

**مقارنة ما يقدمه البرنامج من نتائج تعليمية مستهدفة مع المعايير المرجعية لبرنامج
الماجستير في أمراض السمع**

أ - المعرفة والفهم:

المقررات التي تحقق المعايير الأكاديمية للبرنامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لل EUROPEAN UNION OF MEDICAL SPECIALISTS (UEMS) UNION OF THE EUROPEAN PHONiatricians (UEP)	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرنامج قطاع الدراسات العليا (درجة الماجستير في أمراض السمع)
*Basics for evaluation peripheral and central auditory and vestibular systems *Advanced Auditory rehabilitation, hearing aids .and cochlear implants *Applied anatomy *Applied physiology * Acoustics *Electronic	A1,2 A3,3a A1c,2c A1a,2a A9 A8b	Identify anatomy, physiology and pathological physiology of hearing, and vestibular system as well as audiological rehabilitation	1) Theories, concepts and specialized knowledge of the learning area and also sciences appropriate to the professional practice.
*Basics for evaluation peripheral and central auditory and vestibular systems *Advanced Auditory rehabilitation, hearing aids .and cochlear implants *Otology *Neurology	A1,7 A3b A4 17	familiar with the administration and legislation of the health care system	2) Mutual influence between professional practice and its impacts on the environment.
*Basics for evaluation peripheral and central auditory and vestibular systems *Advanced Auditory rehabilitation, hearing aids .and cochlear implants	A2,4 A3,3a,3b	Masters the preventative, diagnostic, treatment and rehabilitation principles of the discipline for each age of patients.	3) Scientific developments in the field of audiology
*Basics for evaluation peripheral and central auditory and vestibular systems	A1,2		4) Moral and legal ethics of the professional practice in the area of audiology
*Basics for evaluation peripheral and central auditory and vestibular systems *Advanced Auditory rehabilitation, hearing aids .and cochlear implants	A7 A3b	Participate in the development and planning processes of the discipline	5) The concepts and principles of quality of the professional practice in the area of audiology
*Basics for evaluation peripheral and central auditory and vestibular	D11		6) The basics and ethics of scientific research

systems *Advanced Auditory rehabilitation, hearing aids and cochlear implants *Applied anatomy	D11		
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ب - القدرات الذهنية :

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لل EUROPEAN UNION OF MEDICAL SPECIALISTS (UEMS) UNION OF THE EUROPEAN PHONOTRICIANS (UEP)	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الماجستير في امراض السمع)
*Basics for evaluation peripheral and central auditory and vestibular systems *Advanced Auditory rehabilitation, hearing aids and cochlear implants *Applied anatomy *Applied physiology *Acoustics and psychoacoustics *Electronic *Genetics *Otology *Neurology	B1,2,3,5 B9,13,14 B1 B1 B11 B11 B2,4 B3 B12	Know the structures, functions and dysfunctions of the hearing & vestibular organs and masters the treatment and rehabilitation methods as well as most important methods of alternative and augmentative communication (AAC) .	1) Analyze and evaluate of information in the field of audiology and make full use of such information to solve problems
*Electronic *Genetics	B3 B4		2) Solve specific problems on the basis of limited and contradictory information.
*Applied anatomy *Applied physiology	B1 B2	Understand the importance and application of evidence-based Treatment.	3) Demonstrate a high level of competence in the coordination of different sources of knowledge to solve professional problems.
*statistics *Basics of Auditory rehabilitation, hearing aids and cochlear implants	B10 B10		4) Carry out a research study and / or writing a scientific methodology study on research problem.
*Basics for evaluation peripheral and central auditory and vestibular systems	B6		5) Assess and analyze risks of the professional practice in the field of audiology.
*Otology *Basics for evaluation peripheral and central auditory and vestibular systems	B3 B7,8	Organization and guidance of audiology institutes	6) Plan to improve performance in the field of audiology
*Basics for evaluation peripheral and central auditory and vestibular systems	B3,4		7) Make career decisions in different professional aspects

ج - المهارات العملية:

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*Basics for evaluation peripheral and central auditory and vestibular systems *Basics of Auditory rehabilitation, hearing aids and cochlear implants	C1,2,3,6,7,8 C9,10,11,12,13,14,15	Examination on one's own responsibility as to the fitness for so call audiology professions	1) Apply modern and principle professional skills in the area audiology
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	C2,4,5,6 C10,11,14,15	Medical report on hearing unfitness and disability.	2) Write and evaluate technical reports.
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	C2,4,5 C10,14	Master instrumental examination methods of the discipline	3) Adopt assessment methods and tools existing in the area of audiology

د- مهارات الاتصال:

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*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D8 D8	Give information to the public on audiology issues.	1) Communicate effectively in different aspects.
*Basics of Auditory	D4	Learn methods for finding	2) Demonstrate efficient IT capabilities in such

rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D4	and adopting new audiology information	a way that serves in the development of the professional practice.
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D10 D10		3) Adopt self-assessment and specify his needs of personal learning.
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D1,2 D1,2		4) Use different resources for information and knowledge
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D8 D8	Teach health care and non-health care professionals on audiology issues.	5) Establish rules and indicators for assessing the performance of others
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D7 D7	Work in multidisciplinary teams	6) Collaborate effectively within multidisciplinary team and lead teams in different professional contexts.
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D5 D5		7) Demonstrate a high level of competence in the time management.
*Basics of Auditory rehabilitation, hearing aids and cochlear implants *Basics of Auditory rehabilitation, hearing aids and cochlear implants	D9 D9		8) Continuous self-education