

مقارنة ما يقدمه البرنامج من نتائج تعليمية مستهدفة مع المعايير المرجعية لبرنامج الماجستير في طب الأطفال.

أ - المعرفة والفهم:

المقررات التي تحقق المعايير الأكاديمية للبرنامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا
-Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	A1-22	<ul style="list-style-type: none"> - One of the program aims is to complement and supplement the clinical experience acquired in the course of paediatric Specialist Registrar training and by paediatricians working in non-career posts in the community. - At the end of the programme students will have: <ul style="list-style-type: none"> * Improved their understanding and knowledge of a spectrum of common and important childhood paediatric problems * Increased their skills in managerial issues 	1- Principles and basic concepts in the field of pediatrics
-Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	B3,4,5 C4-7, C10 D10, 14	<ul style="list-style-type: none"> - One of the program aims is to provide a framework for peer support and self-directed learning. 	2- Systems-based Practice Candidates must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to: (1) work effectively in various health care delivery settings & systems relevant to their clinical specialty; (2) coordinate patient care within the health care system relevant to their clinical specialty; (3) incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate; (4) advocate for quality patient care and optimal patient care systems; (5) work in inter-professional teams to enhance patient safety and improve patient care quality; and, (6) participate in identifying system errors and implementing potential systems solutions.
-Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology	A1-22		3- Recent advances in the field of pediatrics

-Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare			
-Pediatrics	A20		4- Legal and medicolegal aspects in practise of pediatrics as well as medical ethics.
Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D14	- At the end of the programme students will have: *Critically evaluated their personal clinical practice and educational needs * Demonstrated the ability to self-direct their learning	5- Principles and basic concepts of quality in professional practise including planning, improvement of performance and control of practising outcomes.
-Medical statistics & Epidemiology -Microbiology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	A4, B10		6- Ethics in research.

ب - القدرات الذهنية :

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لجامعة	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	B1, 4 C1,2,8	- One of the program aims is to develop critical thinking	1- Data interpretation and proper diagnosis In this domain residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social behavioral sciences, as well as the application of this knowledge to patient care.
Clinical Pathology -Microbiology -Pathology -Pediatrics	B2,3,9 C1,2 D11		2- Medical problem solving.

-Genetics, Growth & development -Neonatology Nutrition & child welfare			
-Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	B8 D8		3- Evidence-based medicine.
-Medical statistics & Epidemiology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	B10	- One of the program aims is to provide experience in research (MSc students). - At the end of the programme students will have Conducted a research project (MSc students).	4- Principles of conducting scientific research, writing research design and formulation of research hypothesis.
-Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	B7 C3		5- Risk assessment in medical practise.
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D1-4 D6,7, 12, 14	- At the end of the programme students will have: *Critically evaluated their personal clinical practice and educational needs * Demonstrated the ability to self-direct their learning	6- Planning for improvement of professional performance in the field of pediatrics Residents are expected to develop skills and habits to be able to meet the following goals: (1) identify strengths, deficiencies, and limits in one's knowledge and expertise; (2) set learning and improvement goals; (3) identify and perform appropriate learning activities; (4) systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement; (5) incorporate formative evaluation feedback into daily practice; (6) locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems; (7) use information technology to optimize learning; and participate in the education of patients, families, students, residents and other health professionals
-Pharmacology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth	B2,3 C4 D8		7- Decision making skills.

& development -Neonatology Nutrition & child welfare			
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ج - المهارات العملية:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لجامعة	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا
-Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	C10	<ul style="list-style-type: none"> - One of the program aims is to complement and supplement the clinical experience acquired in the course of paediatric Specialist Registrar training and by paediatricians working in non-career posts in the community. - At the end of the programme students will have: <ul style="list-style-type: none"> * Improved their understanding and knowledge of a spectrum of common and important childhood paediatric problems * Increased their skills 	<p>1- Professionalism and up to date practise. Residents provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. In this context; Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate: (1) compassion, integrity, and respect for others; (2) responsiveness to patient needs that supersedes self-interest; (3) respect for patient privacy and autonomy; (4) accountability to patients, society and the profession; and, (5) sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.</p>
-Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	C4		<p>2- Medical report writing and evaluation/appropriateness of patient medical report.</p>
-Clinical Pathology -Microbiology -Pathology -Medical statistics & Epidemiology -Pharmacology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D7, 11,14	<ul style="list-style-type: none"> - At the end of the programme students will have: <ul style="list-style-type: none"> * Critically evaluated their personal clinical practice and educational needs * Demonstrated the ability to self-direct their learning 	<p>3- Ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.</p>

د- مهارات الاتصال:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لجامعة	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D2,3,5		1- Interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D2,3		2- Effective use of IT and healthcare information system in medical practise and patient medical records to optimize learning; and participate in the education of patients, families, students, residents & other health professionals
-Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D14	- At the end of the programme students will have: *Critically evaluated their personal clinical practice and educational needs * Demonstrated the ability to self-direct their learning	3- Self-appraisal and needs assessment.
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D2,3		4- Accessibility to specialty-specific and other appropriate reference material in print or electronic format. Electronic medical literature databases with search capabilities .
-Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development	D14		5- Incorporate formative evaluation feedback into daily practice.

-Neonatology Nutrition & child welfare			
-Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development	D10		6- Team work/leadership.
-Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development	D9		7- Time management.
Basic physiology -Medical statistics & Epidemiology -Pharmacology -Embryology -Clinical Pathology -Microbiology -Pathology -Pediatrics -Genetics, Growth & development -Neonatology Nutrition & child welfare	D1	<p>- At the end of the programme students will have:</p> <ul style="list-style-type: none"> *Critically evaluated their personal clinical practice and educational needs * Demonstrated the ability to self-direct their learning 	8- Self-learning ability and continuous medical education programme participation.