



Faculty of Medicine

Department of *Dermatology and Venerology*

Degree: Master in Dermatology and Venerology programme

A-Basic Information:

- 1- **Program title and Code: Master Degree In dermatology and Venerology. (DV 200)**
- 2- **Final award:** Master (MSc) in dermatology and Venerology.
- 3- **Program type:** √ Single Double Multiple
- 4- **Responsible Department:** Dermatology and Venerology department.
- 5- **Departments involved in the programme:** Dermatology and Venerology department, Neuropsychiatry, Internal Medicine, General surgery, Medical physiology, Medical Microbiology and Medical Biochemistry.
- 6- **Programme duration: 2 years**
- 7- **Number of programme courses: 9**
- 8- **Coordinator:** Prof. Eman Saad Abdelazim,
- 9- **External evaluators:** Dr. Talal Abdelrehem
- 10- **Programme management team:** All staff members.

B- Professional Information:

1- Program aims:

Graduate of Master Degree in dermatology and Venerology should be able to:

- 1.1. Achieve competency in practical use of basics, methods and tools of scientific research in the field of dermatology, Venerology and andrology
- 1.2. Know the analytical scientific ways in the field of professional practice in dermatology, Venerology and andrology.
- 1.3 Gain specialized knowledge essential for the practice of dermatology, Venerology and andrology according to the international standards and be able to correlate such

knowledge with related basic subjects during professional practice of dermatology, Venerology and andrology.

1.4. Exhibit a satisfactory level of awareness as regards the current & common problems and recent updates in the field of dermatology, Venerology and andrology.

1.5. Exhibit practically effective communication skills that enables exchange of information with other health professionals, colleagues, students and develop the skills of leadership.

1.6. Show adequate awareness of public health and health policies and actively share in and in assessment of community needs & solve their problems in view of the continuous national and international changes.

1.7. keep on the appropriate attitude and professionalism that comply with the adopted standards of code of practice.

a1.8. Acquire essential skills of life-long learning and continuous medical education and professional self-development.

2- Intended learning outcomes (ILOs)

(a)- Knowledge and understanding:

By the end of the study of master program, the candidate should be able to:

a.1. Illustrate theories, basics & recent advances in the field of dermatology, Venerology and andrology and the relevant sciences related to the specialty

a.2 Describe recent advances in etiology, clinical picture and management of dermatological diseases.

a.3 Describe recent advances in the management and prevention of dermatological diseases. Identify recent advances in methods of molecular biology.

a.4. Define the effects of the environment on the professional practice of dermatology, Venerology and andrology and the impact of such practice on it and the welfare of the society

a.5. Outline the main scientific progress & developments in the field of dermatology, Venerology and andrology

a.6. Identify the basic medico-legal principles that should be applied in the practice of dermatology, Venerology and andrology

a.7 List professionally the basics & standards of quality assurance to ensure good practice in the field of dermatology, Venerology and andrology

a.8. Memorize the fundamentals and ethics of medical research.

a.9 Identify the ethical aspects of conducting scientific researches in the field of Dermatology, Venerology and andrology.

a.10 Describe recent advances in methods of infection control.

(b)- Intellectual skills

By the end of the program the candidate should be able to:

b.1. Appraise & interpret relevant basic information, morphological features and correlate them with essential clinical data to reach a final diagnosis

b.2. Solve problems in spite of lack of some data through the approach of investigative & analytical thinking by giving a list of differential diagnosis for further advanced investigations

b.3. Correlate different knowledge & relevant information to reach a final diagnosis.

b.4. correlate the role of dermatopathology in clinicopathologic diseases.

b.5. Carry out a scientific research study and acquire the skills of analysis & interpretation of results and solve problems

b.6 Evaluate then manage efficiently potential risks that may arise during the practice of pathology in different clinical situations like handling and processing of specimens as well as during performing different essential techniques.

b.7. Plan for the development of acquisition of skills of basic & modern pathological laboratory techniques as well as principals of surgical histopathology.

b.8. Appraise the skills of presenting a case-study or review in one of the common problems in dermatology, Venerology and andrology.

b.9 Formulate plans that reflects the skills of decision-making in different situations in the field of dermatology, Venerology and andrology.

3. Skills:

(c)- Professional and practical skills

By the end of the study of master program in dermatology, Venerology and andrology the candidate should be able to:

- c.1. Examine the basic structure and function of different microbes.
- c.2. Practice efficiently basic and modern histological procedures & techniques.
- c.3 Identify the pathogenesis, laboratory diagnosis and management of dermatological diseases and infections (bacteria, viruses and fungi).
- c.4. Find out the role of the immune system by laboratory examination in dermatological diseases
- c.5 Examine different types of dermatological neoplasms and how to manage.
- c.6 Relate dermatological findings to different systemic diseases.
- c.7 Correlate pathological findings to clinical findings to find out the diagnosis.
- c.8. Perceive & improve current methods and tools existing in practical, laboratory & dermatology, Venerology and andrology
- c.9 plan for performing experiments related to the specialty of dermatology, Venerology and andrology
- c.10 Use microscope to reach pathological diagnosis in the field of dermatopathology.
- c.11 Counsel others in the lab regarding the basics of essential techniques and issues related to maintain safety and maintenance of available resources
- c. 12 Write competently and evaluate the medical reports.
- c.13 perform competently all lab. procedures considered essential for Dermatology, Venerology and andrology related conditions

(d). General and transferable skills

By the end of the study of master program in pathology the candidate should be able to:

- d.1 Use efficiently the information technology including data entry & analysis of enhance data management and to achieve improvement of the professional practice
- d.2 Communicate efficiently with senior staff, colleagues, lab technical staff, other health care professionals, students and patients
- d.3 Use efficiently different sources of information to get essential and relevant knowledge
- d.4 Work effectively in a team, and demonstrate the skills of leadership in various professional contexts.
- d.5 Manage time efficiently and learn to priorities tasks.
- d.6 . Show the skills of continuous & self-learning.
- d.7 Demonstrate skills of self-evaluation and identify personal learning needs to design plans for self-development

- d.8 Express medicolegal problems to assist in their solving according to medical ethics.
- d.9 Show concern and effectively deal with unethical behavior of other members of healthcare team.
- d.10 Show respect to all patients irrespective of their socioeconomic levels, culture or religious beliefs and use language appropriate to the patient's culture.
- d.11 Develop effective indicators for assessment of performance of others including students, junior staff and technical lab staff. Be aware of the importance of life-long self-learning and show a strong commitment to it
- d.12 Be aware of the importance of life-long self-learning and show a strong commitment to it.

3- Program Academic Reference Standards:

- Faculty of Medicine, Minia University adopted the general national academic reference standards provided by the national authority for quality assurance and accreditation of education (NAQAAE) for all postgraduate programs. (Faculty Council Decree No.6854, in its session No.177 Dated: 18/5/2009). {Annex 1}.
- Minia faculty of medicine has developed the academic standards (ARS) for Master (Msc) program and was approved in faculty Council decree No.7528, in its session No.191, dated: 15-3-2010), last update: 20-2-2023 {Annex I}.
- Then, dermatology and Venerology department has developed the intended learning outcomes (ILOs) for Master (Msc) program in dermatology and venerology and the Date of program specifications first approval was by department council: 7-5-2013, last update: 8-3-2023{Annex 2}.

-Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS) and MSC program of dermatology and venerology. (Annex II)

4. Program External Reference:

5. Program Structure: (Program duration: 2 years) .

Subject	Hour/week		
	Lectures	Practical	Clinical
1- First part			
1. Histopathology	2	1	1
2. Psychiatry	2	1	1
3. Medical Biochemistry	1	1	-
4. Medical Microbiology	1	1	-
5. Medical Physiology	1	1	-
6. Internal medicine	2	1	1
7. General surgery	2	1	1
8. Medical Ethics	2	-	-
2- Thesis	Continuous		
3- Second part			
9-Dermatology, Venerology and andrology	8	8	8

5. Program courses:

- Nine courses are compulsory. To ensure complete coverage of all program ILOs by courses, a correlation between them has been done.

Course Title	Total No. of Hours	No. of hours /week		
		Lect.	Lab.	tutorial
Histopathology	4	2	1	1
Training programs and workshops, field visits, seminars& other scientific activities	Continuous			
Psychiatry	4	2	1	1
Medical Biochemistry	2	1	1	-
Medical microbiology and Immunology	2	1	1	-
Medical physiology	2	1	1	-
Internal medicine	4	2	1	1
General surgery	4	2	1	1
Medical ethics	2	2		
Research (thesis)	Continuous			
Dermatology, Venerology and andrology	24	8	8	8
Training programs and workshops, field visits, seminars& other scientific activities	Continuous			

6- Program admission requirements

1. General requirements:

A. candidates should have either:

1. MBBCH degree from any Egyptian faculty of medicine or

2. Equivalent degree from medical schools abroad approved by the ministry of higher education

B. candidate should complete the house office training year.

C. follows postgraduate regulatory rules of Minia faculty of medicine.

2. Specific requirements:

A. candidates graduated from Egyptian universities should "Good Rank" in their final year/ cumulative years examination and grade "Good Rank "in pathology course too.

B. candidate should know how to speak and write English well.

C. candidate should have computer skills.

7- Regulations for progression and program completion

Duration of program 2years, starting from registration till the second part exam; divided to:

First Part: (≥6 months):

- At least six months after registration should pass before the student can ask for examination in the 1st part
- Two sets of exams: 1st in April — 2nd in October.
- For the student to pass the first part exam, a score of at least 60% in each curriculum is needed (with at least 40% in the written exam).
- Those who fail in one curriculum need to re-exam it only.

Thesis/essay:

- Start from registration and should be completed, and accepted at least after passing the 1st part examination and at least one month before allowing to enter 2nd part final exam.
- Accepting the thesis occurs after acceptance and/or publishing one thesis-based paper in local or international journal and this is adequate to pass this part.

Second Part: (≥18 months):

- Program related specialized science dermatology, Venerology and andrology Courses.
- Actual work for 18 months as a demonstrator /trainer in the department of dermatology and Venerology.
- The student should pass the 1st part before asking for examination in the 2nd part.
- Two sets of exams: 1st in April— 2nd in October.

- For the student to pass the second part exam, a score of at least 60% in each curriculum is needed (with at least 40% in the written exam).
- Fulfillment of the requirements in each course as described in the template and registered in the log book is a prerequisite for candidates to be assessed and undertake part 1 and part 2 examinations; as following:
 - a. Journal club
 - b. Training courses
 - c. Case presentation
 - d. Conference attendance
 - e. Seminars
 - f. Thesis discussion
 - g. Workshops

8- Methods of teaching and learning:

- Lectures
- Practical (Seminars, grand rounds, pathology sessions and case presentation sessions)
- Assignment and journals club
- Attending and participating in scientific conferences, workshops.
- Training courses
- Thesis discussion attendances

9- Methods of student assessment:

Method of assessment	The assessed ILOs
1-Research (Thesis)	<ol style="list-style-type: none"> a. Knowledge & understanding, b. Intellectual skills c. Practical skills d. General & transferable skills
2-Written Exams: a-Short essay b-Problem solving	<ol style="list-style-type: none"> a. Knowledge & understanding b. Intellectual skills <ol style="list-style-type: none"> a. Knowledge & understanding skills

	<ul style="list-style-type: none"> b. Intellectual skills c. Professional skills
3-Practical Exams Case examination Case discussion	<ul style="list-style-type: none"> a. Intellectual skills b. Professional & practical skills
4- Oral Exams	<ul style="list-style-type: none"> a. knowledge & understanding b. Intellectual skills c. General & transferable skills
5. Log book	<ul style="list-style-type: none"> a. Knowledge & understanding b. Intellectual skills c. Professional & practical skills d. General & transferable skills

10- Program Evaluation:

Evaluator (By whom)	Method/tool	Sample
1. Senior students (Students of last year)	Questionnaires	All the students (file attached)
2. Graduates (Alumni)	Questionnaires	10 at least (file attached)
3. Stakeholders	Questionnaires	10 at least (file attached)
4. External & Internal evaluators and external examiners	Reports	2
5. Quality Assurance Unit	Reports Questionnaires Site visits	
6. Exams results	Results analysis Report	All the students

11-Weight of courses assessment:

Course	Total	Written exam	Oral exam	Clinical/Practical exam
1- Histopathology	٧٥	٣٠	٤٥	---
2- Psychiatry	٧٥	٣٠	٤٥	---
3- Medical Biochemistry	٢٥	١٠	١٥	---
4- Medical Microbiology	٢٥	١٠	١٥	---
5- Medical Physiology	٢٥	١٠	١٥	----
6- Internal medicine	37.5	١٥	١٠	12.5
7- General surgery	37.5	١٥	١٠	12.5
8- Medical Ethics	100	40	٣٠	٣٠
9- Dermatology, venerology and andrology	٧٠٠	٢٨٠	٢١٠	٢١٠

Head of Department: Prof. / Sherif Shokry Awad

Annex (I)

مصفوفه توافق المعايير القومية القياسية العامه لبرامج الماجستير مع المعايير الأكاديمية المعتمده من كلية الطب / جامعة
المنيا لدرجة الماجستير في الجلدية والتناسلية وامراض الذكورة

Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS)

NAQAAE برامج الماجستير	Faculty Master (MSC) Program
1. مواصفات الخريج: خريج برنامج الماجستير في أي تخصص يجب أن يكون قادرًا على:	1. Graduate Attributes: Graduate of master (MSC) program should be able to:
1.1. إجادة تطبيق أساسيات ومنهجيات البحث العلمي وإستخدام أدواته المختلفة.	1.1. understanding and applying of basics of research method and research tools
2.1. تطبيق المنهج التحليلي وإستخدامه في مجال التخصص	2.1. Critically analyze, evaluate, and effectively communicate findings, theories, and methods
3.1. تطبيق المعارف المتخصصة ودمجها مع المعارف ذات العلاقة في ممارسته المهنية.	3.1. Apply integrated professional and general knowledge in his scholarly field and at the interface between different fields.
4.1. إظهار وعيا بالمشاكل الجارية والرؤى الحديثة في مجال التخصص.	4.1. Demonstrate awareness of community health needs related to the field of specialization by understanding the beneficial interaction with the society to improve quality of life
5.1. تحديد المشكلات المهنية وإيجاد حلول لها.	5.1. Demonstrating proficiency, required to solve current complex problems in his scholarly field.
6.1. إتقان نطاق مناسب من المهارات المهنية المتخصصة وإستخدام الوسائل التكنولوجية المناسبة بما يخدم ممارسته المهنية.	6.1. Master a variety of technical skills in his scholarly field and expert relevant equipment, technology, and software.
7.1. لتواصل بفاعلية والقدرة على قيادة فرق العمل.	7.1. Gain leadership skills and be able to communicate efficiently with colleagues and get the best results.

