



خطة تخصص العلاج الطبيعي

المهن الطبية المساندة	البرنامج
العلاج الطبيعي	التخصص

تفصيل ساعات التخصص

الساعات المطلوبة	المتطلبات	تسلسل
16	متطلبات الكلية	أولا
26	متطلبات البرنامج	ثانيا
40	متطلبات التخصص	ثالثا
82		المجموع



أولاً: مساقات الكلية: (16) ساعة معتمدة، كما يلي:

رقم المساق	اسم المساق	الساعات المعتمدة	الساعات الأسبوعية		متطلب سابق
			نظري	عملي	
0010003	دراسات في الفكر العربي الإسلامي	3	3	-	-
0010002	اللغة الإنجليزية	3	3	-	-
0010005	النشاط الرياضي	1	-	1	-
0010001	اللغة العربية	3	3	-	-
0010006	مقدمة في الحاسوب الآلي	3	3	-	-
0010004	التنمية في الوطن العربي	3	3	-	-
	المجموع	16	15	1	



ثانياً: مساقات البرنامج: (26) ساعة معتمدة، كما يلي:

رقم المساق	اسم المساق	الساعات المعتمدة	الساعات الأسبوعية		متطلب سابق
			نظري	عملي	
0105264	علم تشريح وظائف الأعضاء 1	3	3	-	
0102157	اسعاف اولي	2	2	-	
0101105	الاحياء الدقيقة	2	2	-	
0101135	اللغة الانجليزية الطبية	2	2	-	
0101103	اخلاقيات المهنة	2	2		
0103170	علم الأمراض	2	2		
0105264	علم تشريح وظائف الأعضاء 2	3	3		0105264
0103177	الفيزياء الطبية	2	2		
0105285	الأمراض النفسية	2	2		
0101075	الصحة العامة	2	2	0	
0105270	علم الأشعة	2	2	0	
0105289	أساسيات علم الأدوية	2	2		
	المجموع	26			



ثالثاً: مساقات التخصص: (37) ساعة معتمدة، كما يلي:

رقم المساق	اسم المساق	الساعات المعتمدة	الساعات الأسبوعية		متطلب سابق
			نظري	عملي	
0105275	أساسيات العلاج الطبيعي	3	3		
0105269	الميكانيكا الحيوية (علم الحركة)	2	2	-	0105265/0105264
0105280	تمارين علاجية	3	3	-	
0105279	العلاج الطبيعي لأمراض الأطفال	3	3	-	0105265/0105264
0105282	العلاج بالمساج	2	2	-	
0105274	العلاج الكهربائي	3	3	-	
0105276	العلاج الطبيعي للكسور وأمراض العظام	3	3	-	
0105278	العلاج الطبيعي لحالات أعصاب الكبار	3	3	-	0105265/0105264
0105284	التأهيل	1	1	-	
0105286	التدريب الميداني 1	4	-	4	
0105271	الأجهزة والجبائر	2	2	-	
0105281	العلاج الطبيعي لحالات الباطنية والتوليد	2	2	-	
0105283	العلاج المائي	2	2	-	
0105287	التدريب الميداني 2	4	-	4	0105286
0105277	العلاج الطبيعي لأمراض المفاصل والروماتيزم	3	3		
	المجموع	40			



الخطة الاسترشادية

السنة الأولى					
الفصل الثاني			الفصل الأول		
ساعات معتمدة	اسم المساق	رقم المساق	ساعات معتمدة	اسم المساق	رقم المساق
2	علم الأمراض	0103170	3	علم تشريح وظائف الأعضاء 1	0105264
2	الميكانيكا الحيوية (علم الحركة)	0105269	2	اسعاف اولي	0102157
3	تمارين علاجية	0105280	2	الاحياء الدقيقة	0101105
3	علم تشريح وظائف الأعضاء 2	0105265	2	اللغة الانجليزية الطبية	0101135
3	العلاج الطبيعي لأمراض الأطفال	0105279	3	أساسيات العلاج الطبيعي	0105275
2	العلاج بالمساج	0105282	2	أخلاقيات المهنة	0101103
3	العلاج الكهربائي	0105274	3	اللغة الانجليزية	0010002
81			17	المجموع	

