

The University of Jordan



الجامعة الاردنية

Form: Study Plan- Bachelors	Form Number	EXC-01-03-02A
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1.	School	Rehabilitation Sciences
2.	Department	Hearing and Speech Sciences
3.	Program title (Arabic)	بكالوريوس في علوم السمع والتطوق
4.	Program title (English)	Bachelor of Hearing and Speech Sciences

5. Components of Curriculum:

The curriculum for the bachelor's degree in Speech and Hearing Sciences consists of (142) credit hours distributed as follows

Number	Type of requirement	credit hours
First	University Requirements	27
Second	Faculty Requirements	30
Third	Specialty Requirements	85
Total		142

6. Numbering System:

A- Department number

Number	Department
1	Department of Physiotherapy
2	Department of Occupational Therapy
3	Department of Orthotics & Prosthetics
4	Department of Audiology and Speech Therapy

B- Course number

Domain number	Domain title	Domain number	Domain title
0	Medical Sciences		
1	Language Sciences		
2	Speech		
3	Hearing		
4	Hearing & Speech		
5	Practicum Training		
6	Clinical Training		

C- Course number consists of 7 digits

School		Department		Level	Serial number	
1	8	0	4	3	0	1

First: University Requirements (27 credit hours):

Preparation Program Requirements					
All students admitted to the university must apply for a degree examination in Arabic and English and the computer is prepared or approved by the university to determine their level. Based on the results of the examinations, either the student will study one or more of the requirements of the preparatory program					
(0 - 15 Credit Hours)					
No.	Course Title	Course No.	Credit Hours	Prerequisites	Notes
1	Community service	٠٧٠٠١٥٠	٠		
2	Computer skills placement test	١٩٠٢٠٩٨	٠		
3	Basics of computing	١٩٣٢٠٩٩	٣	١٩٠٢٠٩٨	blended
4	Arabic Language (level 1)	٣٢٠١٠٠١	٣	٣٢١١٠٩٨	
5	Arabic Language (level 2)	٣٢٠١٠٠٢	٣	٣٢٠١٠٠١	
6	English language (level 1)	٣٢٠٢٠٠١	٣	٣٢١٢٠٩٨	
7	English language (level 2)	٣٢٠٢٠٠٢	٣	٣٢٠٢٠٠١	
8	Arabic placement test	٣٢١١٠٩٨	٠		
9	English placement test	٣٢١٢٠٩٨	٠		

Compulsory Requirements					
(18 Credit Hours)					
No.	Course Title	Course No.	Credit Hours	Prerequisites	Notes
1	Military sciences	2220100	3		online
2	English language (level 3)	٣٢٠٢٠٠٣	3	٣٢٠٢٠٠٢	
3	National culture	3400100	3		online
4	Ethics and Social Responsibility	٣٤٢٠١٠٠	3		blended
5	Entrepreneurship, Innovation, and Leadership	٣٤٢٠١٠١	3		blended
6	Communication and Soft Skills (in English language)	٣٤٢٠١٠٣	3	٣٢٠٢٠٠٣ or ٣٢٠٢١٠٣	

Electives (9 Credit Hours)					
Elective courses: (9) credit hours to be chosen from the first, second and third groups mentioned below. The student has to choose one course from each of the groups.					
(First Group)					
No.	Course Title	Course No.	Credit Hours	Prerequisites	Notes
1	Environmental culture and development	٠٣١٠١٠٢	٣		blended
2	Islamic culture	٠٤٠٠١٠٢	٣		blended
3	Legal culture	١٠٠٠١٠٢	٣		Face to face
4	Physical fitness culture	١١٠٠١٠٠	٣		blended
5	Introduction to philosophy and critical thinking	٣٤٠٠١٠٣	٣		online
6	Tourism culture	٣٤٠٠١١١	٣		blended
(Second Group) (3 credits hour)					
No.	Course Title	Course No.	Credit Hours	Prerequisites	Notes
1	Islam and contemporary issues	٠٤٠٠١٠١	3		blended
2	Social media	١٩٠٠١٠١	3		blended
3	Appreciation of arts	٢٠٠٠١٠٠	3		blended
4	Foreign language	٢٢٠٠١٠٣	3		blended
5	Arab-Islamic civilization	٢٣٠٠١٠١	3		blended
6	Jordan: history and civilization	٢٣٠٠١٠٢	3		blended
7	Special subject	٣٤٠٠١٠٦	3		blended
8	Great books	٣٤٠٠١٠٧	3		blended
9	Jerusalem	٣٤٠٠١٠٨	3		blended
Electives (3) credits hour					
(Third Group)					
No.	Course Title	Course No.	Credit Hours	Prerequisites	Notes
1	Specialized Topics in Digital Skills	1900104	3	1900103	blended

Students are advised to complete all obligatory university requirements, totaling 27 credit hours, before commencing their fourth year in the program.