8.1. اتخاذ القرار في سياقات مهنية مختلفة.	8.1. Take professional situational decisions and logically support them.
9.1. توظيف الموارد المتاحة بما يحقق أعلى استفادة و الحفاظ عليها	9.1. Optimal use of available resources to achieve research or best patient health care and ensure its maintenance.
10.1. إظهار الوعي بدوره في تنمية المجتمع والحفاظ على البيئة في ضوء المتغيرات.	10.1. Demonstrate awareness of its role in community health development and
11.1. التصرف بما يعكس الالتزام بالنزاهة والمصداقية والالتزام بقواعد المهنة.	11.1. Exhibit ethical behavior that reflect commitment to the code of practice
12.1. تنمية ذاته أكاديميا ومهنيا و قادرا علي التعلم المستمر.	12.1. demonstrate the ability to sustain a lifelong personal and professional growth.
٢. المعايير القياسية العامة: NAQAAE General Academic Reference Standards “GARS” for Master Programs	2. Faculty Academic Reference Standards (ARS) for Master Program
٢,١. المعرفة والفهم: بانتهاء دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي الفهم والدراسة بكل من:	2.1. Knowledge & Understanding: Upon completion of the Master Program in..... , the graduate should have sufficient knowledge and understanding of:
٢,١,١. النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة	2.1.1. Understand the scientific basis and modern knowledge in the field of specialization and related medical sciences
٢,١,٢. التأثير المتبادل بين الممارسة المهنية وانعكاسها علي البيئة	2.1.2. The mutual influence of professional practice on work environment, working conditions, and job characteristics.
٢,١,٣. التطورات العلمية في مجال التخصص	2.1.3. Scientific developments in the field of specialization
٢,١,٤. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص	2.1.4. Recognize basics of medico-legal aspects of practice, malpractice and avoid common medical errors
٢,١,٥. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص	2.1.5. Quality principles in the scholarly field

٦, ١, ٢. أساسيات وأخلاقيات البحث العلمي	2.1.6. Basis of research methodology and medical ethics.
2.2. المهارات الذهنية: بانتهاج دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	2.2. Intellectual Skills: Upon completion of the master program of....., the graduate should be able to:
2.2.1. تحليل وتقييم المعلومات في مجال التخصص والقياس. عليها حل المشاكل	2.2.1. Use judgment skills for analytical and critical problem solving
2.2.2. حل المشاكل المتخصصة مع عدم توافر بعض المعطيات	2.2.2. Capable of integrating knowledge and dealing with complex subjects to solve problems
2.2.3. الربط بين المعارف المختلفة لحل المشاكل المهنية	2.2.3. Be capable of integrating research results and/or results of history, physical and laboratory test findings to solve a research or a clinical problem.
2.2.4. إجراء دراسة بحثية و/أو كتابة دراسة علمية منهجية حول مشكلة بحثية	2.2.4. Effectively apply research methods and carrying out a medical research thesis
2.2.5. تقييم المخاطر في الممارسات المهنية في مجال التخصص	2.2.5. Be aware of risk management principles, and patient safety.
2.2.6. التخطيط لتطوير الأداء في مجال التخصص	2.2.6. Establish goals, commitments, and strategies for improved professional performance in the field of specialty
2.2.7. اتخاذ القرارات المهنية في سياقات مهنية متنوعة.	2.2.7. Take professional situational decisions and logically support them.
3.2. المهارات المهنية: بانتهاج دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	3.2. Professional Skills: Upon completion of the master program of....., the graduate must be able to:
3.2.1. إتقان المهارات المهنية الأساسية والحديثة في مجال التخصص.	3.2.1. Master the basic and some advanced professional skills in his scholarly field.
٢, ٢, ٣ كتابة و تقييم التقارير المهني.	3.2.2. Write and evaluate medical or scientific reports
٢, ٣, ٢ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research
4.2. المهارات العامة والمنتقلة : بانتهاج دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	4.2. General and transferable skills Upon completion of the master program of....., the graduate should be able to:

٤,٢,١. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.
٤,٢,٢. استخدام تكنولوجيا المعلومات بما يخدم الممارسة المهنية	4.2.2. Use of information technology (computer to create, process, store, secure and exchange electronic data) in the field of medical practice.
4.2.3. لتقييم الذاتي وتحديد احتياجاته التعليمية الشخصية	4.2.3. Assess himself and identify personal learning needs
4.2.4. استخدام المصادر المختلفة للحصول على المعلومات والمعارف	4.2.4. Use various sources for information (physical and digital sources).
4.3.5. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others
4.2.6. العمل في فريق، وقيادة فرق في سياقات مهنية مختلفة	4.2.6. Work in a team, and Apply leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system
4.2.7. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently
٤,٢,٨. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.

Date of the last approval by department council: 8-3-202

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية
أ.د شريف شكري عوض


Annex (II)

Comparison between National Academic Quality Assurance & Accreditation (NAQAAE) General Academic Reference Standards (GARS) and Faculty Academic Reference Standards (ARS) and MSc Program of Dermatology and Venerology

NAQAAE برامج الماجستير	Faculty Master (MSc) Program	Program ILOs
٢,١. المعرفة والفهم: بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا علي الفهم والدراية بكل من:	<p>2.1. Knowledge & Understanding:</p> <p>Upon completion of the Master Program in..., the graduate should have sufficient knowledge and understanding of:</p>	<p>. Knowledge & Understanding:</p> <p>Upon completion of the Master Program in dermatology and venerology, the graduate should have sufficient knowledge and understanding of:</p>
٢,١,١. النظريات والأساسيات والحديث من المعارف في مجال التخصص والمجالات ذات العلاقة	2.1.1. Understand the scientific basis and modern knowledge in the field of specialization and related medical sciences	<p>a.1. Illustrate theories, basics & recent advances in the field of dermatology, Venerology and andrology and the relevant sciences related to the specialty</p> <p>a.2 Describe recent advances in etiology, clinical picture and management of dermatological diseases.</p> <p>a.3 Describe recent advances in the management and prevention of dermatological diseases. Identify recent advances in methods of molecular biology.</p>
٢,١,٢. التأثير المتبادل بين الممارسة المهنية وانعكاسها علي البيئة	2.1.2. The mutual influence of professional practice on work environment, working conditions, and job characteristics.	<p>a.4. Define the effects of the environment on the professional practice of dermatology, Venerology and andrology and the impact of such practice on it and the welfare of the society</p> <p>a.10 Identify recent advances in methods of infection control.</p>
٢,١,٣. التطورات العلمية في مجال التخصص	2.1.3. Scientific developments in the field of specialization	<p>a.5. Outline the main scientific progress & developments in the field of dermatology, Venerology and andrology</p> <p>a.9 Identify the ethical aspects of conducting scientific researches in</p>

		the field of Dermatology, Venerology and andrology.
٢,١,٤. المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص	2.1.4. Recognize basics of medico-legal aspects of practice, malpractice and avoid common medical errors	a.6. Identify the basic medico-legal principles that should be applied in the practice of dermatology, Venerology and andrology
٢,١,٥. مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص	2.1.5. Quality principles in the scholarly field	a.7 List professionally the basics & standards of quality assurance to ensure good practice in the field of dermatology, Venerology and andrology
٢,١,٦. أساسيات وأخلاقيات البحث العلمي	2.1.6. Basis of research methodology and medical ethics.	a.8. Memorize the fundamentals and ethics of medical research. a.9 Identify the ethical aspects of conducting scientific researches in the field of Dermatology, Venerology and andrology
2.2. المهارات الذهنية: بانتهاء دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	2.2. Intellectual Skills: Upon completion of the master program....., the graduate should be able to:	2.2. Intellectual Skills: Upon completion of the master program dermatology and venerology, the graduate should be able to:
2.2.1. تحليل وتقييم المعلومات في مجال التخصص والقياس عليها لحل المشاكل	2.2.1. Use judgment skills for analytical and critical problem solving	b.1. Appraise & interpret relevant basic information, morphological features and correlate them with essential clinical data to reach a final diagnosis
2.2.2. حل المشاكل المتخصصة مع عدم توافر بعض المعطيات	2.2.2. Capable of integrating knowledge and dealing with complex subjects to solve problems	b.2. Solve problems in spite of lack of some data through the approach of investigative & analytical thinking by giving a list of differential diagnosis for further advanced investigations
2.2.3. الربط بين المعارف المختلفة لحل المشاكل المهنية	2.2.3. Be capable of integrating research results and/or results of history, physical and laboratory test findings to solve a research or a clinical problem.	b.3. Correlate different knowledge & relevant information to reach a final diagnosis. b.4. Identify the role of dermatopathology in clinicopathologic correlation.

2.2.4. إجراء دراسة بحثية و/أو كتابة دراسة علمية منهجية حول مشكلة بحثية	2.2.4. Effectively apply research methods and carrying out a medical research thesis	b.5. Carry out a scientific research study and acquire the skills of analysis & interpretation of results and solve problems
2.2.5. تقييم المخاطر في الممارسات المهنية في مجال التخصص	2.2.5. Be aware of risk management principles, and patient safety.	b.6 Evaluate then manage efficiently potential risks that may arise during the practice of pathology in different clinical situations like handling and processing of specimens as well as during performing different essential techniques.
2.2.6. التخطيط لتطوير الأداء في مجال التخصص	2.2.6. Establish goals, commitments, and strategies for improved professional performance in the field of specialty	b.7. Plan for the development of acquisition of skills of basic & modern pathological laboratory techniques as well as principals of surgical histopathology.
2.2.7. اتخاذ القرارات المهنية في سياقات مهنية متنوعة	2.2.7. Take professional situational decisions and logically support them.	b.9 Formulate plans that reflects the skills of decision-making in different situations in the field of dermatology, Venerology and andrology.
3.2. المهارات المهنية: بإنتهاء دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:	3.2. Professional Skills: Upon completion of the master program of, the graduate must be able to:	3.2. Professional Skills: Upon completion of the master program of dermatology and venerology, the graduate must be able to:
3.2.1. إتقان المهارات المهنية الأساسية والحديثة في مجال التخصص	3.2.1. Master the basic and some advanced professional skills in his scholarly field.	c.1. Outline the basic structure and function of different microbes. c.2. Practice efficiently basic and modern histological procedures & techniques. c.3 Explain the pathogenesis, laboratory diagnosis and management of dermatological diseases and infections (bacteria, viruses and fungi).

		<p>c.4. Define the role of the immune system in health and disease.</p> <p>c.5 Mention different types of dermatological neoplasms and how to manage.</p> <p>c.6 Relate dermatological findings to different systemic diseases.</p>
٣,٢,٢ كتابة و تقييم التقارير المهني.	3.2.2. Write and evaluate medical or scientific reports	c. 12 Write competently and evaluate the medical reports.
٢,٣,٣ تقييم الطرق والأدوات القائمة في مجال التخصص	3.2.3. Assess and evaluate technical tools during research	<p>c.8. Perceive & improve current methods and tools existing in practical, laboratory & dermatology, Venerology and andrology</p> <p>c.10 Use microscope to reach pathological diagnosis in the field of dermatopathology.</p>
<p>4.2. المهارات العامة والمنتقلة :</p> <p>بانتهاؤ دراسة برنامج الماجستير يجب أن يكون الخريج قادرا على:</p>	<p>4.2. General and transferable skills</p> <p>Upon completion of the master program of....., the graduate should be able to:</p>	<p>General and transferable skills</p> <p>Upon completion of the master program of dermatology and venerology, the graduate should be able to:</p>
٤,٢,١. التواصل الفعال بأنواعه المختلفة	4.2.1. Communicate effectively using a written medical record, electronic medical record, or other digital technology.	d 2 Communicate efficiently with senior staff, colleagues, lab technical staff, other health care professionals, students and patients
٤,٢,٢. استخدام تكنولوجيا المعلومات بما يخدم الممارسة المهنية	4.2.2. Use of information technology (computer to create, process, store, secure and exchange electronic data) in the field of medical practice.	d 1 Use efficiently the information technology including data entry & analysis of enhance data management and to achieve improvement of the professional practice

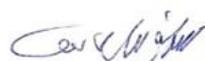
4.2.3. لتقييم الذاتي وتحديد احتياجاته التعليمية الشخصية	4.2.3. Assess himself and identify personal learning needs	d. 6 Show the skills of continuous & self-learning. d. 7 Demonstrate skills of self-evaluation and identify personal learning needs to design plans for self-development
4.2.4. استخدام المصادر المختلفة للحصول على المعلومات والمعارف	4.2.4. Use various sources for information (physical and digital sources).	d.3 Use efficiently different sources of information to get essential and relevant knowledge
4.3.5. وضع قواعد ومؤشرات تقييم أداء الآخرين	4.2.5. Setting indicators for evaluating the performance of others	d. 9 Express medicolegal problems to assist in their solving according to medical ethics. d. 10 Show concern and effectively deal with unethical behavior of other members of healthcare team.
4.2.6. العمل في فريق، وقيادة فرق في سياقات مهنية مختلفة	4.2.6. Work in a team, and Apply leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system	d.4 Work effectively in a team, and demonstrate the skills of leadership in various professional contexts
4.2.7. إدارة الوقت بكفاءة	4.2.7. Manage time efficiently	d.5 Manage time efficiently and learn to priorities tasks.
٤,٢,٨. التعلم الذاتي والمستمر	4.2.8. Demonstrate skills of self-learning and lifelong learning needs of medical profession.	d. 12 Be aware of the importance of life-long self-learning and show a strong commitment to it

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكري عوض



(Annex III)

Matrix of coverage of program ILOs by program courses

Program courses Title	Program ILOs Covered			
	A	B	C	D
1- Histopathology	1-2-3-4	1-2-3-4-5-7	2-7-10-12	1,2,3,4,5,6,7,8,9,10,11,12
2- Psychiatry	1-3	2-3-4-5	11-12-13	1,2,3,4,5,6,7
3- Medical Biochemistry	1-3-4	2-3-5	1-11-12-13	1,2,3,4,5,6,7
4- Medical microbiology and Immunology	1-3-4	2-3-4	11-12-13	1,2,3,4,5,6,7
5- Medical physiology	1-2-7	2-6-5	1	1,2,3,4,5,6,7
6- Internal medicine	1-2	2-3-5-6	11-12	1,2,3,4,5,6,7
7- General surgery	1-3	3-5	5	1,2,3,4,5,6,7,9
8- Medical ethics	8-9	2-9	12	8,9,10
9- Dermatology, Venerology and andrology	1-2-3-4	1-2-3-4-5-7-8	1-3-4-5-6-10	1,2,3,4,5,6,7,8,9,10,11,12

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية

أ.د. شريف شكري عوض



(Annex IV)

Matrix of Coverage of Program ILOs by Methods of learning and teaching

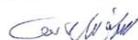
Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7-8-9		
Practical (clinical cases, case presentations, group discussion).			1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12
Assignment				1-2-3-4-5-6-7-8-9-10-11-12
Attending and participating in scientific conferences, workshop	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7-8-9		[1-2-3-4-5-6-7-8-9-10-11-12

Date of the last approval by department council: 8-3-202

Head of the department

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكرى عوض



(Annex V)

Matrix of Coverage of Program ILOs by Methods of assesment

Method of assessment	The assessed ILOs
1-Research (Thesis)	a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 b.2 b.5 b.8 b.9 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 d.9 d.10 d.11 d.12
2-Written Exams: a-Short essay b-Problem solving c- MCQs	a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9
3-Practical Exams	c.1 c.2 c.3 c.4 c.5 c.6 c.7 c.8 c.9 c.10
4- Oral Exams	a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 d.9 d.10 d.11 d.12
5. Log book	a.1 a.2 a.3 a.4 a.5 a.6 a.7 a.8 a.9 a.10 a.11 a.12 b.1 b.2 b.3 b.4 b.5 b.6 b.7 b.8 b.9 c.1 c.2 c.3 c.4 c.5 c.6 c.7 c.8 c.9 c.10 d.1 d.2 d.3 d.4 d.5 d.6 d.7 d.8 d.9 d.10 d.11 d.12

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية
أ.د شريف شكرى عوض


(Courses)

1- Course Specification of Histopathology (Master degree of Dermatology and Venerology) (Code DV200)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology and Venerology.
2. Major or minor element of program: Minor
3. Department offering the program: Dermatology and Venerology.
4. Department offering the course: Dermatology and Venerology Department
5. Academic year / Level: first part
6. Date of last specification approval: 3-2023

A. Basic Information

Title: Course Specification of Histopathology (Master degree of Dermatology and Venerology)

Lecture/ hours	Tutorial:	Practical	Total
48 hr.	-----	48 hr.	96 hr.