السنة الأولى		
الفصل الصيفي		
ساعات معتمدة	اسم المساق	رقم المساق
3	مقدمة في الحاسوب الآلي	0010006
3	اللغة العربية	0010001
3	التنمية في الوطن العربي	0010004
9		المجموع



السنة الثانية					
الفصل الثاني			الفصل الأول		
ساعات معتمدة	اسم المساق	رقم المساق	ساعات معتمدة	اسم المساق	رقم المساق
2	علم الأشعة	0105270	2	الفيزياء الطبية	0103177
2	العلاج الطبيعي لحالات الباطنية والتوليد	0105281	3	العلاج الطبيعي للكسور وأمراض العظام	0105276
2	العلاج المائي	0105283	3	العلاج الطبيعي لحالات أعصاب الكبار	0105278
4	التدريب الميداني 2	0105287	1	التأهيل	0105284
2	اساسيات علم الأدوية	0105289	2	الأمراض النفسية	0105285
3	دراسات في الفكر العربي الإسلامي	0010003	4	التدريب الميداني 1	0105286
1	النشاط الرياضي	0010005	2	الأجهزة والجباير	0105271
3	العلاج الطبيعي لأمراض المفاصل والروماتيزم	0105277	2	الصحة العامة	0101075
19	المجموع		19	المجموع	

Description for Physical Therapy Courses

❖ 0010004 التنمية في الوطن العربي (3 ساعات)

المساق موجه الى طلبة الكلية في تخصصاتهم المختلفة، ويهدف الى توضيح مفهوم التنمية وواقعها واهميتها للوطن العربي، من جوانب مختلفة، اجتماعية، اقتصادية، علمية، ثقافية، سياسية، وغيرها، ودراسة المشكلات والمعوقات الداخلية والخارجية التي تعترض برامج التنمية في الوطن العربي ولاسيما في فلسطين وسبل مواجهتها والتغلب عليها.

❖ 0010001 اللغة العربية (3 ساعات)

تنمية مهارات اللغة العربية الأساسية وتطويرها: بناء الجملة والعبارة بناء سليما خاليا من الأخطاء النحوية، الكتابة الخالية من الأخطاء الإملائية، استخدام المعاجم الشاملة والمتخصصة، التركيز في المعاجم اللغوية الشاملة على مدرستين معجميتين: مدرسة الباب والفصل والمدرسة الحديثة، المعاجم المتخصصة، تلخيص النصوص المختلفة مسموعة أو مقروءة تلخيصا وأفيا بالغرض.

❖ 0010002 اللغة الانجليزية (3 ساعات)

يركز المساق على تطوير مهارات القراءة و الكتابة للطلبة الذين يستخدمون اللغة الإنجليزية في دراستهم , ويتم تدريب الطلبة على تقنيات القراءة المختلفة مثل القراءة السريعة لاستخلاص الأفكار الرئيسية والقراءة المتفحصة للاستيعاب والقيام بالاستنتاجات والتعرف على المفردات من خلال السياق ، وذلك عن طريق تحليل النصوص القصيرة المكتوبة والتي غالبا ما تكون نصوصا أكاديمية وغير أدبية.

❖ 0010006 مقدمة في علم الحاسوب (3ساعات)

مكونات الحاسوب (المادية والبرمجية)، خصوصيات الحاسوب، أمن وفيروسات الحاسوب، البرامج الجاهزة (ويندوز، ميكروسوفت، وورد، ميكروسوفت اكسل، ميكروسوفت بوربوينت) مقدمة في الإنترنت تطبيقات الانترنت.

