



إعتماد توصيف مقررات برنامج الدبلوم فى الأمراض الجلدية والتناسلية وطب الذكورة

نقر نحن الموقعون على هذا أدناه أن توصيف وثيقة البرنامج التعليمى لدرجة الدبلوم فى طب
الأمراض الجلدية والتناسلية وطب الذكورة والمقررات الدراسية المكونة له قد تم وضعها بمعرفة
الأقسام

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عميد الكلية

وكيل الكلية للدراسات العليا



Peer Revision

Reviewers	University	Date of Revision
- Prof. Dawlat Salem	Cairo	10/12/2011
- Prof. Ahmad K. Mansur	Mansura	28/11/2011

PROGRAM SPECIFICATION FOR DIPLOMA OF DERMATOLOGY, VENEROLOGY AND ANDROLOGY

University Sohag

Faculty of Medicine

A- Basic Information:

1. Program Title: Diploma of Dermatology, Venereology & Andrology
2. Program Type: Single
3. faculty: Faculty of Medicine
4. Department: Dermatology, Venereology & Andrology
5. Coordinator: Dr. Reham Ezz El-Dawla Gaber, MD
6. Assistant coordinators: Mohamad Abo El-Hamd Ali, MSc.
7. External Evaluator: Prof. Eman Reiad Mohammed, MD, Asuit University
8. Last date of program specifications approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013.

B- Professional Information:

1. Program Aims:

The aim of this program is to provide the postgraduate student with the medical knowledge and skills essential for the professional practice of dermatology, Venereology & Andrology and through providing:

1. Scientific knowledge essential for the practice of Dermatology and Andrology according to the international standards.
2. Skills necessary for proper diagnosis and management of patients including diagnostic, problem solving and decision make skills.
3. Ethical principles related to the practice in this highly sensitive specialty.
4. Active participation in community needs management and problems solving.
5. Maintenance of abilities necessary for continuous medical education.

2. Attributes of the diploma degree graduates:

1. Application of the specific knowledge gained during practice of Dermatology, Venereology and Andrology.
2. Identification of professional problems in this specialty and suggest solutions for them.
3. Mastering professional skills and usage of suitable technologies in practice of Dermatology, Venereology and Andrology.
4. Ability to efficiently communicate and lead team works throughout organized professional work.
5. Decision making at the lights of the available information.
6. Perfect utilization of available resources.
7. Awareness of his role in community development and maintain good environment.

8. Reflects the commitment to act with integrity, credibility and professional norms and accountability.
9. Recognize the need to develop himself and to engage in continuous learning.

3. Program Intended Learning Outcomes (ILOs)

a) Knowledge and Understanding:

By the end of the study of diploma program in Dermatology, Venereology and Andrology the Graduate should be able to:

- a1. Mention the normal structure and function of the human integumentary and reproductive systems on the macro and micro levels.
- a2. Mention the normal growth and development of the human integumentary and reproductive systems.
- a3. List the abnormal structure, function, growth and development of human integumentary and reproductive systems and natural history of various dermatological, venereal and andrological diseases.
- a4. Mention the natural history of Dermatological, Venereal and Andrological problems.
- a5. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of dermatological, venereal and andrological illnesses.
- a6. Mention the causation of disease and disease pathogenesis.
- a7. Enumerate methods of promoting health and preventing illness.
- a8. Describe the scientific methods of establishing disease causation.
- a9. Mention the various diagnostic and laboratory techniques necessary to establish diagnosis of various dermatological, venereal and andrological illnesses.
- a10. List the various therapeutic methods /alternatives used for various dermatological, venereal and andrological illnesses.
- a11. Mention the ethical and legal aspects of professional practice in the field of Dermatology, Venereology and Andrology.
- a12. List the principles and fundamentals of quality of professional practice in the field of Dermatology, Venereology and Andrology.
- a13. Mention the mutual influence between professional practice and its impacts on the environment.
- a14. Summarize data, construct tables and graphs

b) Intellectual Skills:

By the end of the study of doctoral program in Dermatology, Venereology and Andrology the Graduate should be able to:

- b1. Integrate data acquired through history taking to reach a provisional diagnosis for various Dermatological, Venereal and Andrological problems.
- b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis for Dermatological, Venereal and Andrological problems.