B. Professional Information

1. **Over all aim of the program:**

To deliver an advanced knowledge in Dermatopathology and hence the candidate can recognize a wide range of Dermatopathological diagnosis and to establish an advanced skill of the candidates for diagnosis of a wide range of dermatological disorders

2. **Intended Learning Outcomes of Courses (ILOs)**

A. Knowledge and Understanding:

A1. Mention the recent advances in the normal structure and function of the skin

A2. Recognize dermatopathological findings in dermatological diseases

A3. Identify the natural history of general skin diseases.

A4 Explain the causation and pathogenesis of dermatological diseases and problems.

- A5 Understand the techniques of dermatopathological diagnostic methods.
- A6. Describe the various therapeutic methods/alternatives used for skin diseases.
- A7. Demonstrate scientific development in the field of skin
- A8. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of skin diseases.
- A9. Identify basics and ethics of scientific research.

B. Intellectual Skills

- b1. Interpret data acquired through history taking to reach a provisional diagnosis for dermatological problems.
- b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis in dermatological diseases.
- b3. Plan to improve performance in the field of dermatopathology
- b4. Appraise general dermatological problems and find solutions.
- b5. Analyze reading of research and issues related to the of Dermatopathology.
- B6. Correlate dermatopathological to clinical finding to reach out the diagnosis.

C. Professional and Practical Skills

- c1. Apply the basic and modern professional skills in the area of Dermatopathology
- c2. Write and evaluate histopathological reports.
- c3. Assess of methods and tools existing in the area of dermatopathology

D. General and transferable Skills

- d1. Communicate effectively by all types of effective communication.
- d2 Use microscope to examine pathological slide.
- d3. Use information technology to serve the development of professional practice
- d4. Use different sources to obtain information and knowledge.
- d5. Develop rules and indicators for assessing the performance of others.
- d6. Work in a team, and team's leadership in various professional contexts.
- d7. Manage time effectively.

3. 3.Course content

Topic	Lecture Hours	Practical/Clinical Hours	Total No. of hours
□ Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology).	2	2	4
□ Module 2: Histopathology of the Skin: General Principles	4	4	8
□ Module 3: Papulosquamous, eczematous and lichenoid	8	8	16
□ Module 4: Urticarias, erythemas , purpuras and vasculitis.	6	6	12
□ Module5: Bacterial Infections, Mycobacterial Infections	4	4	8
□ Module6: Viral infection, Fungal infection	2	2	4
□ Module 7: Blistering disorder	6	6	12
□ Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands	2	2	4
□ Module 9: Disorder of hair and nail	2	2	4
□ Module 10: Connective Tissue Diseases, Neutrophilic Dermatoses and Related Disorders	4	4	8

□ Module 11: Disorders of Skin Color, Metabolic and Nutritional Disorders	2	2	4
□ Module 12: Tumors	6	6	12
Total (hours)	48	48	96

4. Teaching and Learning Methods

4.1- Lectures

4.2- Practical lessons (Seminars and group discussion for cases)

4.3- Assignment

4.4 attending and participating in scientific conferences, workshop

5. Student Assessment Methods

5.1 final written exam to assess Knowledge, understanding and intellectual skills.

5.2 final oral exam to assess understanding and intellectual skills

6. Assessment schedule

Assessment 1: Final written exam (after 6 months)

Assessment 2: Oral exam (after written exam)

7. Weighting of Assessments

Final-term Examination 40% (30 marks)

Oral Examination. 60% (45 marks)

8. List of References

A. Course Notes/handouts Department notes, lectures and handouts

B. Essential Books- Rook Text book of Dermatology
 - Text book of Dermatopathology, by Lever
 - Text book of Dermatopathology, by Ackerman

C. Recommended Text Books - Synopsis in Dermatopathology

D. Periodicals, websites
 - Journal of American Academy of Dermatology
 - British Journal of Dermatology.
 - International Journal of Dermatology.
 - Archives of Dermatology.
 - British Journal of Dermatology and Venerology.

<http://www.ncbi.nlm.nih.gov/>

<http://www.webpath.com/>

<http://www.aacr.org/>
<http://www.uscap.org/>
<http://www.ascp.org/>
<http://www.freebooks4doctors.com/>
<http://www.pubmed.gov/>
<http://www.medscape.com/>
<http://emedicine.medscape.com/oncology>
http://www.geocities.com/jcprolla/cytopathology_diagnoses.html
<http://path.upmc.edu/cases/index.html>
<http://web.med.unsw.edu.au/pathology/Pathmus/pathmus.htm#InteractiveImages>

Course Coordinator/s:

Dr. Eman Saad Abdelazim

Head of Department:

Prof. Dr. Sherif Shokry Awad

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكري عوض



Date of last update & approval by department Council: 3-202

Histopathology	مسمى المقرر
DV200	كود المقرر

جامعة/أكاديمية : المنيا
كلية / معهد: الطب البشري
قسم/ الجلدية والتناسلية

A. Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Intended Learning			
	Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology).	1-2-3-4-5-6-7-8	1-2-3-4-5-6	1-2-3	1-2-3-4
Histopathology of the Skin: General Principles	1-2-3-4-5-6-7-8	1-2-3-4-5-6	1-2-3	1-2-3-4
Papulosquamous and eczematous dermatoses	1-2-3-4-5-6	1-2-3-4-5-6	1-2-3	1-2-3-4

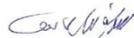
Urticarias, erythemas and purpuras	1-2-3-4	1-2-3-4-5-6	1-2-3	1-2-3-4
Bacterial Infections, Mycobacterial Infections	1-2-3-4-5-7	1-2-3-4-5-6	1-2-3	1-2-3-4
Viral infection, Fungal infection	1-2-3-4-5-7	1-2-3-4-5-6	1-2-3	1-2-3-4
Blistering disorder	1-2-3-4-5	1-2-3-4-5-6	1-2-3	1-2-3-4
Disorders of the Sebaceous Glands, Disorders of Sweat Glands	1-2-3-7	1-2-3-4-5-6	1-2-3	1-2-3-4
Disorder of hair and nail	1-2-3-6	1-2-3-4-5-6	1-2-3	1-2-3-4
Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders	1-2-3-5	1-2-3-4-5-6	1-2-3	1-2-3-4
Disorders of Skin Color, Metabolic and Nutritional Disorders	1-2-3-6	1-2-3-4-5-6	1-2-3	1-2-3-4
Tumors	1-2-6	1-2-3-4-5-6	1-2-3	1-2-3-4
Total	68			

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكري عوض



B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning:

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
	Lecture	1-2-3-4-5-6-7	1-2-3-4-5	
Practical			1-2-3-4-5	1-2-3-4-5-6
Assignment				1-2-3-4-5-6

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتداعلية

أ.د. شريف شكري عوض



c. Matrix of Coverage of Course ILOs by Methods of Assessment

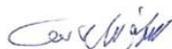
Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
	Written exam	1-2-3-4-5-6-7-8-9	1-2-3-4-5-6	
Oral Exam	1-2-3-4-5-6-7	1-2-3-5-6	1-2-3	1-2-3-4-5-6

Date of the last approval by department council: 8-3-2023

Head of the department:

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكري عوض



Blueprint of Dermatology and Venerology Department

Blueprint of Histopathology (postgraduates, first part) Examination Paper (30 marks)

	Topic	Hrs.	Knowledge %	Intellectual %	% of topic	Knowledge		Intellectual		mark	Actual Mark
						N of items	Mark	N of items	Mark		
1	Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology)	2	67%	33%	4%	8	1	4	--	1.2	1
2	Histopathology of the Skin: General Principles	4	67%	33%	8%	8	1.5	4	1	2.4	2.5
3	Papulosquamous, eczematous and lichenoid	8	50%	50%	16%	4	2.5	4	2.5	4.8	5
4	Urticarias, erythemas, purpuras and vasculitis	6	50%	50%	12%	4	2	4	1.5	3.6	3.5
5	Bacterial Infections, Mycobacterial Infections	4	60%	40%	10%	6	1.5	4	1.5	3	3
6	Viral infection, Fungal infection	2	60%	40%	4%	6	0.5	4	0.5	1.2	1
7	Blistering disorder	6	50%	50%	14%	4	2.5	4	2	4.2	4.5
8	Disorders of the Sebaceous Glands, Disorders of Sweat Glands	2	50%	50%	4%	4	0.5	4	0.5	1.2	1
9	Disorder of hair and nail	2	50%	50%	4%	4	0.5	4	0.5	1.2	1
10	Connective Tissue Diseases, Neutrophilic Dermatoses and Related Disorders	4	50%	50%	8%	4	1.5	4	1	2.4	2.5
11	: Disorders of Skin Color, Metabolic and Nutritional Disorders	2	50%	50%	4%	4	0.5	4	0.5	1.2	1
12	Tumors	6	50%	50%	12%	4	2	4	2	3.6	4
	Total	48			100%					30	30

Date of the last approval by department council: 8-3-20

Head of the department

رئيس قسم الامراض الجلدية والتناسلية

أ.د شريف شكري عوض



2- Course Specification of Psychiatry (Master degree of Dermatology and Venerology) (Code: DV200)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology, and Venerology.
2. Major or minor element of program: Minor
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: Neurology and psychiatry
5. Academic year / Level: first part
6. Date of specification approval: 4 / 5 / 2022

1. Course Information		
<ul style="list-style-type: none"> • Academic Year/level: 1st part of MSC of Dermatology. 	<ul style="list-style-type: none"> • Course Title: Psychiatry. 	<ul style="list-style-type: none"> • Code:
<ul style="list-style-type: none"> • Number of teaching hours: - Lectures: Total of 48 hours; 2 hours/week - Practical/clinical: Total of 28 hours; 2 hours/week 		

<p>2. Overall Aims of the course</p>	<p><i>By the end of the course the student must be able to:</i></p> <ol style="list-style-type: none"> 1. Demonstrate mastery of basics, methodology and tools of scientific research and medical audit in the field of psychological medicine 2. Appraise and improve clinical practice in the field of psychological medicine 3. Integrate the medical knowledge in the field of psychological medicine with other relevant sciences and apply such knowledge during professional practice 4. Identify and create solutions for common health problems in the field of psychological medicine 5. Demonstrate competency in a wide range of professional skills in common areas of specialty, from basic practice and related clinical care to evidence-based clinical application, and acquisition of skills to manage independently all problems in the field of psychological medicine 6. Use efficiently recent technologies to improve the professional practice of psychological medicine 7. Demonstrate comprehensive awareness of common public health problems and plan to improve & maintain health care on system-based approach 8. Show appropriate attitudes and professionalism that reflect obligation to credibility and principles of medical practice. 9. Demonstrate commitment for lifelong learning, self-development and continuous medical education in the field of psychological medicine as well as educating others.
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<p>3. Intended learning outcomes of course (ILOs):</p> <p><i>Upon completion of the course, the student should be able to:</i></p>

<p>A- Knowledge and Understanding</p>	<p>A1. Describe theories, basics and updated knowledge in the fields of psychological medicine, anxiety, depression, obsessive compulsive disorders, psychosis, personality, eating disorders, conversion disorders, sleep.</p> <p>A2. Describe theoretical basis of contemporary schools (psychoanalysis, behaviorism, transactional psychology, gestalt psychology, existential psychology)</p> <p>A3. State recent advances in the fields of psychological medicine</p> <p>A4. Outline basics, methodology, tools of psychometric assessment including assessment of intelligence, personality and organic brain disorders.</p> <p>A5. Identify the effect of professional practice issues on public health and health policies and methods of maintenance of public health and plan for system-based improvement</p>
<p>B- Intellectual Skills</p>	<p>B1. Appraise & interpret relevant basic information, pathological features, then correlate them with essential clinical data to produce a list of differential diagnosis.</p> <p>B2. Solve problems based on analysis of available data for common health problems by giving a list of differential diagnosis for further advanced investigations.</p> <p>B3. Conduct efficiently the proposed research thesis</p> <p>B4. Develop the basic skills of scientific writing of papers</p> <p>B5. Evaluate & manage efficiently potential risks that may arise during the professional practice in the field of psychology and psychopathology in various practical situations.</p> <p>B6. Plan for acquiring of necessary skills of basic and modern psychometric assessment techniques.</p> <p>B7. Develop the skills to manage evidence-based discussion during case-presentation</p>

<p>C- Professional and Practical Skills</p>	<p>C1. Take proper history in conditions related to psychological medicine.</p> <p>C2. Order the appropriate psychometric tests related to psychiatric conditions.</p> <p>C3. Interpretation of the findings of psychometric tests.</p>
<p>D- General and transferable Skills</p>	<p>D1. Demonstrate effective communication skills in all its forms in various circumstances and contexts including students, colleagues, senior staff, technicians, patients and other health care workers</p> <p>D2. Use efficiently information technology (IT) including data entry & analysis</p> <p>D3. Demonstrate skills of teaching others and evaluating their performance.</p> <p>D4. Develop the skills of assessment of personal learning needs and planning for self-development and continuous medical education.</p> <p>D5. Use efficiently available information resources to get basic & recent knowledge.</p> <p>D6. Work efficiently as a team member as well as a team leader in various professional events & circumstances.</p> <p>D7. Demonstrate basic & essential competencies for management of scientific meetings and manage time efficiently.</p>

4. Course Contents			
Topic	Lecture hours/week	Practical/Clinical hours/week	Total No. of hours hours/week
GENERAL Psychology			
1. How to approach to psychiatric patients	4	4	8
2. Anxiety disorders	4	-	4
3. obsessive compulsive and related disorders	4	2	6
4. depressive disorders	3	3	6
5. bipolar disorders	4	-	4
6. schizophrenia	3	3	6
7. delusional disorders	4	-	4
8. personality disorders	2	-	2
9. Sleep disorders	4	4	8
10. conversion disorders	4	-	4
11. dissociative disorders	4	-	4
12. eating disorders	6	6	12
13. gender identity disorder	6	6	12
Total	48	28	76
5. Teaching and Learning Methods	5.1. Lectures. 5.2. Practical/ case study 5.3. Self-learning activities such as use of internet and multimedia		

	5.4. Tutorial & regular weekly seminars, case presentation, training courses & workshops
6. Teaching and Learning Methods for students with limited Capacity	-
7. Student Assessment	

A. Student Assessment Methods	<ol style="list-style-type: none"> 1. student assignments: to assess general transferable skills and intellectual skills 2. Written exam: to assess the capability of the candidate for assimilation and application of the knowledge included in the course. 3. Clinical exam: to assess practical and intellectual skills 4. Oral exam: to assess the student intellectual and communication abilities regarding basic knowledge and understanding of the course topics, and to help the teaching staff to evaluate the % of achievement of the intended learning outcome of the course.
B. Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: within the first 12 weeks of the course</p> <p>Assessment 2: Written exam at the end of course.</p> <p>Assessment 3: clinical exam at the end of the course</p> <p>Assessment 4: Oral exam at the end of the course</p>

<p>C. Weighting of Each Method of Assessment</p>	<p>Type of Assessment %</p> <ul style="list-style-type: none"> • Written examination (40%) (30 marks) • Clinical and Oral examination. (60%) (45 marks) <p>Total (100%) (75 marks)</p> <p>N.B.</p> <p><i>For each exam, ≥ 60% is essential to pass.</i></p>
<p>8. List of References</p>	
<p>A. Course Notes/handouts</p>	<p>1 –Psychology notes: prepared by staff members</p>
<p>B. Recommended Text Books</p>	<p>2- A textbook of human psychology</p>
<p>C. Periodicals, websites</p>	<p>To be determined and update during the course work.</p> <p>1-American Journal of psychology</p> <p>2- www.pubmed.com</p>

Course Coordinator:

Dr. Mustafa Mahmoud Abdelnaem

Head of Department:

Prof. Dr. Nermin Aly Hamdy.