❖ 0010005 دراسات في الفكر العربي والاسلامي (3ساعات)

يهدف هذا المساق الى تعريف الطالب بالفكر العربي والاسلامي من حيث اسسه ومقاصده وتعميق الايمان بالاسلام عنده عقيدة وشرعا ونظام حياة وان يدرك الصلة الوثيقة بين العرب والاسلام وبيان دور العرب في حمل رسالته وفضل الاسلام على العرب والانسانية وكذلك ان يتعرف الطالب ويلم بالأنظمة الاسلامية في جوانبها التطبيقية ويتعرف على خصائص الحضارة الاسلامية وما يميزها عن غيرها من الحضارات



❖ **0102157 First Aid (2 Credit Hours)**

This course is designed to provide students with information about rapid orientation to basic information and skills needed to provide a safe pre-hospital care using the available community resources. It will provide the student with the basic medical assessment and procedures followed in cases of emergency.

❖ **0101075 Public Health (2 Credit Hours)**

This course provides the paramedical students with an introduction about the various fields that make up impact on public health. It provides the student knowledge about the important principles concerning causation, prevention, environmental and occupational health. Moreover, it focuses on methods of primary health prevention and health promotion.

❖ **0105264 Anatomy and Physiology I (3 Credit Hours)**

An overview course that covers the structure, function, and integration of cells, tissues, and organs of human body systems including the skeletal system, the muscular system, the articular system, cardiovascular system, the integumentary system, the lymphatic system, the urinary system, the respiratory system, the digestive system, the endocrine system, the reproductive system, and the nervous system.

❖ **0105265 Anatomy and Physiology II (3 Credit Hours)**

This course will emphasis on the skeletal structure, joints, muscular system, nervous system functions, cardiovascular and respiratory system together with the musculoskeletal anatomy of the thorax.

❖ **0105275 Basic for Physical Therapy (3 Credit Hours)**

A fundamental course in which students are trained on methods of assessment of musculoskeletal system from physical therapy view ,including manual muscle testing , measurements of range of motion, sensory assessment, postural assessment. Then the course will teach the techniques and clinical uses of various massage manipulations and thermal agents' applications, physiological and therapeutic effects of massage and thermal agents as well as precautions and contraindications will discussed.



❖ **0105278 Physical Therapy in Adults' Neurological Condition (3 Credit Hours)**

This course provides information on common adult neurological disorders; emphasis placed on etiology, pathology, and clinical features of conditions, such as hemiplegia, multiple sclerosis, spinal cord, traumatic brain injuries and any other related neurological conditions. Common physical therapy neurological interventions, exercise programs, and treatment progressions will be applied in laboratory sessions with a variety of neurological diagnoses.

❖ **0105279 Physical Therapy for Pediatric (3 Credit Hours)**

This course focused on Physical therapy intervention of the major pediatric conditions. The student will gain knowledge about the etiology, pathology, diagnosis; and clinical features of the most common conditions in pediatrics, such as neurological disorders, congenital abnormalities, disorders involving the respiratory tract. Students will understand and safely implement the applications of physical therapy interventions with these conditions through theoretical and laboratory classes.

❖ **0105281 Physical Therapy for Internal Gynecology & Obstetric Conditions (3 Credit Hours)**

This course designed to introduce the student to the basic knowledge of gynecological conditions. It will also introduce the students to the basic principles and techniques of physical therapy as they relate and applied to the prevention, correction and restoration of function in specific internal and gynecological conditions. Emphasis placed on incontinence, pre and post-natal physical therapy interventions.

❖ **0105280 Therapeutic Exercises (2 Credit Hours)**

This course focuses on the study of therapeutic exercise principles and applications to patients with various disabilities. Emphasis is on strengthening, mobility, muscle reeducation, as it relates to the role of the physical therapy assistant with assisting the physical therapist in the evaluation process addressed. Students will learn to select exercises for specific results; i.e., increasing strength, coordination, endurance, flexibility, and balance. Ambulation activities including gait patterns, perambulation exercises and uses of different exercise equipment such as treadmill, shoulder wheel, quadriceps bench...etc. will be demonstrated through the laboratory classes.