- b3.** Identify Dermatological, Venereal and Andrological problems and find solutions.
- b4.** Analyze researches and issues related to Dermatology, Venereology and Andrology.
- b5.** Assess risk in professional practices in the field of Dermatology, Venereology and Andrology.
- b6.** Reconstruct professional decisions making in light of the available data.

c) Professional and Practical Skills:

By the end of the study of master program in Dermatology, Venereology and Andrology the Graduate should be able to:

- c1.** Enumerate of the basic and modern professional skills in the area of Dermatology, Venereology and Andrology.
- c2.** Perform physical examination of patients for dermatological and reproductive systems.
- c3.** Interpret the results of diagnostic procedures.
- c4.** Diagnose common illnesses.
- c5.** Recognize patients with life threatening dermatological conditions and initiate the proper management according to patient's needs.
- c6.** Write a treatment prescription.
- c7.** Write and evaluate clinical and semen reports.
- c8.** Perform basic diagnostic and therapeutic techniques and measures in this practice (skin biopsy, intracorporeal injections, intradermal injections using dermojet, electrocautery, etc)

d) General and Transferable Skills:

By the end of the study of master program in Dermatology, Venereology and Andrology the Graduate should be able to:

- d1.** Communicate effectively by all types of effective communication.
- d2.** Use information technology to serve the development of professional practice
- d3.** Assess himself/herself and identify personal learning needs.
- d4.** Use different sources to obtain information and knowledge.
- d5.** Work in a team, and manage time efficiently
- d6.** Use team's leadership in various professional contexts.
- d7.** Learn himself continuously.

4. Academic Standards:

Sohag Faculty of Medicine adopted the general National Academic Reference standards (NARS) provided by the national authority for quality assurance and accreditation of education (naqaae) for postgraduate programs. This was approved by the Faculty Council decree No.6854, in its session No.177 Dated:18/5/2009. Based on these NARS; Academic Reference Standards (ARS) were suggested for this program. These ARS were revised by external evaluator and approved by the Faculty Council decree No.7528, in its session No. 191, dated: 15/3/2010. The adoption of NARS and the suggested ARS were approved by University council decree No 587, in its session No.60. dated 26-12-2011.

5.

Curriculum Structure and Contents:

5.a- **Program duration:** 3 semesters (1.5 years).

5.b- **Program structure:**

5.b.i- No. of hours per week:

Subject	hours /week		
	Lectures	Practical	Clinical
First part:			
Physiology	3	2	---
Medical Microbiology & Immunology	3	2	----
Pathology	3	2	----
Biostatistic	1	2	----
Second part:			
Dermatology	4	---	5
Venereology & Andrology	3	----	3

code	Item	No	%	
b.i	Total credit hours	Compulsory	42	100
		Elective	0	0
		Optional	0	0
b.iii	credit hours of basic sciences courses	12	28.57	
b.iv	credit hours of courses of social sciences and humanities	0	0	
b.v	credit hours of specialized courses:	28	65.1	
b.vi	credit hours of other course	2	4.76	
b.viii	Program Levels (in credit-hours system):			
	Level 1: 1 st part	14	34.9	
	Level 2: 2 nd Part	28	65.1	

6. Program Courses: 5 courses are compulsory.

c.1- Level of program:

Course Title	No. of credit hours	No. of hours /week		Program ILOs Covered
		Lect.	Lab/ Clinical	
FIRST PART:				
a- Compulsory:				
Physiology	4	3	2	a.1, a.2, a.3, b.3, c.3, d.2
Medical Microbiology & Immunology	4	3	2	a.1, a.4, a.5, a.6, a.7, a.8, a.9, b.2, c.3, d.2
Pathology	4	3	2	a.1, a.2, a.3, a.4, a.6, a.8, b.3, c.4, d.2
Biostatistics	2 hr	1 hr	2 hr	a14, b3, c1, d3
SECOND PART:				
Dermatology	13	4	5	a.1, a.2, a.3, a.4, a.5, a.6, a.7, a.8, a.9, a.10, a.11, a.12, a.13, b.1, b.2, b.3, b.4, b.5, b.6, c.1, c.2, c.3,

				c.4, c.5, c.6, c.7, c.8, d.1, d.2, d.3, d.4, d.5, d.6, d.7
Venereology & Andrology	9	3	3	a.1, a.2, a.3, a.4, a.5, a.6, a.7, a.8, a.9, a.10, a.11, a.12, a.13, b.1, b.2, b.3, b.4, b.5, b.6, b.7, b.8, c.1, c.2, c.3, c.4, c.6, d.1, d.2, d.3, d.4, d.5, d.6, d.7

7. Program Admission Requirements:

I. General Requirements:

1. Candidates should have either:
 - a. MBChB Degree from any Egyptian Faculty of Medicine or
 - b. Equivalent Degree from Medical School abroad approved by the Ministry of Higher education
2. Candidates should complete the house officer training year.
3. Follow postgraduate regulatory rules of Sohag Faculty of Medicine.