Date of last update & approval by department Council: 6 / 3 / 2023

نموذج رقم (١١ أ)

Course specification of psychiatry in Master degree in Dermatology	مسمى المقرر
DV200	كود المقرر

.....المنيا :/ جامعة
الطب :/ كلية
 قسم: الامراض العصبية
والنفسية

A. Matrix of Coverage of Course ILOs By Contents

Topic	Knowledge and understanding	Intellectual Skills	Professional and Practical Skills	General skills
Approach to psychiatric patients	A1-A5	B1-B7	C1-C3	D1,D2
Anxiety disorders	A1-A5	B1-B7	C1-C3	D1,D2
Obsessive compulsive disorders	A1-A5	B1-B7	C1-C3	D1,D2
Depressive disorders	A1-A5	B1-B7	C1-C3	D1,D2
Bipolar disorders	A1-A5	B1-B7	C1-C3	D1,D2
Schizophrenia	A1-A5	B1-B7	C1-C3	D1,D2
Delusional disorders	A1-A5	B1-B7	C1-C3	D1,D2
Personality	A1-A5	B1-B7	C1-C3	D1,D2
Sleep disorders	A1-A5	B1-B7	C1-C3	D1,D2
Conversion disorders	A1-A5	B1-B7	C1-C3	D1,D2
Dissociative disorders	A1-A5	B1-B7	C1-C3	D1,D2
Eating disorders	A1-A5	B1-B8	C1-C18	D1,D2
Gender identity disorder	A1-A5	B1-B8	C1-C18	D1,D2

Head of Department:

Prof. Dr. Nermin Aly Hamdy.



Date of last update & approval by department Council: 6 / 3 / 2023

A. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1-A5			
Practical		B1-B7	C1-C3	
Clinical (Including grand rounds)		B1-B7	C1-C3	
Presentation/seminar				D1-D2
Journal club	A1-A5			D1-D2
Training courses & workshops	A1-A5		C1-C3	

Head of Department:

Prof. Dr. Nermin Aly Hamdy.

Date of last update & approval by department Council: 6 / 3 / 2023

B. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1-A5			
Practical exam		B1-B7	C1-C3	
Clinical exam		B1-B7	C1-C3	
Oral Exam		B1-B7	C1-C3	
Assignment				D1-D2

Head of Department:

Prof. Dr. Nermin Aly Hamdy.



Date of last update & approval by department Council: 6 / 3 / 2023



Blueprint of Neurology and psychiatry department for candidates of master degree in dermatology "first part" psychiatry examination paper (20 marks)

	Topic	Hours	Knowl edge %	Intellectual %	% of topic	N of items per topic	Knowledge		Intellectual		Mark s
							N of items	Mar k	N of items	mark	
1	How to approach psychiatric patients	4	80	20	8.3						3.3
2	Anxiety disorders	4	80	20	8.3						3.3
3	Obsessive Compulsive and related disorders	4	80	20	8.3						3.3
4	Depressive disorders	3	80	20	6.25						2.5
5	Bipolar disorders	4	80	20	8.3						3.3
6	Schizophrenia	3	80	20	6.25						2.5
7	Delusional disorder	4	80	20	8.3						3.3
8	Personality disorders	2	80	20	4.16						1.6
9	Sleep disorders	4	80	20	8.3						3.3
10	Conversion disorder	4	80	20	8.3						3.3
11	Dissociative disorders	4	80	20	8.3						3.3
12	Eating disorders	6	80	20	12.5						5
13	Gender identity disorder	6	80	20	12.5						5
	Total	48			100						20

Head of Department:

Prof. Dr. Nermin Aly Hamdy.

Date of last update & approval by department Council: 6 / 3 / 202

3- Course Specifications of Medical Physiology (Master degree of Dermatology and Venerology)

UniversityMinia

Faculty Medicine

University: Minia

Faculty: Medicine

Faculty offering the program: Faculty of Medicine.

Department offering the course: Medical Physiology Department.

Program(s), on which the course is given: MSc Degree in **Dermatology and Venerology**

Major or minor element of program(s): Minor

Academic year/level: 1st part MSc degree in **Dermatology**.

Date of specification approval: 2022-2023

Basic Information

Title:Physiology course specifications for 1st part MSc degree of **Dermatology**.

Code: DV200

Credit Hours: Not applicable

Lectures: 1 hour / week

Tutorial/Practical: Not applicable

Professional information

1) OVERALL AIM OF COURSE:

The aims of the course are to provide the postgraduate students with knowledge about the physiological principles underlying dermatology diseases that aid in interpretation of symptoms, investigations and management.

INTENDED LEARNING OUTCOMES OF COURSE (ILOS)

A. Knowledge and Understanding:

By the end of the course, the student should be able to:

A1. General Physiology and Blood:

1.1. Describe the role of the skin in homeostasis (water, electrolytes, temperature...)

1.2. Describe General composition & functions of blood components.

A2. Physiology of Cardiovascular System (CVS):

2.1. Describe the regulation of arterial blood pressure (ABP).

2.2. Recognize the body reactions to hemorrhage & different types of shock.

2.3. Discuss the mechanisms tissue fluid formation & edema.

A3. Physiology of Central Nervous System (CNS):

3.1. Identify Sensory function of skin.

3.2. Discuss mechanisms of pain & hyperalgesia.

A4. Physiological basis of Metabolism:

4.1. Describe Sweat glands; types & their role in thermoregulation

A5. Physiological basis of Endocrinal System:

5.1. Recognize the endocrine function of the skin.

5.2. Discuss of Skin manifestations of endocrine disorders

A6. Physiology of Upper Respiratory System & GIT System:

6.1. Describe how Skin color could indicate a disease state (hypoxia, cyanosis and jaundice).

A7. Physiology of reproduction system:

7.1. Discuss in details physiology of male reproductive system.

7.2. Describe steps, factor affecting of spermatogenesis and semen analysis

7.3. Explain the physiological roles of male sex hormone.

7.4. Discuss mechanism of sexual act & causes of male infertility.

B. Intellectual Skills:

By the end of the course, the student should be able to:

B1. Develop the skills for demonstrating different functions of the body systems related to dermatology to diagnose deviation from normality as detected disease state.

B2. Assess the problems associated with different factors, which affect the normal function of different body systems related to skin.

B3. Assess the problems associated with different factors, which affect the normal function of male reproductive system

C. Practical Skills:

After completing the course, the student should be able to

C1. Organize groups, as a leader or as a colleague.

C2. Practice willingly the presentation skills through the attendance and participation in scientific activities.

D. General and Transferable Skills:

By the end of the course, the student should be able to:

D1. Adopt the principles of lifelong learning.

D2. Prepare and present clearly and effectively a scientific topic in a tutorial, a staff meeting or the yearly scientific day.

D3. Work efficiently within a team, honor and respect his colleagues.

Curriculum structure & contents:

Topic:	No. of Lectures	Total no. of hours
1. <u>General Physiology and Blood:</u> <ul style="list-style-type: none"> • Role of the skin in homeostasis (water, electrolytes, temperature...) • General composition & functions of blood components. 	4	4
2. <u>Physiology of Cardiovascular System (CVS):</u> <ul style="list-style-type: none"> • Regulation of arterial blood pressure (ABP). • Body reactions to haemorrhage & different types of shock. • Mechanisms tissue fluid formation & oedema. 	4	4
3. <u>Physiology of Central Nervous System (CNS):</u> <ul style="list-style-type: none"> • Sensory function of skin. • Mechanisms of pain & hyperalgesia. 	2	2
4. <u>Physiological basis of Metabolism:</u> <ul style="list-style-type: none"> • Sweat glands; types & their role in thermoregulation 	2	2
5. <u>Physiological basis of Endocrine System:</u> <ul style="list-style-type: none"> • Endocrine function of the skin. • Skin manifestations of endocrine disorders 	4	4
6. <u>Physiology of Upper Respiratory System & GIT System:</u> <ul style="list-style-type: none"> • Skin colour as an indicator of disease state (hypoxia, cyanosis and jaundice...) 	2	2
7. <u>Physiology of Male Reproductive System:</u> <ul style="list-style-type: none"> • Physiology of male reproductive system. • Steps, factor affecting of spermatogenesis and semen analysis. • Physiological roles of male sex hormone. • Mechanism of sexual act & causes of male infertility. 	6	6
Total	24	24

TEACHING AND LEARNING METHODS:

1. Lectures (1hr/wk.) throughout the 24 weeks interchangeable with recorded lectures.
2. Self-learning activities such as use of internet and multimedia.

STUDENT ASSESSMENT METHODS:

1. **Written exam** to assess the student's knowledge in the form of short essay questions and /or MCQs.
2. **Oral exam** to assess student's knowledge, intellectual and general skills as well as assessing the verbal communication abilities.
3. **Log book.**

Assessment Schedule:

- **Assessment 1:** Final written exam.
- **Assessment 2:** Final oral exam.

Weighting of assessment:

- **Final written exam** **10** marks (40%)
- **Final oral exam** **15** marks (60%)
- **Total** **25** marks (100%)

LIST OF REFERENCES:

1. **Department books and notes.**

Prepared by Medical Physiology Department staff members, Faculty of Medicine, Minia University.

2. **Essential books (Text Books):**

- Ganong review of medical physiology.
- Guyton text book of medical physiology.

3. **Periodicals, Web sites... etc.**

FACILITIES REQUIRED FOR TEACHING AND LEARNING:

1. Classrooms with data show for lectures.
2. Computers and internet facilities.

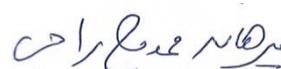
Course Coordinator and Head of Department,

Prof. Dr. Merhan Mamdouh Ragy

Prof. & Head of Medical Physiology

Department

Faculty of Medicine, Minia University



Date of last update & approved by department council: 3/2023

Medical Physiology course specifications for 1st Part MSc degree in Dermatology	مسمى المقرر
DV200	كود المقرر

A. Matrix of Coverage of Course ILOs by Contents

-Contents	Intended Learning Outcomes ILOs		
	A. Knowledge & Understanding	B. Intellectual Skills	D. General & Transferable Skills
	A	B	D
1. General Physiology and (Blood)	A1.1 - A1.2	b1 – b2	d 1 – d2 – d3
2. Physiology of (CVS)	A2.1 - A2.2 - A2.3	b1 – b2	d 1 – d2 – d3
3. Physiological of (CNS)	A3.1 -A3.2	b1 – b2	d 1 – d2 – d3
4. Physiological basis of Metabolism	A4.1	b1 – b2	d 1 – d2 – d3
5. Physiology of Endocrine System	A5.1 - A5.2	b1 – b2	d 1 – d2 – d3
6. Physiology of upper respiratory & GIT	A6.1	b1 – b2	d 1 – d2 – d3
7. Physiology of Male Reproductive System	A7.1 -A7.2 -A7.3 A7.4	b1 – b2	d 1 – d2 – d3

B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lectures	X	X	-	X
Self-learning activities	X	X	-	X

C. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	X	X	-	X
Oral Exam	X	X	-	X
Log Book	X	X	-	X

Course Coordinator and Head of Medical Physiology Department,

Prof. Dr Merhan Mamdouh Ragy



Blueprint of Dermatology MSC Physiology Examination paper

Postgraduate Physiology Course for Master's degree (1st part) of Dermatology (Code: DV200) (10 marks)

Topic	Hours	Knowledge	Intellectual %	Weight %	Total Marks	Actual
<u>ILOS 1 and 2 Physiology of Cardiovascular System (CVS) and blood:</u> Arterial blood pressure (ABP). haemorrhage & shock. Mechanisms tissue fluid formation & oedema. Role of the skin in homeostasis (water, electrolytes, temperature...) composition & functions of blood components..	8	70	30	33.4	2.9	3
<u>ILOS 3 Physiology of Central Nervous System (CNS):</u> Sensory function of skin. pain & hyperalgesia	2	75	25	8.3	1.05	1
<u>ILOS 4 and 5 Physiological basis of Metabolism and Endocrine</u> Endocrine function of the skin. Skin manifestations of endocrine disorders. Sweat glands; types & their role in thermoregulation	6	75	25	25	2.5	2.5
<u>ILOS 6- Physiology of Upper Respiratory System & GIT System:</u> Skin colour as an indicator of disease state (hypoxia, cyanosis and jaundice...)	2	75	25	8.3	1.05	1
<u>ILOS 7 Physiology of Male Reproductive System:</u>	6	75	25	25	2.5	2.5
Total	24			100%	10	10

Course Coordinator and Head of Medical Physiology Department,

Prof. Dr Merhan Mamdouh Ragy





كلية الطب

Faculty of Medicine

4- course specification of Medical Biochemistry (Master degree of Dermatology and Venerology) (DV200)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology and Venerology.
2. Major or minor element of program: Minor
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: **Medical Biochemistry**
5. Academic year / Level: first part
6. Date of specification approval: 3 / 2023

1. Course Information		
Academic Year/level: First Part of Master Degree	Course Title: First Part of Master Degree in Dermatology	Code:
<ul style="list-style-type: none"> • Number of teaching hours: Lectures: 30 hours; 1 hour/week 		
2. Overall Aims of the course	<i>be able to:</i> <ol style="list-style-type: none"> 1. Provide the postgraduate student with the medical Knowledge and skills essential for the practice of specialty and necessary to gain. 2-To understand all molecular basics and diseases. 3-To know different molecular techniques and their advanced applications. 4-To better understand and use the research tools including internet and different laboratory equipment. 5-To know retrieving the literature and understanding the evidence-basedmedicine 	

	<p>6-Maintain learning abilities necessary for continuous medical education.</p> <p>7-Maintain research interest and abilities.</p>
<p>3. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
A- Knowledge and Understanding	<p>The student finishes the course; he will be able to achieve the following objectives:</p> <p>A1. Illustrate various metabolic processes of carbohydrate, lipid and protein</p> <p>A2. Describe role of minerals and hormones and Vitamins in metabolism.</p> <p>A3. Interpret Various metabolic diseases and their diagnosis</p> <p>A4. List the role of enzymes in the chemical reactions in the body and its diagnostic importance.</p> <p>A5. Discuss types of gene therapy and its therapeutic effect.</p> <p>A.6. Describe the metabolism of hemoglobin and nucleic acids.</p> <p>A.7- Explain xenobiotics and their detoxification.</p> <p>A8- Explain principles, methodologies, tools and ethics of scientific research.</p>
B- Intellectual Skills	<p>B1-Develop the skills for analysis of different diseases to reach a final diagnosis.</p> <p>B2-Develop the ability to solve problems associated with metabolic diseases.</p> <p>B3-Develop the ability to integrate metabolic pathways with diseases.</p>
C- Professional and Practical Skills	<p>After completing the course, the student should be able to</p> <p>C1. Organize groups, as a leader or as a colleague.</p> <p>C2. Practice willingly the presentation skills through the attendance and participation in scientific activities.</p>
D- General and transferable Skills	<p>After completing the course, the student should be able to</p> <p>D1. Be aware of the advanced biomedical information to remain current with advances in knowledge and practice (self-learning).</p> <p>D2. Prepare for medical progress by having advanced medical research studies</p>

