*1*		*FIS/07*	*A*
- BIOCHEMISTRY *Carlisi(PA)*	*3*	*1*		*BIO/10*	*A*
20340 - AUDIOLOGICAL SCIENCES - INTEGRATED COURSE	6	2	V		
- AUDIOLOGY - ADULTS *Martines(PA)*	*3*	*2*		*MED/32*	*B*

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Subjects 1 ° year	CFU	Sem.	Val.	SSD	TAF
- GENERAL AND PROSTHETIC AUDIOMETRY *Sedita(PC)*	*3*	*2*		*MED/50*	*B*
20350 - AUDIOPROTESIC SCIENCES AND TECHNOLOGIES - INTEGRATED COURSE	6	2	V		
- SCIENCE AND TECHNOLOGY OF MATERIALS *Mistretta(RD)*	*3*	*1*		*ING-IND/22*	*B*
- INFORMATION PROCESSING SYSTEMS	*3*	*2*		*ING-INF/05*	*B*
20344 - BIOMEDICAL RESEARCH METHODOLOGY - INTEGRATED COURSE	6	2	V		
- COMPUTER SCIENCE *Lo Bosco(PA)*	*3*	*2*		*INF/01*	*A*
- MEDICAL STATISTICS *Enea(PA)*	*3*	*2*		*MED/01*	*A*
18982 - PROFESSIONAL PRACTICE I	12	2	V	MED/50	B
	47				

Subjects 2 ° year	CFU	Sem.	Val.	SSD	TAF
20397 - AUDIOLOGICAL SCIENCES II - INTEGRATED COURSE	7	1	V		
- CHILD AUDIOLOGY *Martines(PA)*	*4*	*1*		*MED/32*	*B*
- OTORHINOLARYNGOLOGY *Ferrara(RU)*	*3*	*1*		*MED/31*	*B*
20349 - AUDIOPROTESIC SCIENCES I - INTEGRATED COURSE	8	1	V		
- HEARING AIDS I *Cracolici(PC)*	*4*	*1*		*MED/50*	*B*
- HEARING AIDS II *Corrao(PC)*	*4*	*1*		*MED/50*	*B*
05002 - INTERNAL MEDICINE, GENERAL SURGERY AND PHARMACOLOGY - INTEGRATED COURSE	9	1	V		
- GENERAL SURGERY *Cocorullo(PO)*	*3*	*1*		*MED/18*	*A*
- INTERNAL MEDICINE *Tuttolomondo(PO)*	*3*	*1*		*MED/09*	*A*
- PHARMACOLOGY *Plescia(PA)*	*3*	*1*		*BIO/14*	*B*
06098 - GENERAL PSYCHOLOGY *Seminerio(PC)*	3	2	V	M-PSI/01	B
08543 - NEUROSCIENCES - INTEGRATED COURSE	6	2	V		
- NEUROLOGY *Brighina(PA)*	*3*	*2*		*MED/26*	*B*
- OTONEUROLOGY *Salvago(RD)*	*3*	*2*		*MED/32*	*B*
08611 - PROFESSIONAL PRACTICE II	19	2	V	MED/50	B
15186 - SPECIALIST PROFESSIONAL WORKSHOP	3	2	G		F
	55				

Subjects 3 ° year	CFU	Sem.	Val.	SSD	TAF
20347 - AUDIOPROTESIC SCIENCES II - INTEGRATED COURSE	7	1	V		
- COCHLEAR IMPLANTS *Martines(PA)*	*3*	*1*		*MED/32*	*B*
- HEARING AIDS III *Caruso(PC)*	*4*	*1*		*MED/50*	*B*

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Subjects 3 ° year	CFU	Sem.	Val.	SSD	TAF
08500 - CLINICAL PROFESSIONAL PRACTICE III - SEMESTER I	13	1	V	MED/50	B
06354 - INTERDISCIPLINARY SCIENCES - INTEGRATED COURSE	6	1	V		
- IMAGE DIAGNOSTICS *Gagliardo(RD)*	*3*	*1*		*MED/36*	*B*
- NEUROSURGERY *Grasso(PA)*	*3*	*1*		*MED/27*	*B*
04731 - FOREIGN LANGUAGE (ENGLISH)	3	1	G		E
02704 - BUSINESS ECONOMICS *Cosenz(PA)*	3	2	V	SECS-P/07	B
08501 - CLINICAL PROFESSIONAL PRACTICE III - SEMESTER II	16	2	V	MED/50	B
05958 - PSYCHIATRY *Ferraro(RD)*	3	2	V	MED/25	B
06343 - SCIENCE OF PREVENTION AND HEALTH SERVICES - INTEGRATED COURSE	6	2	V		
- INDUSTRIAL AUDIOLOGY *Salvago(RD)*	*3*	*2*		*MED/32*	*B*
- OCCUPATIONAL MEDICINE *Cirrincione(RD)*	*3*	*2*		*MED/44*	*B*
20402 - TINNITUS, HYPERACUSIS AND DISORDERS OF HEARING PROCESS *Martines(PA)*	3	2	V	MED/32	C
09787 - OTHER EDUCATIONAL ACTIVITIES	6	2	G		F
05917 - FINAL EXAMINATION	6	2	G		E
ADO Group of subjects	6				D
	78				

PROPAEDEUTICAL TEACHINGS

05002 - INTERNAL MEDICINE, GENERAL SURGERY AND PHARMACOLOGY - INTEGRATED COURSE
- 20333 - MORPHO-FUNCTIONAL SUBJECTS - INTEGRATED COURSE
- 10730 - PHYSICS AND BIOCHEMISTRY - INTEGRATED COURSE

08500 - CLINICAL PROFESSIONAL PRACTICE III - SEMESTER I
- 08611 - PROFESSIONAL PRACTICE II

08501 - CLINICAL PROFESSIONAL PRACTICE III - SEMESTER II
- 08500 - CLINICAL PROFESSIONAL PRACTICE III - SEMESTER I

08611 - PROFESSIONAL PRACTICE II
- 18982 - PROFESSIONAL PRACTICE I

20347 - AUDIOPROTESIC SCIENCES II - INTEGRATED COURSE
- 20396 - GENERAL AUDIOLOGY
- 20340 - AUDIOLOGICAL SCIENCES - INTEGRATED COURSE

20349 - AUDIOPROTESIC SCIENCES I - INTEGRATED COURSE
- 20396 - GENERAL AUDIOLOGY
- 20340 - AUDIOLOGICAL SCIENCES - INTEGRATED COURSE

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