❖ **0105285 Psychosocial Issues in Health Care (2 Credit Hours)**

This course designed to highlight the psychosocial aspects of the patient/client and health care practitioner. Emphasis on the integration of psychological, sociological, educational, cultural, and economic concerns on the delivery of health care services. Communication skills and social responsibilities of the health care practitioner discussed. After completion of this course, the student will develop the skills to meet expectations and needs of members of society receiving health care services.

❖ **0105274 Electrotherapy (3 Credit Hours)**

This course is designed to provide students with information about the effects of different electrical currents which used in electrotherapy .The course will focus on indication, contraindication of each current, the effects of low, medium and high frequency, light and magnetic therapy which will be discussed through theoretical and practical sessions.

❖ **0105269 Kinesiology (2 Credit Hours)**

This course designed to provide students with information about force, motion, friction, development of movement, equilibrium, stability and behavior of biological materials. This course focuses on movement of upper, lower limbs and muscle function, weight bearing, and gait analysis.

❖ **0105283 Hydrotherapy (2 Credit Hours)**

This course aims at providing the student with the necessary information about the hydrotherapy concepts and uses in physical therapy including (heat, cold, indication, contraindication and the effect of heat, cold, and steam on the muscles, joints, nerves circulatory system and on the human body as a whole). In addition, the course will cover uses of hydrotherapy in the treatment of some rheumatic cases, joints, muscles sprain, strain, and trauma and post fractures.

❖ **0103170 Pathology (2 Credit Hours)**

This course aims to provide an understanding of basic pathological processes in order to appreciate the changes produced by specific diseases and clinical conditions treated by physiotherapy topics to be covered will include infection, inflammation, degeneration, immunity and cancer.



❖ **0105284 Rehabilitation (1 Credit Hour)**

This course will cover numerous specialty areas including vascular disorders, amputations, prosthetics, orthotics, burns, and cardiopulmonary diagnoses. Students will learn specific intervention strategies and data collection skills associated with rehabilitation.

❖ **0105271 Prosthetics and Orthotics (2 Credit Hours)**

This course is an introduction to the application of Prosthetics and Orthotic devices in the rehabilitation process of patient and disabled persons. This courses included in the course is a survey of commonly used devices, principles of fitting and alignment, criteria for selection of various components, instruction in donning, removing, and maintenance of prostheses and orthotics, patient education in use of devices, and development of skill in fabrication of plaster positioning splints for upper and lower extremities.

❖ **0101135 Medical English (2 Credit Hours)**

This course provides the student with a background in medical terminology. It will assist the student to recognize medical words by identifying Greek and Latin suffixes and prefixes, the root words, and combining forms. It will also assist the student to pronounce correctly medical terms and to recall and interpret medical abbreviations, anatomical and physiological terminology, combining forms, pathological terminology, clinical procedures, laboratory tests, medical specialties, and abbreviations will presented for each body system.

❖ **0105286 Clinical Field Work One (4 Credit Hours)**

The student should study the following courses, before being involved in clinical field work one : Anatomy & physiology – introduction to physiotherapy – kinesiology, medical English - anatomy for physiotherapy – physiotherapy basics – general pathology – chemistry – orthopedic - physiotherapy skills one.

Students will complete an eight weeks full time period of supervised clinical practice during the summer session of the first year program. This practicum will related to the theory part the students received during the first academic year. Students will gain experience assessing and examining patients with conditions affecting one area of the body and will observe and start to treat patients using manipulative and movement's techniques only.



❖ **0105287 Clinical Field Work Two (4 Practical)**

Students will complete an eight-week full time period of the second year program. This practicum will relate to physiotherapy theory the students received during the first and second academic year. Students will gain experience in treating patients with conditions affecting more than one area of the body using manipulative, movements, electrotherapy, treating patients with multiple disabilities. During this period, students will prepare patient evaluation under senior PT supervision.