8. Regulations for Progression and Program Completion:

Duration of program is 3 semesters (1.5years), starting from registration till the 2nd part exam; divided to:

First Part: (≥6 months=1 semester):

- Program-related basic sciences.
- 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% of the written exam).
- Those who fail in one curriculum need to re-exam it only.

Second Part: (≥12 months=2 semesters):

1. Program related specialized science of Dermatology, Venereology and Andrology Courses.
2. After passing at least:
 - 12 months training in the department of Dermatology, Venereology and Andrology.
 - Basic sciences departments: Actual work for 12 months as a trainee in the department of Dermatology, Venereology and Andrology.
 - The student should pass the 1st part before asking for examination in the 2nd part.
3. Two sets of exams: 1st in April— 2nd in October.
4. For the student to pass the second part exam, a score of at least 60% is needed (with at least 60% of the written exam, 50% of the oral, clinical and practical exam).

9. Methods of Student Assessments:

Method of assessment	The assessed ILOs
1-Research assignment	- General transferable skills, intellectual skills
2-Written Exams: -Short essay: 40%	- Knowledge

-structured questions: 25%	- Knowledge
-MCQs: 20%	- Knowledge, intellectual skills
-Commentary, Problem solving: 15%	- Intellectual skills, General transferable skills,
3-OSCE	-Practical skills, intellectual skills
4-Structured Oral Exams	- Knowledge

Assessment schedule:

Part I:

- Pathology and Medical Physiology: Written Exam (3 hours) + structured oral Exam.
- Medical Microbiology & Immunology Written Exam (2 hours) + structured oral Exam.
- Biostatistics Written Exam (2 hours) + structured oral Exam

Part II:

- Dermatology: Two Written Exam (3 hours) + OSCE + Structured oral Exam.
- Venereology & Andrology: Two Written Exam (3 hours) + OSCE + Structured oral Exam.

10. Evaluation of Program:

Evaluator	Tool	Sample
1- Senior students	Questionnaire	
2- Alumni	Questionnaire	
3- Stakeholders (Employers)	Questionnaire	
4- External Evaluator(s) (External Examiner(s))	Reports	
5- Other		

COURSE SPECIFICATIONS OF PATHOLOGY FOR DIPLOMA DEGREE IN DERMATOLOGY, VENEROLOGY AND ANDROLOGY

Sohag University

Faculty of Medicine

1. Program on which the course is given: Diploma Degree in Dermatology, Venereology and Andrology
2. Major or Minor element of program: Minor
3. Department offering the program: Department of Dermatology, Venereology and Andrology
4. Department offering the course: Department of Pathology
5. Academic year / Level: 1st part
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

A. Basic Information:

Title: Pathology

Code: PAT: 0507-100

Total hours:

Lectures:	Practical:	total hours	Credit hours
45	30	75	4

B. Professional Information:

1. Overall Aims of Course:

- By the end of the course, the post graduate students should be able to have the professional knowledge of the pathology of medical diseases.

2. Intended Learning Outcomes (ILOs):

a) Knowledge and Understanding:

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

Understand the abnormal structure, function, growth and development of human intugmentary and reproductive systems and natural history of

- a1.** Mention the normal structure of the human intugmentary and reproductive systems on the micro levels.
- a2.** List the normal growth and development of the human intugmentary and reproductive systems.
- a3.** List the abnormal structure, growth and development of human intugmentary and reproductive systems and natural history of various dermatological, venereal and andrological diseases.

a4. Mention the natural history of Dermatological, Venereal and Andrological problems from the pathological point of view with understanding the related basis of general and systemic pathology.

a5. Mention the causation of disease and disease pathogenesis and correlate gross and microscopic histopathology with the clinical features.