Second: School courses: distributed as follows:

A. Obligatory school courses: (30) credit hours

B. Elective school courses: (-) credit hours

A. Obligatory school courses: (30) credit hours:

Course Number	Course Title	Contact Hours		Credit Hours	Pre-requisite
		Theoretical	Practical		
0304101	General biology I	3	-	3	-
1900103	Modern digital Skills	3	-	3	-
0342103	General physics for life sciences	3	-	3	-
0501107	Physiology I	2	-	2	0304101
0501108	Physiology II	2	-	2	0501107
0502107	Anatomy of head , neck & thorax	2	2	3	0304101
1802131	Psychology of Rehabilitation	2	-	2	1804140
1801103	Principles and Ethics in Rehabilitation	2	-	2	1804140
	Bio-Statistics for rehabilitation students	2	-	2	1804340
1804340	Research methods in rehabilitation sciences	3	-	3	1801103
1802447	Management & Leadership	3	-	3	1804452 and 1804456
1900103	Modern digital Skills	3	-	3	1932099
1833472	Perspectives in Assistive technologies	2	-	2	1804433

B. Elective school courses: (0) credit hours:

Course Number	Course Title	Contact Hours		Credit Hours	Pre-requisite
		Theoretical	Practical		

Third: Specialty courses: (85) credit hours distributed as follows:

B. Obligatory specialty courses: (73) credit hours

C. Elective specialty courses: (12) credit hours

A. Obligatory specialty courses: (73) credit hours:

Course Number	Course Title	Contact Hours	Credit Hours	Pre-requisite

		Theoretical	Practical		
1804100	Anatomy & Physiology of Hearing & Speech	3	-	3	-
1804110	Language Science	3	-	3	-
1804140	Introduction to speech-language & hearing disorders	3	-	3	-
1804141	Clinical Phonetics	2	-	2	-
1804211	Child Language Development	3	-	3	1804110
1804220	Articulation Disorders & Phonological theories	3	-	3	1804141
1804227	Evaluation , Diagnosis & Reports Writing in communication disorders	3	-	3	(1804220 ,1834141 , 1804211)
1804130	Bases of Hearing Science	3	-	3	1804100
1804231	Introduction to Audiology	3	-	3	1804230
1804210	Language Disorders in Children	3	-	3	1804211
1804221	Fluency Disorders	2	-	2	-
1804232	Hearing Disorders in Children	3	-	3	1804231
1804436	Medical aspects of hearing loss	2	-	2	1804231
1804323	Medical Aspects of speech & language disorders	2	-	2	1804100
1804350	Clinical Practicum in Speech -Observation (Blended)	-	4	1	1834220 Concurrent
1804351	Clinical Practicum in Speech -1	-	4	1	1804350
1804354	Clinical Practicum in Audiology-Observation (Blended)	-	4	1	1804231 Con-current
1804355	Clinical Practicum in Audiology -1	-	4	1	1804254
1804409	Introduction of Neuromotor Disorders	3	-	3	1804100
1804420	Voice Disorders	3	-	3	0502107 1804100
1804328	Dysphagia	2	-	2	1804100 1804409
1804452	Clinical Practicum in Speech -2	-	4	1	1804351
1804456	Clinical Practicum in Audiology -2	-	4	1	1804355
1814462	Clinical training in Speech and employability skills	-	8	2	1804452
1814463	Clinical training in Audiology and employability skills	-	8	2	1804456
0805220	Introduction to Special Education	3	-	3	-
0805212	Behavior Modification	3	-	3	0805220
1804432	Aural rehabilitation	3	-	3	1804231
1804333	Hearing aids	3	-	3	1804231 Or concurrent
1804437	Diagnostic Audiology	2	-	2	1804231
1804450	Research project 1	1		1	1804340 & 1801381
1804451	Research project 2	2		2	Research project 1

