

## NARS for PhD in Medical Parasitology

أ - المعرفة والفهم:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Liverpool School of Tropical Medicine	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراة في الطفيليات الطبية)
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology - Molecular Parasitology & Advanced molecular biology -Histopathology of Parasites -Nanotechnology	<b>A1-11, 16</b>	-A systematic understanding and critical awareness of current issues and priorities in the field of biology and molecular biology of parasites and disease vectors  -Knowledge and understanding of the biology, molecular biology and epidemiology of parasites and vectors and the diseases of medical importance that they cause	1. The theories, concepts and modern knowledge in the field of specialization (Medical Parasitology) and other related field (Tropical Medicine)
-Medical Parasitology - Immunology of parasitic diseases & Advanced immunology - Molecular Parasitology & Advanced molecular biology -Histopathology of Parasites -Nanotechnology -Thesis	<b>A14</b>	Knowledge of a range of relevant research methods and understanding of how the methods can be applied to address particular research questions	2. The basics, methodologies, ethics of scientific research and its versatile tools
-Medical Parasitology -Histopathology of Parasites -Thesis	<b>A14</b>		3. The moral and legal ethics of the professional practice in the area of specialization
-Medical Parasitology - Immunology of parasitic diseases & Advanced immunology -Thesis	<b>A3,8,15</b>		4. The concepts and principles of quality of the professional practice in the area of specialization
-Medical	<b>A3,5,15</b>	Critical understanding of current methods for preventing	5. The knowledge on the effects

Parasitology -Immunology of parasitic diseases & Advanced immunology - Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis		human disease and an appreciation of research developments in parasitology and vector biology that may lead to the development of novel control strategies	of professional practice on the environment and ways of development and maintenance of the environment
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ب - القدرات الذهنية :

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Liverpool School of Tropical Medicine	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراة في الطفيليات الطبية)
-Medical Parasitology - Immunology of parasitic diseases & Advanced immunology - Molecular Parasitology & Advanced molecular biology -Histopathology of Parasites -Nanotechnology -Thesis	<b>B1,3,5,6,8,10</b>	Analyse, synthesise and evaluate information from a variety of sources in a critical manner	1) Analyze and evaluate of information in the field of specialization (Medical Parasitology) and make full use of such information to solve problems
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B1</b>	Apply subject knowledge and understanding in a variety of contexts to analyse and reach evidence-based conclusions on complex situations, problems and opportunities	2) Solve specific problems on the basis of limited and contradictory information
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular	<b>B1-10</b>	Enable participants to conduct independent research in the laboratory and/or field	3) Carry out a research studies to add new information to the knowledge

biology -Nanotechnology -Thesis -Practical & Other Activities			
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B7</b>		4) Write scientific papers
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B2,4,8</b>		5) Assess and analyze risks in the field of specialization
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B7-9</b>	Apply the principles and values of ethical practice with regard to the design and practice of research studies, consent and confidentiality in the collection and presentation of data, and publication	6) Plan to improve performance in the field of specialization
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B1,7-9</b>		7) Make good decisions in different professional aspects

-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B2-6,10</b>	Demonstrate creativity, innovation and originality in the application of knowledge	8) Have innovation/creativity
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>B7-9</b>		9) Discuss and negotiate in high level of confidence based upon proofs and evidences

### ج - المهارات العملية:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Liverpool School of Tropical Medicine	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراة في الطفيليات الطبية)
-Medical Parasitology -Thesis -Practical & Other Activities	<b>C3,4,9</b>		1) Apply modern and principle professional skills in the area of specialization (Medical Parasitology)
-Medical Parasitology -Thesis -Practical & Other Activities	<b>C3,5-7,9</b>	Effectively manage, analyse and report data collected in the laboratory or field	2) Write and evaluate technical reports
-Medical Parasitology -Thesis -Practical & Other Activities	<b>C3,4</b>		3) Adopt assessment methods and tools existing in the area of specialization.
-Medical Parasitology -Thesis -Practical & Other Activities	<b>C9</b>	Undertake research investigations in a responsible, safe and ethical manner and accurately record the data collected	4) Use of the appropriate technological means to serve the professional practice.

-Medical Parasitology -Thesis -Practical & Other Activities	<b>C3,5-9</b>	Formulate a research question, devise an appropriate research strategy and take a systematic approach to project planning and management	5) Plan to improve the performance of the professional practice and development of the performance of others
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#### د- مهارات الاتصال:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark المعايير الأكاديمية لجامعة Liverpool School of Tropical Medicine	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراة في الطفيليات الطبية)
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>D1-4</b>	To communicate ideas, knowledge, and strategies confidently and effectively, both orally and in writing	1) Communicate effectively in different aspects
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>D4</b>	To apply numerical and IT skills with confidence and accuracy	2) Demonstrate efficient IT capabilities in such a way that serves in the development of the professional practice
-Medical Parasitology -Immunology of parasitic diseases & Advanced immunology -Molecular Parasitology & Advanced molecular biology -Nanotechnology -Thesis -Practical & Other Activities	<b>D4</b>		3) Manage the scientific meetings and manage time

<p>-Medical Parasitology -Immunology of parasitic diseases &amp; Advanced immunology -Molecular Parasitology &amp; Advanced molecular biology -Nanotechnology -Thesis -Practical &amp; Other Activities</p>	<p><b>D4</b></p>	<p>To take responsibility for self-managed learning</p>	<p>4) Adopt self-assessment and Adopt life-long learning</p>
<p>-Medical Parasitology -Immunology of parasitic diseases &amp; Advanced immunology -Molecular Parasitology &amp; Advanced molecular biology -Nanotechnology -Thesis -Practical &amp; Other Activities</p>	<p><b>D1,2</b></p>		<p>5) Use different resources for information and knowledge</p>
<p>-Medical Parasitology -Immunology of parasitic diseases &amp; Advanced immunology -Molecular Parasitology &amp; Advanced molecular biology -Nanotechnology -Thesis -Practical &amp; Other Activities</p>	<p><b>D1,2</b></p>	<p>To work effectively both independently and in collaboration with others</p>	<p>6) Collaborate effectively within multidisciplinary team and lead team works</p>
<p>-Medical Parasitology -Immunology of parasitic diseases &amp; Advanced immunology -Molecular Parasitology &amp; Advanced molecular biology -Nanotechnology -Thesis -Practical &amp; Other Activities</p>	<p><b>D4</b></p>	<p>To apply skills in effective project and time management to set goals, prioritise activities and meet deadlines</p>	<p>7) Demonstrate a high level of competence in the management of time and scientific meetings</p>