a6. Describe the scientific methods of establishing disease causation.

b) Intellectual Skills:

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

b1. Identify Dermatological, Venereal and Andrological problems and find solutions through histopathological features.

c) Professional and Practical Skills:

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

c1. Diagnose common illnesses with the aid of the macroscopic and microscopic criteria of the altered structure (pathology) of the body and its major organs and systems that are seen in various diseases related to Dermatology, venereology and Andrology.

d) General and Transferable Skills:

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

d1. Use information technology of Pathology to serve the development of professional practice

3. Course contents:

Topic	No. of hours	Lecture	Practical
<u>1- General Pathology:</u>			
1.1. Inflammation & repair.	3	2	1
1.2. Cell response to injury and aging.	3	2	1
1.3. Immunity and hypersensitivity.	3	2	1
1.4. Pigmentation.	3	2	1
1.5. Bacterial infection.	3	2	1
1.6. Tuberculosis.	3	2	1
1.7. Leprosy.	3	2	1
1.8. Viral diseases.	2	1	1
1.9. Mycotic diseases.	2	1	1
1.10. Protozoal diseases.	2	1	1
1.11. Vitamin deficiency.	2	1	1
1.12. Effect of ionizing irradiation.	2	1	1
<u>2- Male genital system:</u>			
2.1. Inflammation & infection.	3	2	1
2.2. Male infertility & testicular biopsy.	4	3	1
<u>3- Female genital system:</u>			
3.1. Inflammation & infections of the vulva, vagina & cervix uteri.	4	3	1
3.2. Mastitis & Paget's disease of the breast.	4	3	1
<u>4- Skin:</u>			
4.1. Introduction to dermatopathologic diagnosis.	4	2	2

4.2. Biopsy & laboratory techniques.	4	2	2
4.3. Dermatitis & dermatosis.	4	2	2
4.4. Discoid l lupus erythematosus & scleroderma.	4	2	2
4.5. Tumors & tumor like lesions of the skin.	4	2	2
4.6. Tumors of the epidermis & dermis	4	2	2
4.7. Tumors of skin appendages.	3	2	1
4.8. Nevi & melanomas.	2	1	1
Total:	75h	45 h	30h
Credit	4	3	1

4. Teaching and Learning Methods:

- 4.1- Lectures
- 4.2- Practical lessons (Gross and histopathology (Jars & slides))
- 4.3- Assignment

5. Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2- Written Exams:	- Knowledge
-Short essay: 40%	- Knowledge
-structured questions: 25%	- Knowledge, intellectual skills
-MCQs: 20%	- Intellectual skills, General transferable skills,
-Commentary, Problem solving: 15%	- Practical skills, intellectual skills
5.3-Structured Oral Exams	- Knowledge

Assessment Schedule:

Assessment 1: Final written exam week: 24-28

Assessment 2: Oral exam week: 24-28

Weighting of Assessments:

Final Written Examination	50 %
Oral Examination	50 %
Other types of assessment	0%
<u>Total</u>	<u>100%</u>

Formative only assessment: simple research assignment, attendance and absenteeism

6. List of References:

6.1- Course Notes:

Lecture notes prepared by the staff members in the department.

6.2- Essential Books (Text Books):

Principles of General and Special Pathology; Gamal Nada.

6.3- Recommended Books:

- Lever's Histopathology of skin.
- Muir's text book of pathology.
- Robbins pathologic basis of diseases.

- Rosai & Ackerman text book of pathology.
- Sternberg text book of pathology.

6.4- Periodicals: American journal of pathology:

Web Sites: <http://www.ncbi.nlm.nih.gov/pubmed/>
<http://www.uscap.com>

7. Facilities Required for Teaching and Learning:

- a. Library & textbooks.
- b. Computer & data show.
- c. Internet connection.

Course Coordinator: Dr. Fatma El Zahraa.

Head of Departments: Dr. Eman Muhammad Salah El Deen.