B. Elective specialty courses: (12) credit hours:

Course Number	Course Title	Contact Hours		Credit Hours	Pre-requisite
		Theoretical	Practical		
1804411	Dyslexia	3	-	3	-
1804358	Special Topic in Speech and Language Pathology 1	3	-	3	-
1804427	Special Topic in Speech and Language Pathology2	3	-	3	-
1804426	Instrumentation in Speech and Language Pathology	3	-	3	1804130 Or concurrent
1804400	Craniofacial Anomalies and Hearing Loss	3	-	3	-
1804421	Rehabilitation for Clients with Special Needs	3	-	3	1804231
1804424	Speech and language rehabilitation for the hearing impaired	3	-	3	Aural Rehabilitation / 1804432 or concurrent with Hearing Disorders in Children / 1804231"
1804440	Special Topic in Audiology 1	3	-	3	-
1834431	Special Topic in Audiology 2	3	-	3	-
1804423	Communication Disorders Related to Cleft Palate	3	-	3	1804220
1804401	Introduction to Cochlear Implant	3	-	3	1804231
1804430	The Life of Hearing-impaired Child	3	-	3	1804331
1804434	Balance Disorders	3	-	3	-
1804357	Clinical Practicum in Audiology- Special topic	3	12	3	Dept. Approval
1804435	Noise & the Ear	3	-	3	-
1804422	Principles of Clinics Management in Speech Pathology	3	-	3	-
1804465	Elective clinical training	3	0	12	1804351 and 1804355

Fourth: Courses offered by other faculties and departments

Course Number	Course Title	Contact Hours		Credit Hours	Pre-requisite
		Theoretical	Practical		
0342103	General physics for life sciences	3	-	3	-
0304101	General biology I	3	-	3	-
0501107	Physiology I	2	-	2	0304101
0501108	Physiology 2	2	-	2	0501107
0502107	Anatomy of head , neck & thorax	2	2	3	0304101 1804100
1802131	Psychology of Rehabilitation	2	-	2	1804140
1801103	Principles and Ethics in Rehabilitation	2	-	2	1804140
1801381	Bio-Statistics for rehabilitation students	2	-	2	1804140
1802447	Management & Leadership	3	-	3	1804452

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					& 1804456
1900103	Modern digital Skills	3	-	3	-
0805212	Behavioural modification	3	-	3	0805220
0805220	Special Education	3	-	3	-

Fifth: Advisory Study Plan
(First) Year

(First) Semester			(Second) Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
0342103	General physics for life sciences	3	0501107	Physiology I	2
0304101	General biology	3	1804211	Child Language Development	3
1804100	Anatomy & physiology of hearing & speech	3	1801103	Rehabilitation Principles and Ethics	2
1804110	Language science	3	1804141	Clinical phonetics	2
1804140	Introduction to Speech Language & Hearing Disorders	3	1804130	Bases of Hearing Sciences	3
	University Requirement	3	1802131	Psychology of Rehabilitation	2
			1900103	Modern digital Skills	3
Total		18	Total		17

(First) Year

(Summer) Semester		
Course Number	Course Title	Credit Hours
	University Requirement	3
	University Requirement	3
	University Requirement	3
Total		9

(Second)Year

(First) Semester			(Second) Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
501108	Physiology 2	2	1804100	Anatomy of head , neck & thorax	3
1804220	Articulation disorders & phonological theories	3	1834210	Language Disorders in Children	3
1804231	Introduction to Audiology	3	1804232	Hearing Disorder in Children	3
1804350	Clinical Practicum in Speech-Observation	1		Elective course	3
1804354	Clinical Practicum in Audiology-Observation	1	1804221	Fluency Disorder	2
	University requirement	3		University requirement	3
	University requirement	3			

Total	16	Total	17
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Third Year

(First) Semester			(Second) Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1804420	Voice Disorder	3	1804451	Clinical practicum in speech- 1	1
1804323	Medical aspects of Speech & Language Disorders	2	1804355	Clinical practicum in audiology- 1	1
0805220	Introduction to Special Education	3	0805212	Behavioural modification	3
	Elective Course	3	1804333	Hearing Aids	3
1804340	Research method in rehabilitation sciences	3	1801381	Bio-Statistics	2
	University Requirement	3		University Requirement	3
				Elective Course	3
Total		17	Total		16

Fourth Year

(First) Semester			(Second) Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
1804409	Introduction to Neurological Disorder	3	1814462	Clinical training in speech and employability skills	2
1804437	Diagnostic Audiology	2	1814463	Clinical training in audiology and employability skills	2
1804437	Aural Rehabilitation	3	1804328	Swallowing Disorder	2
1804456	Clinical practicum in audiology- 2	1	1802447	Management and Leadership	3
1804452	Clinical practicum in speech- 2	1	1804436	Medical Aspects of hearing Loss	2
	Elective Course	3	1804227	Evaluation , diagnosis & reports writing in communication disorders	3
1833472	Perspectives Assistive technology	2	1804451	Research project 2	2
1804450	Research project 1	1			
Total		16	Total		16

Course Description

Course Number (0501107)	Course Title (Physiology 1)	Credit Hours
Prerequisite: (0304101)		2 credit hours