❖ **0101103 Occupational Ethics (2 Credit Hours)**

This course is an introduction to medical ethics which covers topics such as (attitudes, moral principles, codes) then managing health care, importance of communication , counseling and selected topics in medical ethics.

❖ **0105276 Orthopedics Physiotherapy Management in Orthopedic (3 Credit Hours)**

This course provides the student with a knowledge on principles of common orthopedic disorders , fracture and soft tissue injuries healing applied to musculoskeletal injuries , disorders, and functions specific to each joint are covered. Physical therapy interventions and management for specific orthopedic injuries across the lifespan are addressed practices of orthopedic conditions. Orthopedics: This component focuses on cold orthopedics including fractures of bones ,dislocation ,tendons& ligaments injures, congenital and acquired pathologies, , joint replacements, non-traumatic spinal conditions and amputations.

❖ **0105277 Rheumatology and Joint Diseases & Physiotherapy (3 Credit Hours)**

This course provides to student with a knowledge on principles of common orthopedic soft tissue injuries and joint diseases , healing applied to musculoskeletal injuries, and functions specific to each joint are covered. Physical therapy interventions and management for specific orthopedic injuries across the lifespan are addressed practices of orthopedic conditions. Orthopedics: This component focuses on cold, congenital and acquired pathologies, joints diseases and joint degenerative changes.



❖ **0105289 Pharmacology (2 Credit Hours)**

The course in Pharmacology and Biochemistry provides the student basic knowledge of Biochemistry and Pharmacology in order to understand the general biochemical process of drugs in the body and their importance in physiotherapy treatment.

❖ **0105282 Massage Therapy (2 Credit Hours)**

This course will cover the history and theory of massage therapy. The five strokes will closely studied as well as the effects they produce. The theory of how massage causes these effects will also studied. This course will then cover proper all techniques, both through verbal instruction and hands on participation. As students learn the routine, they will also taught how to take a verbal intake as well as proper communication skills with clients. This course will have both lecture material and interactive, hands on learning time. Students will have ample time to practice the massage skills on each other during class allowing them to feel confident in their skills.

❖ **0105270 Introduction to Radiologic Science (2 Credits Hours)**

This course is an introduction to radiologic science. The content designed to prepare students for upcoming academic study and clinical experiences. Topics include medical terminology, types of radiation, introduction to imaging, equipment, radiation protection, patient management, positioning principles, radiation therapy, and roles of physiotherapist professionals as parts of the health care team.

❖ **0103177 Medical Physics (2 Credits Hours)**

This course designed to integrate the theory of physics and the practice of respiratory care. Topics included are airway pressure monitoring, compliance, elasticity, and resistance of the lung/ribcage, surface tension of the alveoli, the effects of temperature, volume and pressure on the airway and resultant ventilation and oxygenation.