Date: 18/12/2011, **Revised:** 1/9/2012, **Revised:** 1/12/2013

COURSE SPECIFICATIONS OF MEDICAL PHYSIOLOGY FOR DIPLOMA DEGREE IN DERMATOLOGY, VENEROLOGY AND ANDROLOGY

University Sohag

Faculty of Medicine

1. Program on which the course is given: Diploma Degree in Dermatology, Venereology and Andrology
2. Major or Minor element of program: Minor
3. Department offering the program: Department of Dermatology, Venereology and Andrology
4. Department offering the course: Department of Medical Physiology
5. Academic year / Level: 1st part
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

A. Basic Information:

Title: Physiology
Code: PHY: 0507-200
Total hours:

Lectures	Practical	Total hours	Credit hours
45	30	75	4

B. Professional Information:

1. Overall Aims of Course:

- To prepare Dermatology, Venereology & andrology physician oriented with the physiology of skin & sweat glands also that of pain sensation, its receptors & disorders as itching sensation & hyperalgesia.
- It is very important to know the physiology of male reproductive system & its disorders.
- In addition, graduates should have enough knowledge about the autonomic nervous system, hypothalamic regulation, skin pigmentation in addition to the physiology of some endocrine glands as thyroid adrenal & pituitary also pancreas.

2. Intended Learning Outcomes (ILOs):

a) Knowledge and understanding:

By the end of this course, students should have adequate knowledge about:

- a1.** Mention the normal function of the human integumentary, endocrine and reproductive systems on the macro and micro levels.
- a2.** List the normal growth of the human integumentary and reproductive systems.
- a3.** Mention the abnormal, function, growth and of human integumentary and reproductive systems

b) Intellectual skills:

By the end of the course, the student is expected to be able to:

- b1.** Identify Dermatological, Venereal and Andrological problems and find solutions on physiological bases.

c) Professional and practical skills:

By the end of the course, the student is expected to:

- c1.** Interpret the results of diagnostic procedures on physiological bases.

d) General & transferable skills:

By the end of the course, the student is expected to:

- d1.** Use information technology of the functions of the integumentary and reproductive systems to serve the development of professional practice.

3. Course contents:

Topic	No. of hours	Lecture	Practical
Skin functions & sweat glands	5	5	-
The physiology of the autonomic nervous system	8	3	5
The physiology of male reproductive system & its disorders	6	6	-
Regulation of body temperature	11	6	5
Hypothalamic thermostat	5	5	-
Pain sensation, receptors & disorders	8	3	5
Itching sensation, hyperalgesia	10	5	5
Skin pigmentation	10	5	5
Thyroid, adrenal, pancreas & pituitary glands	12	7	5
Total	75 h	45 h	30 h
Credit	4	3	1

4. Teaching and Learning Methods:

4.1- Lectures

4.2- Practical lessons (Gross and histopathology (Jars & slides)

4.3- Assignment

5. Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exams:	- Knowledge
-Short essay: 40%	- Knowledge
-structured questions: 25%	- Knowledge, intellectual skills
-MCQs: 20%	- Intellectual skills, General transferable skills,
-Commentary, Problem solving: 15%	- Practical skills, intellectual skills
5.3-Structured Oral Exams	- Knowledge

Assessment Schedule:

Assessment 1: Final written exam week: 24-28
Assessment 2: Oral exam week: 24-28

Weighting of Assessments:

Final Written Examination	50 %
Oral Examination	50 %
<u>Other types of assessment</u>	<u>0%</u>
Total	100%

Formative only assessment: simple research assignment, attendance and absenteeism

6. List of References:

6.1- Course Notes

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Medical physiology books by Staff Members of the Department of Medical physiology, Assiut University.

6.3- Recommended Books

1. Gyton textbook of physiology
2. William F. Ganong: Review of Medical Physiology, 22nd Edition, McGraw-Hill Companies, 2005.

6.4- Periodicals, Web Sites, etc

1. American journal of physiology.
2. Journal of applied physiology.
3. Journal of clinical endocrinology and metabolism.
4. Physiological Review.

7. Facilities Required for Teaching and Learning:

- a. Library & textbooks.
- b. Computer & data show.
- c. Internet connection.

Course Coordinator: Dr. Hoda Mostafa

Head of Departments: Prof. Ahmed Mostafa.