<p>Course Description</p> <p>This Physiology course will present basic concepts of physiology including systemic functions, and integrative regulatory mechanisms responsible for maintenance of homeostasis in the normal human and the alterations which occur in these mechanisms leading to specific disease processes. The course tackles physiological topics such as: Introduction to physiology, Transport through plasma membranes, excitability of plasma membrane, Nerve and Muscle physiology, Autonomic nervous system, Body fluids and Blood physiology, Physiology of Cardiovascular system and finally the physiology of the Respiratory system.</p>

Course Number	Course Title (Physiology 2)	Credit Hours
0501108		
Prerequisite: (0501107)		2 credit hours
<p>The course builds on previous physiology course and tackles physiological topics such as: Gastrointestinal, Reproductive and Renal systems, as well as Endocrine and Central Nervous system including Physiology of Special Senses.</p>		

Course Number	Course Title (Anatomy of Head, Neck, and Thorax)	Credit Hours
(0502107)		
Prerequisite: (0304101)		3 credit hours
<p>Course Description</p> <p>This course explores the anatomy of the head, neck, and thorax for rehabilitation students. The practical labs offer hands-on experience with anatomical models and cadavers, allowing for the integration of knowledge and the correlation of anatomical structures with their functions.</p>		

Course Number	Course Title (Research Methods in Rehabilitation Sciences)	Credit Hours
(1804340)		
Prerequisite: (1801103)		2 credit hours
<p>Course Description</p> <p>This course introduces undergraduate students to rehabilitation research principles and methodologies, emphasizing evidence-based practice. Students will learn about different research paradigms and designs, how to find, evaluate, and analyze research literature, and understand research articles. The course also covers ethical considerations, validity, and participant selection, equipping students with the skills to critically appraise research for future academic and professional work in rehabilitation sciences.</p> <p>Experienced guest speakers will give lectures or a variety of interactive activities</p>		

Course Number	Course Title (Management and Leadership)	Credit Hours
(1802447)		
Prerequisite: (1804463 and 1804462)		3 credit hours
<p>Course Description</p> <p>This course is designed to facilitate students' successful transition into the workforce post-graduation. It encompasses a wide range of topics pertinent to professional settings, including</p>		

leadership and management concepts, types of healthcare organizations, and organizational culture and socialization. The course emphasizes essential workforce entry skills such as CV writing, job interview success, and creating professional and social online profiles. Additionally, it addresses skills crucial for workforce excellence, including oral and written communication, feedback ethics, conflict resolution, and problem-solving. The course concludes with an overview of key elements of effective marketing.

Course Number (1802131)	Course Title (Psychology in Rehabilitation Sciences)	Credit Hours
Prerequisite: (1804140)		2 credit hours
Course Description This course gives students a general introduction to the field of psychology. Topics discussed include the evolution of psychological sciences, learning, behavior, memory, emotion, and the interaction of stress and health. This course also introduces the students to how human psychology is affected by chronic illnesses and disability commonly encountered in rehabilitation settings.		

Course Number 1801103	course Title Principles and Ethics in Rehabilitation	Credit Hours 2 credits
1804140 Prerequisite		
This course offers foundational knowledge about rehabilitation, including its core principles, goals, and various team models. It covers the types of disabilities, the rights of individuals with disabilities and discusses various models of disability with an emphasis on the International Classification of Functioning, Disability, and Health (ICF) system. This course focuses on ethical principles and values in healthcare, and addresses common ethical dilemmas encountered in rehabilitation field. Additionally, it addresses elements of professionalism, emphasizing the effective communication and the provision of compassionate care. Topics such as infection prevention and control strategies, patient safety, and patient education are also covered in this course.		

Commented [1]: New description added

Credit Hours	Course Title (Biostatistics)	Course Number
2 credit hours	Prerequisite: (1804340)	1801381
Course Description The course provides students with basic principles of statistical analysis. This course introduces the concepts of several statistical methods encountered in health-related research such as scales of measurement of variables, descriptive statistics, hypothesis testing, z-tests, t-tests, ANOVA, non-parametric tests, correlation, and regression. Students will be taught to perform several of the tests discussed and will be shown several examples of the use of these methods in recent research articles.		