4- Course Contents			
Topic	Lecture (hours)	Practical/Clinical hours)(Total No. of hours
1. Carbohydrate Metabolism	4	---	4
2. Lipid metabolism	4	---	4
3. Minerals	3	---	3
4. Purines and pyrimidine Metabolism	2	---	2
5. Enzymes	2	---	2
6. Protein metabolism	4	---	4
7. Hormones	3	---	3
8. Vitamins	3	---	3
9. Xenobiotics	2	---	2
10. Gene Therapy	1	---	1
11. Hemoglobin metabolism	2	---	2
Total	30	---	30
5-Teaching and Learning Methods	1-Lectures & discussions. 2-Assignments 3-Attending and participating in scientific conferences and workshops to acquire the general and transferable skills needed		
6-Teaching and Learning Methods for students with limited Capacity	Additional lectures, adjusting time and place of lectures according to their schedule and capacity		
7- Student Assessment			

A-Student Assessment Methods	<p>1- Written exam to assess the capability of the student for assimilation and application of the knowledge included in the course.</p> <p>2-Oral exam to assess the student intellectual and communication skills regarding basic knowledge and understanding of the course topics, and to help the teaching staff to evaluate the % of achievement of the intended learning outcomes of the course</p>
B-Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: one written exam by the end of the course</p> <p>Assessment 2: Oral exam, after the written exam</p> <p>Formative only assessment: log book.</p>
C-Weighting of Each Method of Assessment	<p>Written examination: 10 marks</p> <p>Oral examination: 15 marks</p> <p>Total: 25 marks</p>
8- List of References	
A-Course Notes/handouts	Lectures notes are prepared in the form of a book authorized by the department.
B-Essential Books	-Harper's Biochemistry, Robert K. Murray, Daryl K. Granner, Peter A. Mayes, and Victor W. Rodwell (32nd edition, 2022)
C-Recommended Text Books	<p>Lehninger, Biochemistry (9th edition, 2019)</p> <p>Lehninger, Biochemistry (8th edition, 2021)</p> <p>Lippincott, Biochemistry (7th edition, 2017)</p>
D-Periodicals, websites	<p>To be determined and updated during the course work.</p> <p>Websites:</p> <p>1- http://www.Medical Biochemistry.com.</p> <p>Periodicals:</p> <p>1- International journal of biochemistry</p> <p>2- Science Direct</p>

Course Coordinator/s:

Dr. Heba Marey

:

Head of Department

Prof. Dr. Salama Rabie Abd El Rahiem



Date of last update & approval by department Council: 3 / 2023

مسمى المقرر	جزء اول ماجستير الأمراض الجلديه والتناسليه
كود المقرر	DV200

جامعة/أكاديمية : ..المنيا
الطب.....:كلية / معهد
الكيمياء الحيويه قسم :

A. Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Week No.	Intended Learning Outcomes (ILOs)			
		A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
		A	B	C	
1. Carbohydrate Metabolism	1	A1 A3 A4	B3	C2	D1 D2
2. Lipid metabolism	2	A1 A3 A4	B2 B3	C2	D1 D2
3. Protein metabolism	3	A1 A3 A4	B1 B2 B3	C1 C2	D1 D2
4. Purines and pyrimidine metabolism	4	A3 A6	B1	C1	D1 D2
5. Enzymes	5	A4	B2		D1 D2
6. Minerals	6	A2 A3	B1	C1	D1 D2

7. Hormones	7	A2 A3	B3	C2	D1 D2
8. Vitamins	8	A2 A3	B1	C2	D1 D2
9. Xenobiotics	9	A7	B1 B3		D1 D2
10. Gene Therapy	10	A5	B3	C1	D1 D2
11. Hemoglobin metabolism	11	A3 A6	B2	C2	D1 D2

B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1 A2 A3 A4 A5 A6	B2 B3		D1 D2
Practical			C1 C2	D1 D2
Presentation/seminar				D1 D2
Journal club				D1 D2
Training courses & workshops			C1 C2	D1 D2
Other/s (Specify)		B3 B1	C1 C2	D1 D2

C. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1 A2 A3 A4 A5 A6 A7 A8	B1 B2 B3		
Oral Exam	A1 A2 A3 A4 A5 A6 A7	B2 B3		D1 D2
Assignment				D1 D2
Other/s(Specify)		B1 B2	C2	D2

Head of Department

Prof. Dr.Salama Rabie Abd El Rahiem



Date of last update & approval by department Council: 3 / 2023



Blueprint of Medical Biochemistry Department

Blueprint of Examination Paper
(10 marks)

	Topic	Hours	Knowledge %	Intellectual %	% of topic	No of items per topic	Knowledge		Intellectual		Marks	Actual mark
							No of Items	Mark	No of Items	Mark		
1	Carbohydrate Metabolism	4	70	30	13.3	2	1	0.665	1	0.665	1.33	1.5
2	Lipid metabolism	4	70	30	13.3	2	1	0.665	1	0.665	1.33	1.5
3	Minerals	3	75	25	10	2	1	0.5	1	0.5	1	1
4	Purines and pyrimidine Metabolism	2	70	30	6.6	2	1	0.33	1	0.33	0.66	0.5
5	Enzymes	2	75	25	6.6	2	1	0.33	1	0.33	0.66	0.5
6	Protein metabolism	4	70	30	13.3	2	1	0.566	1	0.566	1.33	1.5
7	Hormones	3	80	20	10	1	1	1	--	--	1	1
8	Vitamins	3	80	20	10	1	1	1	--	--	1	1
9	Xenobiotics	2	75	25	6.6	2	1	0.33	1	0.33	0.66	0.5
10	Gene Therapy	1	75	25	3.3	2	1	0.165	1	0.165	0.33	0.5
11	Hemoglobin metabolism	2	80	20	6.6	2	1	0.33	1	0.33	0.66	0.5
	Total	30			100 %						10	10

Head of Department

Prof. Dr.Salama Rabie Abd El Rahiem



Date of last update & approval by department Council: 3 / 2023

5- Course Specifications of Medical Microbiology and Immunology for Dermatology master program (DV200)

University: Minia

Faculty: Medicine

Department: Medical Microbiology and Immunology

1. Course Information		
Academic Year/level: postgraduate students	Course Title: Medical Microbiology and Immunology for Dermatology postgraduate students.	Code: DV200
<ul style="list-style-type: none"> - Number of teaching hours: - Lectures: Total of 20 hours; 1 hours/week - Practical/clinical: Total of 5 hours 		
1.Overall Aims of the course	<p>By the end of the course the student must be able to:</p> <ol style="list-style-type: none"> 1. Know the different types of pathogens, their structure and pathogenesis <ol style="list-style-type: none"> 1. Know the different methods for laboratory diagnosis and control of different infectious agents. 3. Know the different molecular microbiological techniques and their applications. 4. Know the basics of the host-parasite relationships and the role of the immune system in defending the body against different pathogens and its role in health and disease. 5. Know the principles of biosafety measures and aseptic precautions. 	
<p>3.Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>		

<p>A-Knowledge and Understanding</p>	<p>A1. Know microbial morphology, structure, metabolism and physiology of medically significant microorganisms</p> <p>A2. Understand the basis of microbial genetics and biotechnology techniques and their applications.</p> <p>A3. Recognize the taxonomy and classification of different microorganisms.</p> <p>A4. Identify the natural habitat, source of infection and mode of transmission of the different classes of pathogens.</p> <p>A5. Identify the different levels of host-parasite relationship and recognize the microbial virulence factors</p> <p>A6. Recognize the role of the immune system in the health and disease of the human being.</p> <p>A7. Know the causes, sources, mode of transmission and treatment of nosocomial infections and know the different methods for infection control.</p>
<p>B-Intellectual Skills</p>	<p>B1. analyze of different cases of infection to reach a final diagnosis and microbiological identification of the causative organism</p> <p>B2. Develop the ability to solve problems associated with different infections such as microbial resistance to antimicrobial agents, reach a final diagnosis of a certain pathological condition caused by an infectious organism.</p>
<p>C- Professional and Practical Skills</p>	<p>C1. Apply professional applications such as managing a microbiology laboratory.</p> <p>C2. Identify different microbes at microbiology laboratory using basic techniques</p> <p>C3. Apply standards of infection control</p> <p>C4. Apply standard protocol in collection of pathological samples</p>
<p>D-General and transferable Skills</p>	<p>D1. Manipulate microbiological samples and reach a microbiological diagnosis of an infection.</p> <p>D1. Write protocols for identification of a given microorganism.</p> <p>D3. Communicate with colleagues and patients regarding a case caused by a microorganism.</p>

	D4. Work in/with different groups. D5. Manage a microbiological laboratory.		
4.Course Contents			
Topic	Lecture hours/week	Practical/Clinical hours/week	Total No. of hours hours/week
1. Introduction and collection of pathological samples		1	1
2. Cleaning, sterilization and disinfection		1	1
3. Antimicrobial chemotherapy	1	1	2
4. Bacteremia, toxemia and toxic shock	1		1
5. Fever	1		1
6. Laboratory techniques used in epidemiology		1	1
7. Basic immunology 1	1		1
8. Basic immunology 2	1		1
9. Hypersensitivity reactions	1		1
<i>10. Neisseria</i>	1		1
11. Mycobacterial infections	1		1
12. Syphilis	1		1
13. General virology	1		1
14. Viral Hepatitis	1		1
15. Human immunodeficiency	1		1
16. Covid-19	1		
17. Paramyxoviruses	1		1
18. Herpes viruses	1		1
19. Bacterial, viral and fungal Skin infections	1		1
20. Blood-transmitted diseases	1		1

21. Sexually transmitted diseases	1		1
22. Nosocomial infections	1		1
23. Infection control and Occupational safety	1	1	2
Total	20	5	25
5. Teaching and Learning Methods	Lectures Practical sessions Seminars		
6. Teaching and Learning Methods for students with limited Capacity	Self-learning activities such as use of internet and multimedia.		
7. Student Assessment			
A. Student Assessment Methods	End of course written exam: A paper based exam to assess the student's comprehension and understanding of the class work Oral exam: to assess student's intellectual and communication abilities regarding basic knowledge and understanding of the course topics.		
B. Assessment Schedule (Timing of Each Method of Assessment)	End of course exam (written and oral exams) Week 23		
C. Weighting of Each Method of Assessment	Final written Examination: 10 marks Oral Examination: 15 marks Total 25 marks		
8. List of References			
A. Course Notes/handouts	Department Books, and notes on Medical Microbiology and Immunology by microbiology department, Faculty of medicine, Minia university		
B. Essential Books	Jawetz, Melnick and Adelberg's Medical Microbiology 17th edition by Riedel. S (2019); McGraw-Hill Education Review of Medical Microbiology and Immunology 17th edition by warren levinson (2022); McGraw-Hill Education		

C. Recommended Text Books	Janeway's Immunobiology 9 th edition by Kenneth Murphy and Casey Weaver , (2016); Garland Publishing Inc. NY, London.
D. Periodicals, websites	TBD and updated during the course work
<p>Course Coordinator: Dr. Dalia Nabil</p> <p>Head of Department : Prof. Dr. Wafaa Khairy</p> <p>Date of last update: 3/ 2023</p>	
	

A. Matrix between ILOs and course topics

Contents (List of course topics)	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
1. Introduction and collection of pathological samples	A3 A5 A7	B1	C1,C3	D4 D5
2. Cleaning, sterilization and disinfection	A3 A5 A6	B1	C1,C4	D1 D3
3. Antimicrobial chemotherapy	A1 A5 A6	B1	C1	D1 D3
4. Bacteremia, toxemia and toxic shock	A1 A5 A7	B1 B2	C1, C1	D1 D1 D3
5. Fever	A1	B1	C1	D1 D3 D5
6. Laboratory used in epidemiology	A1	B1	C1,C1	D1 D4
7. Basic immunology 1	A3 A7	B1	C1,C4,	D3
8. Basic immunology 2	A1 A2 A4	B1	C1,C4,	D1 D3 D4
9. Hypersensitivity reactions	A3 A4 A5	B1 B2	C2	D1
10. <i>Neisseria</i>	A1,A6, A7	B1	C4,C1	D1 D3 D4

11. Mycobacterial infections	A1 A5	B1 B2	C1, C3	D1 D3 D4
12. Syphilis	A3 A4	B1	C1	D5
13. General virology	A3 A4	B1	C1,C4	D3
14. Viral Hepatitis	A1 A3	B1 B2	C1, C4	D1 D3
15. Human immunodeficiency	A5 A6	B1	C1, C2	D1 D3 D4
16. Covid-19	A1,A1,A3	B1,B2	C1, C3	D1,D1,D3
17. Paramyxoviruses	A4 A5 A6	B1	C1	D3 D4
18. Herpes viruses	A3 A4	B1	C1 C4	D3 D4
19. Bacterial, viral and fungal skin infections	A1 A2 A3	B1	C1,C4	D4 D5
20. Blood-transmitted diseases	A1 A2 A4 A6	B1	C1, C3 C4	D3 D5
21. Sexually transmitted diseases	A4 A5	B1	C1, C3 C4	D3
22. Nosocomial infections	A1	B1	C1,C2,C4	D4 D5
23. Infection control and Occupational safety	A1 A2 A3	B1	C1,C4	D4

B.Matrix of Coverage of Course ILOs by Methods of Teaching				
Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1 A2 A3 A4 A5 A6 A7	B1-B2		
Practical			C1 C2 C3 C4	D1 D2 D5
Presentation/seminar				D3 D4

Date of last update: 3/ 2023

Head of Department : Prof. Dr. Wafaa Khairy



C.Matrix of Coverage of Course ILOs by Methods of Assessment				
Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1 A2 A3 A4 A5 A6 A7	B1		
Oral Exam				D3 D 4 D5

Date of last update: 3/ 2023

Head of Department : Prof. Dr. Wafaa Khairy



**Blueprint of Medical Microbiology and Immunology Exam paper for
1st part of Master of Dermatology (DV200) (10 Marks)**

(List of course topics)	HOURS	Intended learning outcomes ILOS		N of item per topic	% of topic	Knowledge & Understanding		Intellectual Skills		Total mark	Actual mark
		Knowledge & Understanding	Intellectual Skills			No of items	mark	No of items	Mark		
24. General Microbiology	4	70%	30%	4	20	2	1.3	1	0.7	2	2
25. Immunology	3	70%	30%	3	15	2	1	1	0.5	1.5	1.5
26. Bacteriology	3	70%	30%	3	15	2	1	1	0.5	1.5	1.5
27. Virology	3	70%	30%	3	15	2	1	1	0.5	1.5	1.5
28. Applied Microbiology	5	70%	30%	5	25	4	1.7	2	0.8	2.5	2.5
29. Nosocomial Infection and Infection control	2	70%	30%	2	10	2	0.7	1	0.3	1	1
Total	20				100%					10	10