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013

**COURSE SPECIFICATIONS OF MEDICAL MICROBIOLOGY &
IMMUNOLOGY FOR DIPLOMA DEGREE IN DERMATOLOGY,
VENEROLOGY AND ANDROLOGY**

Sohag University

Faculty of Medicine

1. Program on which the course is given: Diploma Degree in Dermatology, Venereology and Andrology
2. Major or Minor element of program: Minor
3. Department offering the program: Department of Dermatology, Venereology and Andrology
4. Department offering the course: Department of Medical Microbiology & Immunology
5. Academic year / Level: 1st part
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

A. Basic Information

Title: Microbiology
Code: MIC 0507-100
Total hours:

Lectures	Practical	Total hours	Credit hours
45	30	75	4

B. Professional Information

1. Overall Aims of Course:

By the end of the course the postgraduate student should be efficiently able to have basic knowledge of the microorganisms affecting human beings all over the world and particularly in Egypt , and learn to use the knowledge gained from applied microbiology to better understand the pathology, clinical symptoms, complications and the laboratory tests needed for diagnosis of each disease, in particular how to use microbiological testing in determining antibiotic prescription.

The student is also expected to acquire advanced knowledge about the structure and function of the immune system and the role of the immune system in health and disease.

2. Intended Learning Outcomes of Course (ILOs):

a) Knowledge and Understanding:

By the end of the course the student is expected to:

- c1.** Mention the normal structure and function of the immune system related to the human integumentary and reproductive systems
- c2.** Mention the natural history of Dermatological and Venereal problems caused by microbial pathogens.

- c3. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of dermatological and venereal illnesses that caused by microbial pathogens.
- c4. Mention the causation of disease and disease pathogenesis.
- c5. Enumerate methods of promoting health and preventing illness.
- c6. Describe the scientific methods of establishing disease causation.
- c7. List the various diagnostic and laboratory techniques necessary to establish diagnosis of various dermatological and venereal illnesses.

b) Intellectual Skills:

By the end of the course, the student is expected to:

- b1. Select from different diagnostic alternatives the ones that help reaching a final diagnosis for Dermatological and Venereal problems.

c) Professional and Practical Skills:

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

- c1. Interpret the results of diagnostic procedures.

d) General and Transferable Skills:

By the end of the course, the student should have the ability to:

- d1. Use information technology of microbiology and immunity to serve the development of professional practice.

3. Contents:

Topic	No. of hours	Lecture	Practical
<u>General Bacteriology</u>			
Bacterial anatomy & Physiology	5	3	2
Bacterial genetics	4	2	2
Recombinant DNA technology	3	2	1
Antibiotics	3	2	1
Sterilization & Disinfection	3	2	1
<u>Systematic Bacteriology</u>			
Gram +ve cocci	5	3	2
Gram –ve cocci	3	2	1
Gram +ve bacilli	4	2	2
Gram –ve bacilli	3	2	1
<u>General virology</u>	3	2	1
<u>Systematic Virology</u>			
RNA viruses	4	2	2
DNA viruses	4	2	2
<u>Mycology</u>			
Fungal classifications	5	3	2
Opportunistic mycosis& Antifungal drugs	4	2	2
<u>Immunology</u>			
Congenital & Acquired Immunity	3	2	1

Immunological Cells	3	2	1
Hypersensitivity	3	2	1
Transplantation	3	2	1
Tumor Immunology	3	2	1
Immunodeficiency	3	2	1
Applied Microbiology	4	2	2
Total	75h	45h	30h
Credit	4	3	1

4. Teaching and Learning Methods:

- 4.1- Lectures
- 4.2- Practical lessons
- 4.3- Assignment

5. Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2- Written Exams:	- Knowledge
- Short essay: 40%	- Knowledge
- structured questions: 25%	- Knowledge, intellectual skills
- MCQs: 20%	- Intellectual skills, General transferable skills,
- Commentary, Problem solving: 15%	- Practical skills, intellectual skills
5.3- Structured Oral Exams	- Knowledge

Assessment Schedule:

- Assessment 1: Final written exam week: 24-28
- Assessment 2: Oral exam week: 24-28

Weighting of Assessments:

Final Written Examination	50 %
Oral Examination	50 %
Other types of assessment	0%
Total	100%

Formative only assessment: simple research assignment, attendance and absenteeism.

6. List of References:

6.1- Course Notes:

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books):

Medical microbiology and immunology by Prof. Abla El-meshad

6.3- Recommended Books:

- Jawetz Medical Microbiology.
- Roitt Essential Immunology.
- Abbas Clinical Immunology
- Alberts Molecular Biology

A coloured Atlas of Microbiology.
Topley and Wilson, Microbiology

6.4- Periodicals, Web Sites, ... etc

Microbiology

Immunology

<http://mic.sgmjournals.org/>

7. Facilities Required for Teaching and Learning:

- a. Library & textbooks.
- b. Computer & data show.
- c. Internet connection.