Credit Hours	Course Title Perspectives Assistive technology	Course Number
2 credit hours	Prerequisite: (1804433)	1833472
<p>The course explores the medical, social, ethical, and technical challenges surrounding the design, development, and use of technologies that improve the lives of people with disabilities and older adults. Through lectures, practical projects, and/or site visits, students gain a comprehensive understanding of assistive technologies and their impact on patient outcomes and quality of life. </p>		

Commented [2]: new description added

Course Number (1804100)	Course Title (Anatomy & Physiology of Hearing & Speech)	Credit Hours
Prerequisite: (-)		3 credits hours
<p>Course Description Study of the anatomy & physiology of hearing & speech mechanisms. It includes hearing & balance , respiratory , phonatory , articulatory & resonance mechanisms , and neurophysiological principles fundamental to the understanding of hearing & speech & voice production . Experienced people are used to give lectures or a variety of interactive activities</p>		

Course Number (1804110)	Course Title (Language Science)	Credit Hours
Prerequisite: (-)		3 credits hours
<p>Course Description Analysis of syntax , pragmatic , and semantic aspects of language with emphasis on Arabic Language ; the linguistic and psycholinguistic theory and variables of normal development of speech , language , and hearing. Experienced people are used to give lectures or a variety of interactive activities</p>		

Course Number (1804140)	Course Title (Introduction to Speech-Language and Hearing Disorders)	Credit Hours
Prerequisite: (-)		3 credits hours
<p>Course Description The nature of speech and language pathology , deviations from normal speech and language patterns , e.g. , disorders of language , articulation , voice , and stuttering , aphasia and neuromotor speech disorders . Types, degrees , causes , signs and symptoms of hearing loss ; mechanisms of hearing ; simple clinical tests and brief anatomy and physiology of the ear . Experienced people are used to give lectures or a variety of interactive activities</p>		

Course Number (1804141)	Course Title (Clinical Phonetics)	Credit Hours
Prerequisite: (-)		2 credits hours
<p>Course Description</p>		

Study of phonetics as applied to communication disorders ; International Phonetic Alphabet (IPA)
Transcription practice of normal and abnormal speech relationship of phonological transcription and analysis to communication disorders . Experienced people are used to give lectures or a variety of interactive activities

Course Number (1804211)	Course Title (Child Language Development)	Credit Hours
Prerequisite: (1804110)		3 credits hours
Course Description Major theories of language acquisition; early stages of language acquisition: birth to school age with focusing on the acquisition of speech sounds, the development of the phonemic system, the acquisition and development of vocabulary, and the acquisition of grammar, and basic semantics; collecting and analysing data with a view to comparing their findings with available norms in the field . Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804220)	Course Title (Articulation Disorders & Phonological theories)	Credit Hours
Prerequisite: (1804141)		3 credits hours
Course Description Introducing students to various functional and organic articulatory disorders; the different causes that lead to these disorders and their impact on psychological, social and academic aspects, and the different ways of diagnosing and treating them; and early intervention of the articulatory disorders resulting from deviant phonological rule systems; review of traditional and innovative evaluation and treatment procedures; the importance of early intervention and the involvement of parents and school teachers will be highlighted. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804227)	Course Title (Evaluation, Diagnosis & Reports Writing in communication disorders)	Credit Hours
Prerequisite: (1804220 ,1834141 , 1804211)		3 credits hours
Course Description The basic formal and informal assessment used in communication disorders, the analysis of the results obtained and the differential diagnostic procedures; the use of formal diagnostic instruments and informal observations are considered. How to write clinical reports in communication disorders. The basic formal and informal assessment used in hearing disorders, the analysis of the results obtained and the differential diagnostic procedures; the use of formal diagnostic instruments and informal observations are considered. How to write clinical reports in hearing disorders. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804230)	Course Title (Bases of Hearing Science)	Credit Hours
Prerequisite: (1804100 or concurrent)		3 credits hours
Course Description This course will cover the fundamental principles of acoustics and psychoacoustics, including the physics of sound, various parameters and types of sound, sound production and transmission, and measurement techniques. The course will also cover the psychoacoustics related to sound perception, in particular, the psychological mechanisms that influence our perception of sound characteristics such as pitch, loudness, and timing. Experienced people are used to give lectures or a variety of interactive activities.		