Date of last update: 3/ 2023

Head of Department : Prof. Dr. Wafaa Khairy



6- Course Specifications of general surgery (Master degree of Dermatology and Venerology) (DV200)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology and Venerology.
2. Major or minor element of program: Minor
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: **general surgery department**
5. Academic year / Level: first part
6. Date of specification approval: 4 / 5 / 2022

1. Course Information

• **Academic Year/level:**
first part

• **Course Title:**
**dermatology and
general surgery**

• **Code:** DV200

Number of teaching hours:

- **Lectures:** Total of **14** hours; 2 hours/week
- **Practical/clinical:** Total of **14.** hours; 2 hours/week

2. Overall Aims of the course

By the end of the course the student must be able to:

1. identify the dermatological diseases associated with surgical condition
2. provide the best management of these cases

3. Intended learning outcomes of course (ILOs):

Upon completion of the course, the student should be able to:

E- Knowledge and Understanding

- a.1 Mention **normal** structure & function of human body on macro & micro levels.
- a.2 List **normal** growth and development of human body.
- a.3 List **abnormal** structure, function, growth and development of human body.
- a.4. Describe **causation** of general surgical diseases and problems.
- a.5. Mention **natural history** of general surgical diseases.
- a.6. List **clinical picture** of general surgical diseases and problems.
- a.7. Enumerate **diagnostic & laboratory techniques** necessary to establish diagnosis of general surgical diseases and problems.
- a.8 Describe various **therapeutic methods/alternatives** used for general surgical diseases and problems.
- a.9. List **techniques of surgical operations.**
- a. 10. Describe mechanism of action, advantages, disadvantages, side effects and complications of **laparoscopic surgery.**
- a. 11. Describe **scientific development** in the field of general surgery.
- a.12. Mention **principles, ethics & legal aspects** of professional practice in the field of general surgery.
- a.13. List the principles of **quality assurance of professional practice** in the field of general surgery.
- a.14. Understand effect of **professional practice on the environment** and methods of environmental development & maintenance.
- a.15. Mention basics & ethics of **scientific research.**

F- Intellectual Skills

- b. 1. Interpret data acquired through **history taking** to reach a **provisional diagnosis** for general surgical problems.
- b.2. Select from **different diagnostic alternatives** the ones that help reaching a **final diagnosis** for general surgical problems.
- b.3. Link between knowledge for **professional problem solving.**

	<p>b.4. Conduct research studies and/or write a scientific study on a research problems</p> <p>b.5. Assess risk in professional practices in the field of general surgery.</p> <p>b.6. Plan to improve performance in the field of general surgery.</p> <p>b.7. Identify general surgical problems and find solutions</p> <p>b.8. Analyze reading of research & issues related to the general surgery.</p>
<p>G- Professional and Practical Skills</p>	<p>c.1. Apply the basic & modern professional skills in the area of general surgery.</p> <p>c.2. Write and evaluate of medical reports.</p> <p>c.3. Assess of methods & tools existing in the area of general surgery.</p>
<p>H- General and transferable Skills</p>	<p>d.1. Communicate effectively by all types of effective communication.</p> <p>d.2. Use information technology to serve development of professional practice.</p> <p>d.3. Assess himself& identify of personal learning needs.</p> <p>d.4. Use different sources to obtain information & knowledge.</p> <p>d.5. Develop rules & indicators for assessing the performance of others.</p> <p>d.6. Work in a team and team's leadership in various professional contexts.</p> <p>d.7. Manage time effectively.</p> <p>d.8. Learn himself continuously</p>

4. Course Contents

Topic	Lecture hours/week	Practical/Clinical hours/week	Total No. of hours hours/week
Lymphadenopathy	1 hour	1 hour	2

Varicose veins and postphlebotic leg	1 hour	1 hour	2
DD of leg ulcer and LL edema, Gangrene	1 hour	1 hour	2
Skin manifestations of breast cancer, DD of axillary swelling	1 hour	1 hour	2
Skin manifestations of GIT diseases + types of jaundice	1 hour	1 hour	2
Testis and scrotal diseases	1 hours	1 hours	2
DD of neck swellings	1 hour	1 hour	2
Scalp, face and tongue ulcers	1 hour	1 hour	2
Skin, SC lesions and	1 hour	1 hour	2
Hemangioma	1 hour	1 hour	2
Premalignant skin lesions	1 hour	1 hour	2
DD of malignant skin lesions	1 hour	1 hour	2
Burn	1 hour	1 hour	2
Flap, graft and reconstruction + principles of ethetic surgery	1 hour	1 hour	2
Total	14	14	28
5. Teaching and Learning Methods	4.1- Lectures 4.2- Practical lessons 4.3- Assignment		
6. Teaching and Learning Methods for students with limited Capacity	<ul style="list-style-type: none"> • Special sessions to explain any difficult part for students to understand • Different schedule according to their ability 		

	<ul style="list-style-type: none"> • Providing lectures in places suitable for their ability
7. Student Assessment	
A. Student Assessment Methods	<p>1- Research: assignment.</p> <p>2- Written Exams:</p> <ul style="list-style-type: none"> - Short essay. - MCQs. - Commentary and Problem solving. <p>3- Practical Exams.</p> <p>4- OSPE</p> <p>5- Clinical Exams.</p> <p>6-OSCE.</p> <p>7-Oral Exams.</p> <p>8- Structured Oral Exams.</p>
B. Assessment Schedule (Timing of Each Method of Assessment)	<p>Assessment 1: Final written exam week: 24-28</p> <p>Assessment 2: Oral exam week: 24-28</p> <p>Assessment 3: Practical exam week: 24-28</p>
C. Weighting of Each Method of Assessment	<p>Final Written Examination 40 % (15)</p> <p>Oral Examination 25 % (10)</p> <p>Practical Examination 35% (12.5)</p>

	Other types of assessment 0%
	Total 100%
8. List of References	
B. Course Notes/handouts	Department notes, lectures and handouts
C. Essential Books	Sabiston text book of surgery
D. Recommended Text Books	Sabiston text book of surgery
E. Periodicals, websites	http://www.freebooks4doctors.com/ http://www.pubmed.gov/ http://www.medscape.com/

Course Specification of General Surgery for Master degree of Dermatology (First part)	مسمى المقرر
	كود المقرر

.....المنيا.....: جامعة/أكاديمية
الطب البشرى.....: كلية / معهد
الجراحة العامة.....: قسم

A. The Matrix of Coverage of Course IL by Contents

Contents	Intended Learning Outcomes (ILOs)			
	A. Knowledge & understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lymphadenopathy	x		X	x
Varicose veins and postphlebotic leg	x		X	x
DD of leg ulcer and LL edema, Gangrene	x	x	X	x
Skin manifestations of breast cancer, DD of axillary swelling	x	x	X	x
Skin manifestations of GIT diseases + types of jaundice	x		X	x
Testis and scrotal diseases	x		X	x
DD of neck swellings	x	x	X	x
Scalp, face and tongue ulcers	x		X	x
Skin, SC lesions and hemangioma	x		X	x

Premalignant skin lesions	x		X	x
DD of malignant skin lesions	x	x	X	x
Burn	x		X	x
Flap, graft and reconstruction + principles of ethetic surgery	x		X	x

**Head of the General Surgery department:
Prof. Dr. Amr Hamdy**

Amr Hamdy

Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	X			
Practical	X	x	x	X
Clinical (Including grand rounds)	X			X
Presentation/seminar	X			X
Journal club				X
Thesis discussion		x		X
Training courses & workshops			x	X

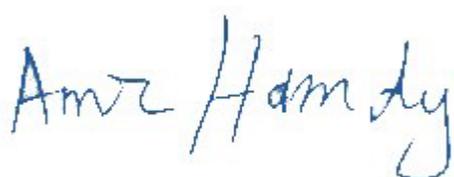
**Head of the General Surgery department:
Prof. Dr. Amr Hamdy**

Amr Hamdy

Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	X	x		
Practical exam		x	x	X
Clinical exam		x	x	X
Oral Exam	X	x	x	
Assignment		x	x	
Structured oral exams	X	x	x	

**Head of the General Surgery department:
Prof. Dr. Amr Hamdy**



Blue Print of General surgery for candidates of master degree in Dermatology (first part) (15 marks)

	Topic	Hours	Knowledge %	Intellectual %	% of topic	Knowledge Mark	Intellectual Mark	Actual Mark
١	Lymphadenopathy	1	100	-	7%	1	-	1
٢	Varicose veins and postphlebotic leg	1	100	-	7%	1	-	1
٣	DD of leg ulcer and LL edema, Gangrene	1	65	35	7%	0.75	0.5	1.25
٤	Skin manifestations of breast cancer, DD of axillary swelling	1	65	35	7%	0.75	0.5	1.25
5	Skin manifestations of GIT diseases + types of jaundice	1	100	-	7%	1	-	1
6	Testis and scrotal diseases	1	100	-	7%	1	-	1
7	DD of neck swellings	1	65	35	7%	0.75	0.5	1.25
8	Scalp, face and tongue ulcers	1	100	-	7%	1	-	1
9	Skin, SC lesions and	1	100	-	7%	1	-	1
10	Hemangioma	1	100	-	7%	1	-	1
11	Premalignant skin lesions	1	100	-	7%	1	-	1
12	DD of malignant skin lesions	1	65	35	7%	0.75	0.5	1.25
13	Burn	1	100	-	7%	1	-	1
14	Flap, graft and reconstruction + principles of ethetic surgery	1	100	-	7%	1		1
	Total	14			100 %			15

**Head of the General Surgery department:
Prof. Dr. Amr Hamdy**

Amr Hamdy

7- Course specification of internal medicine in Master degree in Dermatology and Venerology. (DV200)

University: Minia

Faculty: Medicine

Department: Dermatology and venerology

- Course Information		
<ul style="list-style-type: none"> • Academic Year/level: 2023 	<ul style="list-style-type: none"> • Course Title: Course specification of internal medicine in Master degree in Dermatology and venerology 	
<p>A. Number of total teaching hours: Total of 4 hours/ week ×22weeks ;</p> <p>B. total hrs/ course= 88hrs</p> <p>C. Lectures: 2 hours/week ×22 weeks ; total hrs/ course = 44hrs</p> <p>D. Practical/clinical: 2 hours/week×22 weeks ; total hrs/ course = 44hrs</p>		
<p>- Overall Aims of the course</p>	<p style="text-align: center;"><i>By the end of the course the student must be able to:</i></p> <p>1- identify common medical conditions accurately and independently on the basis of adequate history taking, physical examination and interpretation of relevant supportive investigations.</p> <p>2- solve acute medical emergencies safely and effectively Without aid.</p> <p>3- Perceive and integrate accurately the progress in medical knowledge and technology.</p> <p>4- value his standards of knowledge and training by clinical self-education.</p>	

<p>- Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>	
<ul style="list-style-type: none"> ○ Knowledge and Understanding 	<p>A.1 Explain the common diagnostic and laboratory techniques necessary to establish diagnosis of common illness.</p> <p>A.2 identify the principles and fundamentals of quality of professional practice in the field of internal medicine.</p> <p>A.3 extract the spectrum of clinical symptomatology related to different body systems.</p> <p>A.4 discover the clinical spectrum of common medical conditions with multisystem affection.</p> <p>A.5 Describe the concept of emergency management of acute medical disorders (acute abdomen, acute cardiac illness, coma,.....).</p>
<ul style="list-style-type: none"> ○ Intellectual Skills 	<p>B.1 describe appropriate management plans for individual patients presenting with the most common medical disorders (cardiac, hepatic, GIT, hematological, neurological,).</p> <p>B.2 correlate from different diagnostic alternatives to reach a final diagnosis.</p> <p>B.3 solve common clinical situations using appropriate problem solving skills.</p> <p>B.4 Interpret X-ray and CT films, blood gas, blood picture, bone marrow, liver and renal function reports covering the most important medical conditions.</p> <p>B.5 identify appropriate professional attitudes and behaviors in different practice situations in cardiology hepatic diabetic,.....).</p>

	<p>B.6 define risk in professional practices in the field of internal medicine.</p> <p>B.7 Identify medical problems and find solutions.</p> <p>B.8 criticize non- traditional solutions to medical problems.</p>
<p>○ Professional and Practical Skills</p>	<p>C.1 identify the basic and modern professional skills in the area of internal medicine.</p> <p>C.2 tell a good medical history.</p> <p>C.3 describe a proper general examination and identify the main bedside tests.</p> <p>C.4 Identify normal and abnormal physical signs.</p> <p>C.5 describe proper regional examination of the thorax and abdomen by inspection, palpation, percussion and auscultation to identify: surface anatomy of internal organs, normal physical signs and abnormal physical signs.</p> <p>C.6 Identify a clear priority plan in the patient's management.</p> <p>C.7 extract the clinical skills of eliciting abnormal physical signs in various systems examination.</p> <p>C.8 Interpret the significance and relevance of abnormal physical signs.</p> <p>C.9 Identify the appropriate supportive investigations relevant to a particular patient and adequately interpret the results.</p> <p>C.10 classify patient's symptomatology, historic data, abnormal physical signs and investigations into a comprehensive differential diagnosis in various body systems affection.</p> <p>C.11 Identify adequate logistics for further patient assessment and management.</p> <p>C.12 identify common medical conditions related to the specialty.</p> <p>C.13 recognize special therapeutic and interventional techniques related to the specialty.</p>

	<p>C.14 Interprets adequately the results of common laboratory investigations as urine analysis, blood picture, liver and kidney function tests, etc.</p> <p>C.15 Interprets adequately X-ray, CT and ultrasonic images of common diseases.</p> <p>C.16 Interprets properly ECG recordings of cardiac conditions.</p> <p>C.17 recognize patient clinical assessment and monitoring, their significance and inter-relations.</p> <p>C.18 define adequately the patient's acute morbidity score and need for urgent intervention.</p>
<ul style="list-style-type: none"> ○ General and transferable Skills 	<p>D.1 Connect effectively with patients and their families.</p> <p>D.2 illustrate problematic internal medicine-cases in seminars.</p>

- Course Contents

Topic	Lecture hours	Practical/Clinical hours	Total No. of hours
Nephrology			
Glomerulonephritis	2	2	4
Chronic Renal failure	4	4	8
Endocrinology			
Diabetis mellitus:	2	2	4
Diabetic complications acute	2	2	4
Chronic	3	1	4
Thyroid diseases:	1	3	4
Hyperthyrodism			
Hypothyrodism	2	2	4
Suprarenal gland disorders	1	3	4
Pituitary hypofunction	3	1	4
Hepatology&Gastroentology			
Chronic Hepatitis	1	3	4
Liver cirrhosis	2	2	4
Liver cell failure	3	1	4
Jaundice	2	2	4

Intestinal polyposis	1	3	4
Telangectasia	3	1	4
Inflammatory bowel disease	2	2	4
Collagen vascular and systemic diseases			
SLE	1	3	4
RA	2	2	4
Vasculitis	3	1	4
Dermatomyositis	2	2	4
Seronegative spondyloarthropathy	2	2	4
Total	44hrs	44hrs	88hrs
- Teaching and Learning Methods	1 Lectures. 2 Practical / clinical lessons (Rounds and case discussion) 3 Discussion sessions. 4 Information collection from different sources. 5 Attending and participating in scientific meeting and workshops 6 Attendance local and international courses, workshops and training courses.		
- Student Assessment			
A. Student Assessment Methods	1 Student assignments: to assess general transferable skills and intellectual skills 2 Written examination: to assess knowledge. 3 Clinical examination: to assess practical and intellectual skills. 4 Oral examinations: to assess knowledge.		
B. Assessment Schedule (Timing of Each Method of Assessment)	Assessment 1. Written examination 24weeks Assessment 2. Oral examination 24week Assessment 3. Clinical examination 24week		
C. Weighting of Each Method of Assessment	Written Examination: 15 degrees Oral Examination: 10 degrees Clinical Examination: 12.5 degree Total: 37.5 degree		
- List of References			