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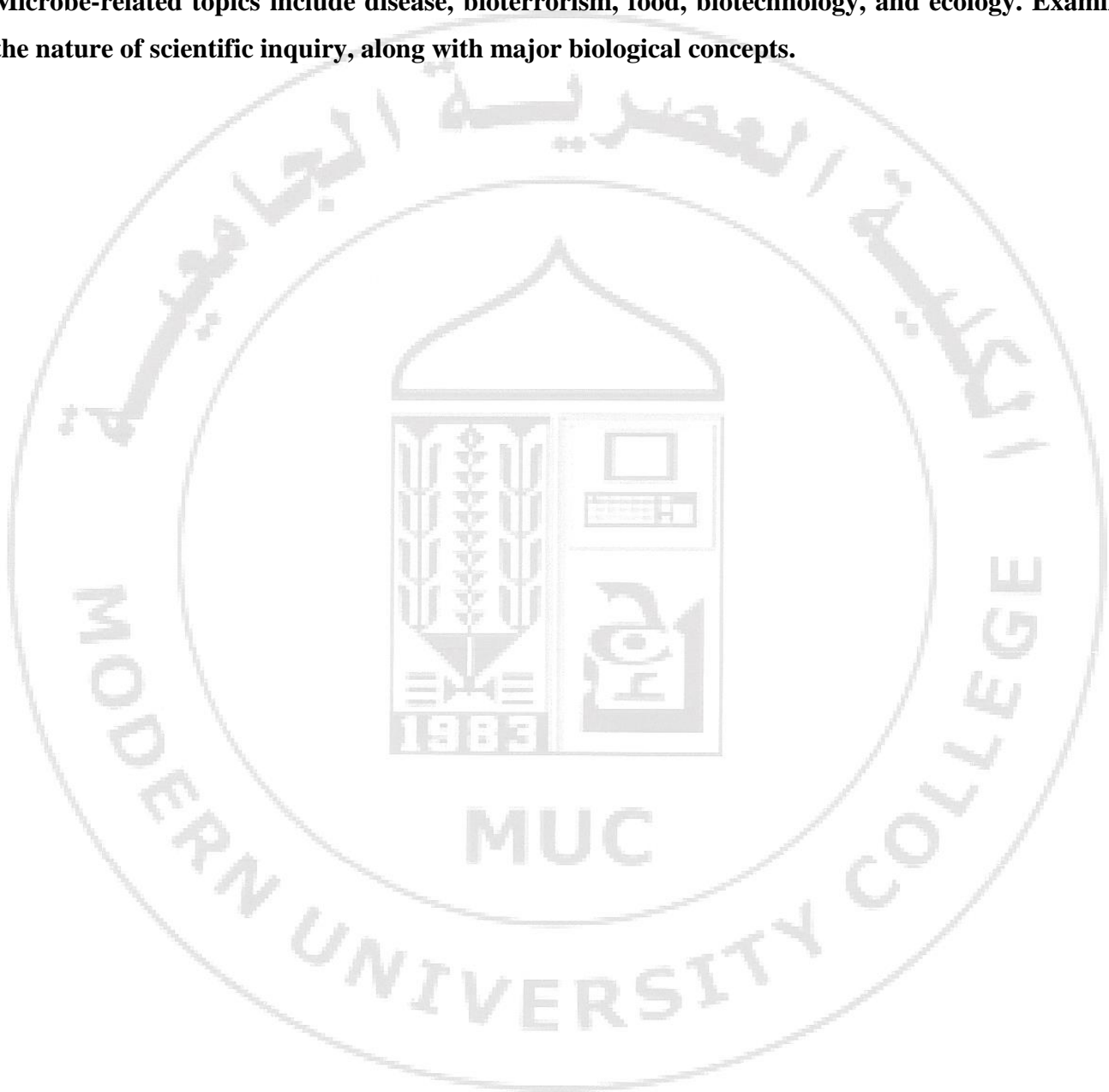
رام الله – فلسطين

كلية جامعية تمنح

درجتي البكالوريوس والدبلوم المتوسط

❖ **0101105 Microbiology (2 Credits Hours)**

Focuses on activities of bacteria, viruses, and other microorganisms, and their influence on humans. Microbe-related topics include disease, bioterrorism, food, biotechnology, and ecology. Examines the nature of scientific inquiry, along with major biological concepts.



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رسالتنا: تقديم تعليم أكاديمي ومهني متميز، وإيجاد بيئة محفزة للتعليم والإبداع الفكري والمهني وفق معايير وتقنيات عالمية ومخرجات عالية الجودة تتجسم والمستجدات وحاجة السوق.

رؤيتنا: أن نكون "مؤسسة تعليم عالي" رائدة. ونموذجاً للتفوق والتميز في التعليم الأكاديمي والمهني والبحث العلمي على المستوى المحلي والعالمية.