Course Number (1804231)	Course Title (Introduction to Audiology)	Credit Hours
Prerequisite: (1804130)		3 credits hours
Course Description This course will provide a comprehensive overview of assessment methods in the field of audiology. It will cover essential hearing tests, including pure tone audiometry, speech audiometry, clinical masking techniques, and impedance measurements. Additionally, the course will focus on the evaluation of the different types of hearing loss, equipping students with the skills necessary for effective diagnosis. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804210)	Course Title (Language Disorders in Children)	Credit Hours
Prerequisite: (1804211)		3 credits hours
Course Description The basic concepts in this field such as language impairment, language delay, diagnosis, and treatment procedures; the various types of language disorders (syntactic, morphological, semantic, and pragmatic) will be highlighted. Student will also be trained to collect language samples and to analyze them. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804409)	Course Title (Introduction in Neuromotor Disorder)	Credit Hours
Prerequisite: (1804100)		3 credits hours
Course Description field of neurolinguistics and neurogenic language disorders such as Broca's aphasia, wernike's aphasia and conduction aphasia, etc; the concept of diagnosis and evaluation; methods of training and family members' counseling . It also aims to familiarize students with speech disorders caused by neurological injuries such as dysarthria and lack of control over the voluntary movements of the speech organs (apraxia), and focuses on identifying the neurological causes that lead to such disorders, methods of diagnosing them, and the different ways to habilitate or rehabilitate people suffering from these disorders. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804221)	Course Title (Fluency Disorders)	Credit Hours
Prerequisite: (-)		2 credits hours
Course Description Theories of etiology (constitutional, developmental and environmental factors); normal and abnormal dysfluency; evaluation and diagnosis procedures; stages of stuttering; therapeutic approaches of stuttering; the psychological, social, and academic effects. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804328)	Course Title (Dysphagia)	Credit Hours
Prerequisite: (1804100 and 1804409)		2 credits hours
Course Description The basics of the anatomy and physiology of normal swallow; etiologist for dysphagia; the framework for the physical and laboratory evaluation and treatment of dysphagia. The role of a speech and language pathologist as part of the team responsible for caring for people with swallowing difficulties . Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804232)	Course Title (Hearing Disorders in Children)	Credit Hours
Prerequisite: (1804231)		3 credits hours
Course Description The importance of hearing for children; normal auditory, behavioural and language development, testing and evaluation of hearing for different age groups; screening and early detection of hearing impairment; high risk register will also be introduced. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804350)	Course Title (Clinical Practicum in Speech –Observation)	Credit Hours
Prerequisite: (1804220)		1 credits hours
Course Description Supervised observations of assessment, treatment, parent counselling, and other clinical services provided in speech clinics; referrals and cooperation with other specialists . Experienced people are used to give lectures or a variety of interactive activities		
Course Number (1804351)	Course Title (Clinical Practicum in Speech-1)	Credit Hours
Prerequisite: (1804350)		1 credits hours
Course Description		

Gradual implementation and evaluation of individualized therapy programs for clients in the clinic; presentation and discussion of clinical issues related to patients during clinicians' meetings. Experienced people are used to give lectures or a variety of interactive activities

Course Number	Course Title (Clinical Practicum in Audiology-Observation)	Credit Hours
(1804354)		
Prerequisite: (1804231)		1 credits hours
Course Description Observation of the system of work in Audiology clinics; different audiological disorders; techniques used in diagnosis and treatment; assistance to department activities. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title (Clinical Practicum in Audiology- 1)	Credit Hours
(1804355)		
Prerequisite: (1804254)		1 credits hour
Course Description Training to students to practice evaluation, diagnosis and treatment of individuals with hearing impairments under the direct supervision of the audiologist, participation in department discussions and activities. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title (Craniofacial Anomalies and Hearing Loss)	Credit Hours
(1804400)		
Prerequisite: (-)		3 credits hours
Course Description Embryology, anatomy , and physiology of craniofacial structures . Diagnosis and treatment of congenital craniofacial anomalies, and hearing loss associated with congenital maxillo – palatal and ophthalmic anomalies and syndromes. Counseling and management of these cases . Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title (Introduction to Cochlear Implant)	Credit Hours
(1804401)		
Prerequisite: (1804231)		3 credits hours
Course Description An introduction to the cochlear implant technology, how it functions and how it is implanted. The criteria for candidacy of adult and pediatric patients, as well as the pre and post implant testing, counseling, treatment, and post-surgical audiologic rehabilitation . Experienced guest speakers will give lectures or a variety of interactive activities		

Course Number (1804411)	Course Title (Dyslexia)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description disabilities in general; reading and spelling problems in particular; various theories on dyslexia and agraphia; causes of these disabilities; diagnosis of reading difficulties, and their academic, social, and psychological impact on the patient. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804420)	Course Title (Voice Disorders)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description functional and organic voice disorders, e.g., vocal nodules, spasmodic dysphonia, aphonia, laryngeal cancer, and contact ulcer; the principles and methods of evaluation and intervention for vocal disorders found in adults and children will be highlighted. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804421)	Course Title (Rehabilitation for Clients with Special Needs)	Credit Hours
Prerequisite: (1804231)		3 credits hours
Course Description Acquainting students with the various types of disabilities such as mental retardation, cerebral palsy, autism, Down Syndrome and how these disabilities affect speech and languages. Training students on the basic principles of evaluation and treatment of these disabilities. Also, highlighting collaboration between speech and language therapists and other specialists, aspects of cooperation with other professionals including those in special education and others. Experienced guest speakers will give lectures or a variety of interactive activities Introducing students to types of such as intellectual delay, cerebral palsy, autism, Down syndrome, and how these disabilities affect speech and language. Training students on how to assess these conditions, diagnose speech and language problems, and treat them. Also, highlighting collaboration between speech and language therapists and other specialists, especially special education specialists, psychologists, and social development professionals.		