A. Course Notes/handouts	
B. Essential Books	Kumar and Clarke Textbook of Medicine; Parveen Kumar and Richard Clark; Blackwell Science; 14th edition, 2007 -Hutchison's Clinical Methods; Robert Hutchison; Harry Rainy; 21st edition;2003
C. Recommended Text Books	- Cecil Textbook of Medicine; McGraw Hill; 16th edition, 2007. - Harrison's Textbook of Medicine, McGraw Hill, 2005.
D. Periodicals, websites	, www.pubmed. Com

Course Coordinator/s:

Dr.Mahmoud Saad professor of Internal medicine -Faculty of medicine- Minia university

Dr Hatem Ahmed Hassan lecturer of Internal medicine Faculty of medicine- Minia university

Dr.Osama Nady Mohamed lecturer of Internal medicine Faculty of medicine- Minia university

Head of Department:

Prof. Dr. Yousef Ismael Mosa

Professor of Internal medicine - Faculty of medicine – Minia university
And Head of Internal medicine Department

Date of last update & approval by department Council: 2-2023

نموذج رقم (١١ أ)

Course specification of internal medicine in Master degree in Dermatology and venerology	مسمى المقرر
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A. The Matrix of Coverage of Course IL by Contents

Topic	Knowledge and understanding	Intellectual Skills	Professional and Practical Skills	General skills
Nephrology				D1,D2
Glomerulonephritis	A1-A5	B1-B8	C1-C18	D1,D2
Chronic Renal failure	A1-A5	B1-B8	C1-C18	D1,D2
Endocrinology				D1,D2
Diabetes mellitus: Diabetic complications acute and chronic	A1-A5	B1-B8	C1-C18	D1,D2
Thyroid diseases: Hyperthyrodism Hypothyrodism	A1-A5	B1-B8	C1-C18	D1,D2
Suprarenal gland diseases	A1-A5	B1-B8	C1-C18	D1,D2
Pituitary hypofunction	A1-A5	B1-B8	C1-C18	D1,D2
Hepatology&Gastroentology				
Chronic Hepatitis	A1-A5	B1-B8	C1-C18	D1,D2

Liver cirrhosis and Liver cell failure	A1-A5	B1-B8	C1-C18	D1,D2
-Jaundice	A1-A5	B1-B8	C1-C18	D1,D2
Inflammatory bowel disease	A1-A5	B1-B8	C1-C18	D1,D2
Intestinal polyposis	A1-A5	B1-B8	C1-C18	D1,D2
Telangectasia				
Collagen vascular and systemic diseases				
SLE	A1-A5	B1-B8	C1-C18	D1,D2
RA	A1-A5	B1-B8	C1-C18	D1,D2
Vasculitis	A1-A5	B1-B8	C1-C18	D1,D2
Seronegative spondyloarthropathy				
Dermatomyositis				

Date of last department approval: 6-3-2023

Head of the Internal Medicine department Signature:

B - Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	X	x		
Practical			X	
Clinical (Including grand rounds)			X	
Presentation/seminar				x
Journal club	X			x
Training courses & workshops	X		X	

Date of last department approval: 6-3-2023

Head of the Internal Medicine department Signature:

The image shows a handwritten signature in blue ink over a blue official stamp. The stamp contains Arabic text: 'رئيس قسم الباطنة' (Head of the Internal Medicine Department) and 'الجامعة المنيا' (Minia University).

Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1-A5			
Practical exam		B1-B8	C1-C18	
Clinical exam		B1-B8	C1-C18	
Oral Exam		B1-B8	C1-C18	
Assignment				D1-D2

Date of last department approval: 6-3-2023

Head of the Internal Medicine department Signature:

The image shows a handwritten signature in blue ink over a blue rectangular stamp. The stamp contains Arabic text: 'أ. د. محمد عبد الحليم' (Dr. Mohamed Abdel Halim) and 'رئيس قسم الباطنة' (Head of the Internal Medicine Department). The signature is written in a cursive style.

**Blue Print of Internal Medicine for candidates of master
degree in Dermatology (first part)
examination paper (15 marks)**

	Topic	Hours	Knowledge%	Intellectual%	% of topic	Knowledge mark	Intellectual Mark	Actual Mark
١	Nephrology	5	75	55	25%	2.5	1.25	3.75
٢	Endocrinology	٥	٧٥	٥٥	%٢٥	٢.5	1.25	3.75
٣	Hepatology & Gastroentology	٥	٧٥	٥٥	%٢٥	2.5	1.25	3.75
٤	Collagen vascular and systemic diseases	٥	٧٥	٥٥	%٢٥	2.5	1.25	3.75
	Total	20			100%			15

رئيس القسم

منسق البلوك

أ.د / يوسف اسماعيل موسى

أ.د/ محمود سعد



8- Course Specifications of Medical Ethics (Master degree of Dermatology and Venerology) (DV200)

University: Minia

Faculty: Medicine

Program on which the course is given: Master degree of Dermatology and Venerology

Major or minor element of program: Medical ethics, ethics of medical research

Department offering the program: Dermatology and Venerology Department

Department offering the course: Forensic Medicine & Clinical Toxicology Department

Academic year / Level: First part

Date of specification approval: Last date of approval: 7/11/2021

A. Basic Information		
<ul style="list-style-type: none"> • Academic Year/level: Post graduate; 1st Part MSC, dermatology and venerology 	<ul style="list-style-type: none"> • Course Title: Course Specification of Medical Ethics (Master degree of dermatology and venerology) 	<ul style="list-style-type: none"> • Code:
<ul style="list-style-type: none"> • Number of teaching hours: - Lectures: Total of 30 hours; 3 hour/week - Practical: Total of 15 hours; 1 hour/week 		
B- Professional Information		
<p>1. Overall Aims of the course</p>	<p>By the end of the course the student should be able to identify the value of studying and practicing medicine, the duties of doctors towards their patients, colleagues and community, the ethics in medical consultations among colleagues and also able to explain respect the patient's confidentiality and secrets, recognize the role of health care providers in the community and describe medical errors, negligence and legal issues, ethics of medical research especially on human beings and finally able to explain ethics and evidence based medicine</p>	
<p>2. Intended learning outcomes of course (ILOs): <i>Upon completion of the course, the student should be able to:</i></p>		

<p>A- Knowledge and Understanding</p>	<p>A.1- Identify the basic concept of learning and practicing medicine from the religious and human point of view.</p> <p>A.2- Identify the very beneficial impressive history of medicine; ethics related.</p> <p>A.3- Classify the main principles of medical ethics.</p> <p>A.4- Recognize an integrated approach to deal with patients, their families, community and medical staff in an ethical, legal and human manner.</p> <p>A.5- Identify rules in law and regulations to deal with patients in practicing medicine.</p> <p>A.6- Explain the standard and accredited methods of clinical research especially on human beings.</p>
<p>B- Intellectual Skills</p>	<p>B.1- Design approach to patients in different situations; critical and noncritical ones.</p> <p>B.2- Develop adequate communication skills with patients, community and colleagues.</p> <p>B.3- Conclude in medical researches on clear ethical basis.</p> <p>B.4- Use knowledge and learn according to standard basis worldwide.</p> <p>B.5- Apply and practice medicine according to concepts of evidence based medicine.</p> <p>B.6- Recognize common ethical dilemma and suggest a proper solution.</p>
<p>C- Professional and Practical Skills</p>	<p>C.1- Use a high professional approach with colleagues and patients.</p> <p>C.2- Modify steps of upgrading his/her educational, academic and clinical carriers.</p> <p>C.3- Use the standard guidelines in managing patients.</p> <p>C.4- Identify what is called as clinical governance and auditing his /her Performance.</p>
<p>D- General and transferable Skills</p>	<p>D.1- Identify how to respect his/herself and the profession.</p> <p>D.2- Develop adequate behavior and skill communications with community.</p> <p>D.3- Modify life and live like others sharing social and national affairs.</p> <p>D.4- Develop the capacity of helping people and share in upgrading their culture and education.</p> <p>D.5- Identify how to participate in the national and social affairs and responsibilities.</p>

3- COURSE CONTENT

TOPIC	Lecture Hours	Practical Hours	Total hours
Medical Responsibility and Duties of the physician	2	1	3
Medicolegal aspect of cloning	2	1	3
Defensive Medicine	2	1	3
Diagnosis of death & Death Certificates	2	1	3
Consent in medical field	2	1	3
Medical malpractice	2	1	3
Medical syndicate	2	1	3
Professional secrecy	2	1	3
Physician disciplinary proceeding	2	1	3
Domestic Violence	2	1	3
Euthanasia (Mercy death)	2	1	3
Ethics in medical research	2	1	3
Medical reports	2	1	3
Rules of using addictive drugs among physicians	2	1	3
Medical certificates	2	1	3
Total	(30 hr.) 2/W	(15 hr.) 1/W	(45 hr.) 3/W

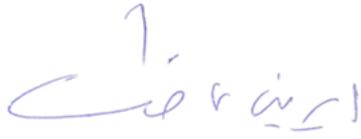
4- Teaching and Learning Methods	4.1 - Straight lectures; power point presentations 4.2 - Practical lessons 4.3 - Brain storming with the students 4.4 - Questions and Answers
5- Teaching and Learning Methods to students with limited Capacity	(Not applicable)
6- Student Assessment	
A. Student Assessment Methods	<u>TENDANCE CRITERIA:</u> by Faculty laws (log book) <u>ASSESSMENT TOOLS:</u> *Final Written exam: short essay to asses knowledge and understanding. problem solving to asses intellectual skills MCQ to assess knowledge and intellectual skills. *Oral exam; to asses knowledge and understanding. Also intellectual skills, attitude, and communication. *Practical exam: to assess practical and professional skills.
B. Assessment Schedule	<ul style="list-style-type: none"> • Final Written exam week: 24-28 • Oral exam week: 24-28 • Practical exam week: 24-28
C. Weighting of Assessment	<ul style="list-style-type: none"> • Final Written exam 40% (40 Marks) • Oral & Practical exams 60% (60 Marks) • Total 100% (100 Marks)
7- List of References	
A. Course Notes/handouts	Department book by staff members. Log Book.
B. Essential Books (text books)	Medical Ethics Manual, 2nd Edition John R. Williams, 2009. Medical Ethics, 2nd Edition, Michael Boylan, 2014.
C. Recommended Books	Text book of medical ethics, Erich H. Loewy, 1989
D. Periodicals	Journal of Medical Ethics Journal of Medical Ethics and History of Medicine
E. Web sites	https://en.wikipedia.org/wiki/Medical_ethics https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5074007/
8- Facilities required for teaching and learning	Classrooms for theoretical lectures and tutorials

Course Coordinators:

Prof. Dr. Morid Malak Hanna

Dr. Mennatallah Mahmoud Ahmed

Head of Department:
Prof. Dr. Irene Atef Fawzy



Date of last update & approval by department council: 5/3/2023

Course Specification of Medical Ethics	مسمى المقرر
Master degree of Dermatology and venerology (First part))	
	كود المقرر

جامعة/أكاديمية :المنيا.....
كلية / معهد:الطب البشرى.....
قسم:الطب الشرعى والسموم
الأكلينكية.....

A. The Matrix of Coverage of Course IL by Contents

Contents	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Medical Responsibility and Duties of the physician	A1,3	B4	C1	D1,2
Medicolegal aspect of cloning	A1,2	B3	-	-
Defensive Medicine	A4,5	B6	C3	D3
Diagnosis of death & Death Certificates	A1,2	B2	-	-
Consent in medical field	A2,5	-	-	-
Medical malpractice	A1,6	B5	C4	D5
Medical syndicate	A5,6	B3	-	-
Professional secrecy	A1,2,3	-	-	D4
Physician disciplinary proceeding	A2,4,5	B2	-	D1.2,3
Domestic Violence	A2,4,6	-	C2	-
Euthanasia (Mercy death)	A1,3,4	B1	-	-

Ethics in medical research	A1,2	-	-	-
Medical reports	A3,4	-	C1,2	D1.2
Rules of using addictive drugs among physicians	A1,4	B1,2	-	-
Medical certificates	A1,6	B3,5	C3	D1,4

B. Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

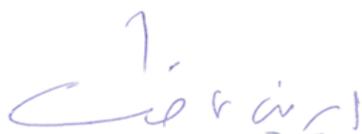
Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	A1,2,3,4,5,6	B1,2,3,4,5,6	-	-
Practical	-	-	C1,2,3,4	-
Presentation/seminar	-	-	-	D1,2,3,4,5
Journal club	-	-	-	-
Thesis discussion	-	-	-	-
Training courses & workshops	-	-	-	D1,2,3,4,5

C. Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Written exam	A1,2,3,4,4,5,6	B1,2,3,4,5	-	-
Practical exam	-	-	C1,2,3,4,5	-
Oral Exam	A1,2,3,4,4,5,6	B1,2,3,4,5	-	-

Head of Department:

Prof. Dr. Irene Atef Fawzy



Date of last update & approval by department council: 5/3/2023

Blueprint of Forensic Medicine and Clinical Toxicology Department

Blueprint of 1st MSc of Dermatology and Venerology

Postgraduates” Medical Ethics Examination Paper (40 marks)

	Topic	Hours	Knowledge %	Intellectual %	% of topic	N of item/ topic	Knowledge		Intellectual		Marks	Actual mark
							N of items	Mark	N of items	Mark		
1	Medical Responsibility and Duties of the physician & Defensive Medicine	4	75	25	13.32	1	1	5.32	1	10	5.32	3
2	Medicolegal aspect of cloning	2	75	25	6.66	1	1	2.66	---	---	2.66	3
3	Diagnosis of death & Death Certificates	2	75	25	6.66	1	1	2.66	---	---	2.66	5
4	Consent in medical field & Medical malpractice	4	70	30	13.32	1	1	5.32	1	10	5.32	5
5	Medical syndicate & Professional secrecy	4	75	25	13.32	1	1	5.32	---	---	5.32	5
6	Physician disciplinary proceeding & Euthanasia (Mercy death)	4	75	25	13.32	1	1	5.32	1	10	5.32	
7	Domestic Violence	2	70	30	6.66	1	1	2.66	---	---	2.66	3
8	Ethics in medical research	2	80	20	6.66	1	1	2.66	---	---	2.66	3
9	Medical reports & Medical certificates	4	80	20	13.32	1	1	5.42	1	10	5.42	5
10	Rules of using addictive drugs among physicians	2	75	25	6.76	1	1	2.66	---	---	2.66	3
	Total	30			100%			40		40	40	40

9- Course Specifications of Dermatology, Venerology and Andrology (Master degree of Dermatology and Venerology) (DV200)

UniversityMinia

Faculty Medicine...

1. Program on which the course is given: Master degree of Dermatology, and Venerology.
2. Major or minor element of program: Major
3. Department offering the program: Dermatology and Venerology
4. Department offering the course: Dermatology and Venerology
5. Academic year / Level: second part
6. Date of specification approval: **3/2023**

1- Course Information

• **Academic Year/level:**
second part

• **Course Title:**

Dermatology and venerology

• **Code:** DV200

• **Number of teaching hours:**

- **Lectures:** Total of ۲۰۶ hours; 8 hours/week

- **Practical/clinical:** Total of 512 hours; 16 hours/week

2- Overall Aims of the course

To deliver an advanced knowledge of in Dermatology, Venerology and andrology and hence the candidate can recognize a wide range of in Dermatology, Venerology and andrology problems and to establish an advanced skill of the candidates for diagnosis and treatment of a wide range of dermatological, STDs and Andrological disorders.