Course Number (1804422)	Course Title (Principles of Clinics Management in Speech Pathology)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description Principles and procedures underlying patient selection, appropriate placement, clinical settings, organizing, administering, and supervising speech, language and hearing programs. Students will be introduced to the various types of clinical settings (hospitals, universities and schools). Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804423)	Course Title (Communication Disorders Related to Cleft Palate and resonance)	Credit Hours
Prerequisite: (1804220)		3 credits hours
Course Description Communication problems related to velopharyngeal incompetence or VPI caused by a deficiency of the velum or an increased size of the pharynx; imaging techniques used for evaluating these disorders and designing, along with other team members; the prosthetic means to reduce or eliminate VPI; speech therapy techniques. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804424)	Course Title (Speech and Language Rehabilitation for the Hearing Impaired)	Credit Hours
Prerequisite: (1804231 and 1804432)		3 credits hours
Course Description The course familiarizes students with the impact of varying degrees of hearing loss on speech and language. It also focuses on professionally preparing students to provide rehabilitation services for the hearing impaired, including evaluating their listening, language, and speech skills, developing treatment plans for their rehabilitation /habilitation, and implementing these plans. Experienced guest speakers will give lectures or a variety of interactive activities Speech and language problems associated with hearing impairment, the study, analysis, and application of various therapeutic procedures for developing and improving communication skills in hearing impaired children and adults. Experienced guest speakers will give lectures or a variety of interactive activities		

Course Number (1804426)	Course Title (Instrumentation in Speech and Language Pathology)	Credit Hours
Prerequisite: (1804130 or concurrent)		3 credits hours
Course Description Major methods for measuring acoustic and aerodynamic signals of speech and voice; whenever possible, actual instrumentation will be used to obtain and analyse actual patient data and use it in the evaluation and treatment of speech and voice. Experienced people are used to give lectures or a variety of interactive activities		

Course Number)	Course Title (Special Topic in Speech and Language Pathology 1)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description An in-depth treatment of a topic of interest in speech and language pathology; the exact topic is determined by the faculty member who teaches the course and the needs of the students. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title(Special Topic in Speech and Language Pathology 2)	Credit Hours
		3 credits hours
Prerequisite: (-)		
Course Description An in-depth treatment of a topic of interest in speech and language pathology; the exact topic is determined by the faculty member who teaches the course and the needs of the students. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title (The Life of Hearing-impaired Child)	Credit Hours
(1804430)		3 credits hours
Prerequisite: (1804331)		
Course Description Social, familial, and psychological aspects of the hearing-impaired child; causes, evaluation, treatment, and remediation; speech and linguistic effects of hearing loss; counselling, rehabilitation and educational alternatives. Experienced people are used to give lectures or a variety of interactive activities		

Course Number1	Course Title(Special Topic in Audiology 1)	Credit Hours
		3 credits hours
Prerequisite: (-)		
Course Description Depth treatment of a topic of interest in audiology; the exact topic is determined by the faculty member who teaches the course and the needs of the students. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title(Special Topic in Audiology 2)	Credit Hours
		3 credits hours
Prerequisite: (-)		
Course Description Depth treatment of a topic of interest in audiology; the exact topic is determined by the faculty member who teaches the course and the needs of the students. Experienced people are used to give lectures or a variety of interactive activities		

Course Number	Course Title (Aural Rehabilitation)	Credit Hours
(1804432)		3 credits hours
Prerequisite: (1804231)		
Course Description The effect of hearing disorders on speech and language, and learning about the various types of hearing devices, both implanted and non-implanted, used by individuals with hearing loss, including hearing aids and cochlear implants. Additionally, the course covers different therapeutic approaches in rehabilitating hearing-impaired children and adults, as well as their assessment methods. Experienced guest speakers will give lectures or a variety of interactive activities		

The effect of hearing disorders on speech and language; theory, procedures for assessment and rehabilitation of hearing impaired children and adults; hearing aids use and evaluation; cochlear implant and training programs. Experienced people are used to give lectures or a variety of interactive activities