3- Intended learning outcomes of course (ILOs):

Upon completion of the course, the student should be able to:

A- Knowledge and Understanding

- a1. Mention the recent advances in the normal structure and function of the skin
- a2. the natural history of general skin diseases.

	<p>a3. Enumerate the causation and pathogenesis of dermatological, STDs and andrological diseases and problems.</p> <p>a4. List the techniques of different diagnostic methods.</p> <p>a5. List the clinical picture and differential diagnosis of different skin disorders.</p> <p>a6. Describe the various therapeutic methods/alternatives used for skin, STDs and andrological diseases.</p> <p>a7. Describe scientific development in the field of skin, STDs and andrological diseases</p> <p>a8. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of skin, STDs and andrological diseases and problems.</p> <p>a9. Describe the mechanism of action, advantages, disadvantages, side effects and complications of different therapeutic modalities.</p> <p>a10. Define basics and ethics of scientific research</p>
<p>B- Intellectual Skills</p>	<p>b1. Interpret data acquired through history taking to reach a provisional diagnosis for dermatological and andrological problems.</p> <p>b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis in dermatological diseases.</p> <p>b5. Plan to improve performance in the field of dermatology, Venerology and andrology</p> <p>b6. Appraise general dermatological problems and find solutions.</p> <p>b7. Analyze reading of research and issues related to the of dermatology, Venerology and andrology</p>
<p>C- Professional and Practical Skills</p>	<p>c1. Apply the basic and modern professional skills in the area of dermatology, Venerology and andrology</p> <p>c2. Write and evaluate histopathological and laboratory reports.</p> <p>c3. Assess of methods and tools existing in the area of dermatology, Venerology and andrology</p>
<p>D- General and transferable Skills</p>	<p>d1. Communicate effectively by all types of effective communication</p> <p>d2. Use information technology to serve the development of professional practice</p>

- d3. Use different sources to obtain information and knowledge.
- d4. Develop rules and indicators for assessing the performance of others.
- d5. Work in a team, and team's leadership in various professional contexts.
- d6. Manage time effectively.

E- Course Contents

Topic	No. of hours	No of Lecture	Tutorial/Practical hours
<input type="checkbox"/> Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology).	٤	٢	8
<input type="checkbox"/> Module 2: the Skin: General Principles	٢	١	4
<input type="checkbox"/> Module 3: Papulosquamous and eczematous dermatoses	١٦	٨	32
<input type="checkbox"/> Module 4: Urticarias, erythemas and purpuras	١٢	٦	24
<input type="checkbox"/> Module5: Bacterial Infections, Mycobacterial Infections	١٢	٦	24
<input type="checkbox"/> Module6: Viral infection, Fungal infection	١٢	٦	24
<input type="checkbox"/> Module 7: Blistering disorder	١٢	٦	24
<input type="checkbox"/> Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands	٦	٣	12
<input type="checkbox"/> Module 9: Disorder of hair and nail			

<input type="checkbox"/> Module 10: Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders	١٠	٥	20
<input type="checkbox"/> Module11: Disorders of Skin Color, Metabolic and Nutritional Disorders	١٢	٦	24
<input type="checkbox"/> Module 12: Tumors	١٢	٦	24
<input type="checkbox"/> Module 13: Laser, cosmetic surgery	١٢	٦	24
<input type="checkbox"/> Module 14: male infertility	٦	٣	12
A. - Embryology of the male genital system	٣٢		
B. Control of testis functions	١	1	2
C. Spermatogenesis	١	1	2
D. Androgen biosynthesis and functions	٢	١	4
E. Sertoli cell functions and Epididymis functions	٢	١	4
F. Male infertility sheet	٢	١	4
G. Semen analysis	٢	١	4
H. Sperm function test	١	1	2
I. Causes and diagnosis of male infertility	٤	٢	8
J. Varicocele	٢	١	4
K. Treatment of Male infertility.	٦	3	12
L. Gynecomastia	٤	٢	8

	٤	٢	8
	٢	١	4
Module 15: human sexuality	١	١	2
A. Anatomy of penis	٣٢		
B. Sexual response cycle	١	١	2
C. Physiology of erection and ejaculation	١	١	2
D. Causes of erectile dysfunction	٢	١	2
E. Diagnosis of erectile dysfunction	٦	٢	12
F. Treatment of erectile dysfunction	٤	٢	8
G. Disorder of ejaculation	٦	٣	12
H. Emergencies of andrology	٢	١	4
I. Puberty and puberty disorders	٢	١	4
J. Micropenis	٤	٢	8
K. Sexual perversions and gender dysphoria, Disorder of sex development	١	1	2
L. Female sexual dysfunction and female genital mutilation	2	2	4
	١	1	2
<input type="checkbox"/> Module 16: sexually transmitted diseases			
A. Etiological classification of STDs	٦٤		
B. Symptoms of STDs	١	1	2
C. Anatomy of male urethra	١	1	2
D. Female urethra	١	1	2
E. Male urethral discharge	١	1	2
F. Bacterial: (Gonorrhea- Chlamydial infections – Mycoplasma- Bacterial vaginosis	2	1	4
	1٠	٥	20

G. Viral: (Condyloma acuminatum "anogenital wart - Human immunodeficiency virus infections-Molluscum contagiosum	١٠	٥	20
H. fungal: (Genital candidiasis -Cyclical vulvovaginitis -Trichomoniasis)	٦	٣	
I. Genital ulcers	٤	٢	12
J. Genital herpes	٢	١	8
K. Syphilis	٦	٣	4
L. Chancroid (soft sore)	2	1	12
M. Granuloma inguinale	٢	١	4
N. Lymphogranuloma venereum	٢	١	4
O. Pelvic inflammatory disease	2	1	4
P. Prostatitis	١	1	4
Q. Prostatodynia	١	1	2
R. Epididymitis	٢	1	2
S. Reiter's disease	٢	١	2
T. Genital dermatoses	٢	١	4
U. Squamous cell carcinoma of penis	١	1	4
V. Balanitis	١	١	2
W. Dermatoses of the vulva	١	1	2
X. Endemic non venereal treponematoses			2
Total	٢٥٦	١٣٧	512
F- Teaching and Learning Methods	4.1- Lectures. 4.2- Clinical cases 4.3- Surgical lessons		

	<p>4.4- Attending and participating in scientific conferences, workshops, and group discussion to acquire the general and transferable skills needed.</p> <table border="1" data-bbox="699 398 1513 1137"> <tr> <td>Grand rounds</td> <td>اجتماع علمى موسع</td> </tr> <tr> <td>Training courses</td> <td>دورات تدريبية</td> </tr> <tr> <td>Conference attendance</td> <td>حضور مؤتمرات علمية</td> </tr> <tr> <td>Thesis discussion</td> <td>حضور مناقشات رسائل</td> </tr> <tr> <td>Workshops</td> <td>حضور ورش عمل</td> </tr> <tr> <td>Journal club</td> <td>ندوة الدوريات الحديثة</td> </tr> <tr> <td>Case presentation</td> <td>تقديم حالة مرضية</td> </tr> <tr> <td>Seminars</td> <td>لقاء علمى موسع</td> </tr> <tr> <td>Morbidity and Mortality conference</td> <td>ندوة تحليل المخاطر المرضية أو الوفاة</td> </tr> <tr> <td>Self-education program</td> <td>برنامج التعليم الذاتى</td> </tr> </table>	Grand rounds	اجتماع علمى موسع	Training courses	دورات تدريبية	Conference attendance	حضور مؤتمرات علمية	Thesis discussion	حضور مناقشات رسائل	Workshops	حضور ورش عمل	Journal club	ندوة الدوريات الحديثة	Case presentation	تقديم حالة مرضية	Seminars	لقاء علمى موسع	Morbidity and Mortality conference	ندوة تحليل المخاطر المرضية أو الوفاة	Self-education program	برنامج التعليم الذاتى
Grand rounds	اجتماع علمى موسع																				
Training courses	دورات تدريبية																				
Conference attendance	حضور مؤتمرات علمية																				
Thesis discussion	حضور مناقشات رسائل																				
Workshops	حضور ورش عمل																				
Journal club	ندوة الدوريات الحديثة																				
Case presentation	تقديم حالة مرضية																				
Seminars	لقاء علمى موسع																				
Morbidity and Mortality conference	ندوة تحليل المخاطر المرضية أو الوفاة																				
Self-education program	برنامج التعليم الذاتى																				
<p>G- Teaching and Learning Methods for students with limited Capacity</p>	<ul style="list-style-type: none"> • Special sessions to explain any difficult part for students to understand • Different schedule according to their ability • Providing lectures in places suitable for their ability 																				
<p>H- Student Assessment</p>																					
<p>a. Student Assessment Methods</p>	<p>5.1 final written exam to assess Knowledge, understanding and intellectual skills. 5.2 final oral exam to assess understanding and intellectual skills. 5.3 final practical exam to assess practical skills.</p>																				
<p>b. Assessment Schedule (Timing of Each Method of Assessment)</p>	<p>Assessment 1: Final written exam Assessment 2: Oral exam Assessment 3: Attendance and absenteeism</p>																				
<p>c. Weighting of Each Method of Assessment</p>	<p>Final Written Examination 40 % (280 marks)</p>																				

	<p>Oral Examination 30 % (210 marks)</p> <p>Practical Examination 30% (210 marks)</p> <p>Total 100%</p>
I- List of References	
F. Course Notes/handouts	Department notes, lectures and handouts
G. Essential Books	<ul style="list-style-type: none"> - Rook Text book of Dermatology - An Introduction to the Symptoms and Signs of Dermatology by Andrews - Text book of Dermatology, by Fitzpatrick - Principles of Dermatology, Venerology and andrology - Bolognola Text book of Dermatology - Lipschwaltz text book of STD's and Andrology
H. Recommended Text Books	<ul style="list-style-type: none"> - Kasr El Aini Introduction to Dermatology, Venerology and andrology. - Dermatology, Venerology and andrology, by Department of Dermatology, Venerology and andrology, Minia University
I. Periodicals, websites	<ul style="list-style-type: none"> - Journal of American Academy of Dermatology - British Journal of Dermatology. - International Journal of Dermatology. - Archives of Dermatology. - British Journal of Dermatology and Venerology. - Andrologia. - Fertility and sterility <p>http://www.ncbi.nlm.nih.gov/</p>

	http://www.webpath.com/ http://www.aacr.org/ http://www.uscap.org/ http://www.ascp.org/ http://www.freebooks4doctors.com/ http://www.pubmed.gov/ http://www.medscape.com/ http://emedicine.medscape.com/oncology http://www.geocities.com/jcprolla/cytopathology_diagnoses.html
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Course Coordinator/s:
Dr. Prof. Eman Saad Abdelazim

Head of Department:
Prof. Dr. Sherif Shokry Awad

رئيس قسم الامراض الجلدية والتناسلية

أ.د. شريف شكري عوض



Date of last update and approval by the department council: 3-2023

Dermatology and venerology	مسمى المقرر
DV200	كود المقرر

..... والتناسلية

..... المنيا : جامعة/أكاديمية
 كلية / معهد : الطب
 البشري
 قسم : الجلدية

A- Matrix of Coverage of Course ILOs By Contents

Contents (List of course topics)	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
<input type="checkbox"/> Module 1: Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology).	1-3-4-5	6-7	1-2-3	D1→D5
<input type="checkbox"/> Module 2: the Skin: General Principles	1-3-4-5	5-7	1-2-3	D1→D5
<input type="checkbox"/> Module 3: Papulosquamous and eczematous dermatoses	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 4: Urticarias, erythemas and purpuras	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module5: Bacterial Infections, Mycobacterial Infections	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module6: Viral infection, Fungal infection	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5

<input type="checkbox"/> Module 7: Blistering disorder	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 8: Disorders of the Sebaceous Glands, Disorders of Sweat Glands	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 9: Disorder of hair and nail	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 10: Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders	1-3-4-5-6-7-8	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 11: Disorders of Skin Color, Metabolic and Nutritional Disorders	1-3-4-5-6-8-9	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 12: Tumors	1-3-4-5-6-8-9	1-2-3-4-5-6-7	2-3	D1→D5
<input type="checkbox"/> Module 13: Laser, cosmetic surgery	1-3-4-5-7-8-9	1-2-3-4-5-6-7	1-3	D1→D5
<input type="checkbox"/> Module 14: male infertility	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7	3	D1→D5
<input type="checkbox"/> Module 15: human sexuality	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7	3	D1→D5
<input type="checkbox"/> Module 16: sexually transmitted diseases	1-2-3-4-5-6-8	1-2-3-4-5-6-7	3	D1→D5
Total	146			D1→D5

B- Matrix of Coverage of Course ILOs by Methods of Teaching & Learning

Methods of Teaching & Learning	Intended Learning Outcomes (ILOs)			
	A. Knowledge & Understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
Lecture	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7		
Practical			1-2-3	
Assignment				1-4-5-6

C- Matrix of Coverage of Course ILOs by Methods of Assessment

Methods of Assessment	Intended Learning Outcomes (ILOs)			
	A. Knowledge & understanding	B. Intellectual Skills	C. Professional & Practical skills	D. General & Transferable Skills
	A	B	C	D
	Written exam	3-4-7-8		
Practical exam		1-2-3-4	1-2	1-2-3-6
Oral Exam	3-4-5-6-7-8	1-2-3-4	3	2-3

Head of Department:
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Blueprint of Dermatology, Venerology and andrology Department

Blueprint of Dermatology, Venerology and andrology (postgraduates, 2nd part) Examination Paper

	Topic	Hours	Knowledge %	Intellectual %	% of topic	Knowledge Mark	Intellectual Mark	marks	Actual Mark
1	Overview of basic science in the skin (Anatomy and Physiology, Embryology, Molecular Biology and Immunology)	4	67 %	33 %	1.5 %	3	1	4.2	4
2	the Skin: General Principles	2	67 %	33 %	0.8 %	1	1	2.2	2
3	Papulosquamous and eczematous dermatoses	16	50 %	50 %	6.5 %	9	9	18.2	18
4	Urticarias, erythemas and purpuras	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
5	: Bacterial Infections, Mycobacterial Infections	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
6	Viral infection, Fungal infection	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
7	Blistering disorder	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
8	Disorders of the Sebaceous Glands, Disorders of Sweat Glands	6	50 %	50 %	2.5 %	3.5	3.5	7	7
9	Disorder of hair and nail	10	50 %	50 %	4 %	5.5	5.5	11.2	11
10	Connective Tissue Diseases, Vasculitis, Neutrophilic Dermatoses and Related Disorders	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
11	Disorders of Skin Color, Metabolic and Nutritional Disorders	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
12	Tumors	12	50 %	50 %	4.6 %	6.5	6.5	12.8	13
13	Laser, cosmetic surgery	6	50 %	50 %	2.5 %	3.5	3.5	7	7
14	male infertility	32	60 %	40 %	12.5 %	20	10	35	35
15	human sexuality	32	60 %	40 %	12.5 %	20	10	35	35
16	Sexually transmitted diseases	64	50 %	50 %	25 %	35	35	70	70
	Total	256			100%			280	280

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