Course Number (1804333)	Course Title (Hearing Aids)	Credit Hours
Prerequisite: ((1804231 or concurrent))		3 credits hours
Course Description This module will cover the components and acoustic and electronic characteristics of hearing aids. It will discuss the different types of hearing aids and other assistive devices, as well as procedures for their evaluation, measurement, prescription, and fitting. The course will also explore the advanced features available in modern hearing aids and the methods used to assess their outcomes and benefits. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804434)	Course Title (Balance Disorders)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description The general aim of the course is to discuss the common type of vestibular diseases and its causes and how they are diagnosed and its management. The differential diagnosis for some common vestibular diseases will also be covered. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804435)	Course Title (Noise & the Ear)	Credit Hours
Prerequisite: (-)		3 credits hours
Course Description Study of the impact of environmental noise on society. Emphasis on measurement, damage risk criteria and the legal aspects of noise control and hearing conservation approaches . Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804452)	Course Title (Clinical Practicum in Speech -2)	Credit Hours
Prerequisite: (1804351)		1 credits hours
Course Description Gradual implementation and evaluation of individualized therapy programs for clients in the clinic; presentation and discussion of clinical issues related to patients during clinicians' meetings. Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1804456)	Course Title (Clinical Practicum in Audiology -2)	Credit Hours
Prerequisite: (1804355)		1 credits hours
Course Description		

Training to students to practice evaluation, diagnosis and treatment of individuals with hearing impairments under the direct supervision of the audiologist; participation in department discussions and activities. Experienced people are used to give lectures or a variety of interactive activities

Course Number (1814462)	Course Title (Clinical training in Speech and employability skills)	Credit Hours
Prerequisite: (1804452)		2 credits hours
Course Description This course intends to help students conduct all assessment measures and write clinical reports in the field of speech language pathology in speech clinics , hospitals and specialized , accredited public and private centers , it also helps students to participate in research activities in the department , under the supervision and licensed speech – language pathologist . Experienced people are used to give lectures or a variety of interactive activities		

Course Number (1814463)	Course Title (Clinical training in Audiology and employability skills)	Credit Hours
Prerequisite: (1804456)		2 credits hours
Course Description Training to students to take case history of hearing and balance disorders and perform different audiological tests in the hearing clinics of accredited hospitals and centres in public and private sectors (internship and externships) under the supervision of audiologists . Participate in teaching and research activities of the department.		

1804437	Course Title (Diagnostic Audiology)	Credit Hours
Prerequisite: (1804231)		2 credits hours
Course Description In depth study of audiological testing, pure tone, acoustic reflex, Tympanometry, play audiometry, VRA, masking, ABR, OAE, and differential diagnosis techniques. Case studies and result analysis of different tests. Experienced people are used to give lectures or a variety of interactive activities		

Course Number 1804436)	Course Title (Medical Aspects of Hearing Loss)	Credit Hours
Prerequisite: (1804231)		2 credits hours
Course Description Clinical examination of the ear; disorders and pathologies of the external, middle, and inner ear that affect hearing and balance; symptoms, diagnosis, complications and treatment of the different ear diseases; facial nerve disorders and effects on hearing. Experienced people are used to give lectures or a variety of interactive activities		

Course Number 1804323)	Course Title (Medical Aspects of speech & language disorders)	Credit Hours
Prerequisite: (1804100)		2 credits hours

Course Description

This course surveys the medical nature of speech and language pathologies frequently encountered in medical facilities. These diseases include: The ENT diseases and surgeries affecting speech and language, swallowing and voice tumours and traumas. Also, it deals with neurological diseases (Tumours and other traumatic brain injury); medical ethics, geriatric diseases and drug induced disorders. The rehabilitation of the head and neck cancer patients. The role of speech language pathologist in the assessment and management is highlighted. Experienced people are used to give lectures or a variety of interactive activities

Course Number (1804450)	Course Title (Project I)	1 Credit Hour
Prerequisite: (1804340 & 180138)		-
Course Description		
During this module, students will be required to review the literature related to a specific research project and use that information to develop an original research question. They will also be expected to formulate an initial proposal detailing the methodological approach to address the research question assessment or treatment strategies in audiology and speech therapy.		

Course Number (1804450)	Course Title (Project II)	2 Credit Hours
Prerequisite: Project I		-
Course Description		
In this module, students will begin conducting the research outlined in the proposal developed during "Project I". This will involve the practical aspects of data collection, where necessary, and the application of appropriate methods for data analysis. Students will be tasked with writing up the project conducted, including a thorough discussion on the interpretation and implications of their findings.		

Course Number (1804465)	Course Title: Elective clinical training	3 Credit Hour
Prerequisite: (1804351 and 1804355)		-
Course Description		
In this elective course students are expected to choose the place of their training in a high-level institution inside or outside Jordan that offers speech and hearing services, and the department must approve the placement. During the training students apply the knowledge gained in previous theoretical and practical courses and practice the skills in patient care.		

Type of learning

Type of learning	University Requirements	Obligatory school	Obligatory & Elective specialty	Total credits hours	Percentage%
Online	6	9	0	15	10.56%
Blended	18	9	2	29	20.42%
Face to face	3	12	83	98	%69.01
Total	27	28	85	142	%100