Course Coordinator: Dr. Hoda Mostafa

Head of Department: Dr. Abeer Shenaf Mohamed.

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013

Course Specification of Applied Biostatistics for Diploma degree of Dermatology, Venereology & Andrology

University: Sohag

Faculty: Medicine

1. Program on which the course is given: Dermatology, Venereology, and Andrology Department.
2. Minor or major element of the program: minor.
3. Department offering the program: Dermatology, Venereology, and Andrology Department.
4. Department offering the course: Community Medicine and public Health Dep.
5. Academic year: diploma Degree 1st part.
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

A. Basic Information

Title: Course Specification of Applied biostatistics For Diploma of Dermatology, Venereology, and Andrology Department.

Code: COM 0507-100

Title	lecture	practical	total	credit
applied biostatistics	15	30	45	2

B. Professional Information

1. Overall Aims of Course

To use precisely computer programs and Applied biostatistics

2. Intended Learning Outcomes of Courses (ILOs)

a) **Knowledge and understanding:**

By the end of the course, the student is expected to be able to:

- a1. List different programs of analysis of data and statistical packages
- a2. Define the recent advances of sources of data and methods of collection.
- a3. Summarize data, construct tables and graphs
- a4. Calculate measures of central tendency and measures of dispersion
- a5. Describe the normal curves and its uses
- a6. Illustrate selected tests of significance and the inferences obtained from such tests
- a7. Illustrate selected tests of significance for parametric and non parametric inferences
- a8. Identify factor analysis and discrimination analysis

b) **Intellectual Skills**

By the end of the course, the student is expected to be allowed to:
 b1. Describe how to collect and verify data from different sources
 b2. Interpret data to diagnose prevalent problems related to the field of anatomy

c) Professional and Practical Skills:

By the end of the course, the student is expected to practice the following:

c1. Perform recent advanced technological methods in collection, analysis and interpretation of data and in management of prevalent problems related to the field of Dermatology, Venereology, and Andrology Department.

d) General and Transferable Skills:

By the end of the course, the student is expected to be able to:

- d1. Use appropriate computer program packages.
- d2. Use of different sources for information and knowledge about biostatistics.

3. Contents

Topic	No. of hours	Lecture	Tutorial/Practical
Recent advances in collection, analysis and interpretation of data	3	1	2
-Details of Tests of significance: Proportion test	4	1	3
Chi-square test	4	1	3
Student T test	4.5	1.5	3
Paired T test	4.5	1.5	3
-Correlation	4.5	1.5	3
-Regression	4.5	1.5	3
-ANOVA test	4.5	1.5	3
-Discrimination analysis	4.5	1.5	3
Factor analysis	3.5	1.5	2
- parametric and non parametric tests	3.5	1.5	2
Total	45	15	30
Credit	2	1	1

4. Teaching and Learning Methods

- 4.1- Lectures
- 4.2- Practical sessions
- 4.3- Computer search assignments
- 4.4- Computer application

5. Student Assessment Methods

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exam: -Short essay: 40% -structured questions: 25% -MCQs: 20% -Commentary, Problem solving: 15%	- Knowledge - Knowledge - Knowledge, intellectual skills - Intellectual skills, General transferable skills,
5.3-Structured Oral Exam	- Knowledge, Intellectual skills, General transferable skills
5.4 Computer search assignment	-General transferable skills, intellectual skills

Assessment Schedule

Assessment 1	Final written exam	Week: 24
Assessment 2	Final Structured Oral Exam	Week: 24
Assessment 3	Attendance and absenteeism throughout the course	
Assessment 4	Computer search assignment performance throughout the course	

Weighting of Assessments

Final-term written examination	50	%
Final Structured Oral Exam	50	%
Total	100	%

Formative only assessments: attendance and absenteeism and Computer search assignments performance.

6. List of References

6.1-Course Notes

Lectures notes prepared by the staff members in the department

6.2- Essential Books (Text Books)

1. Maxy-Rosenau Public health and preventive medicine, Prentice – Hall International Inc.

6.3- Recommended Books

1. Dimensions of Community Health, Boston Burr Ridge Dubuque.
2. Short Textbook of preventive and social Medicine. Prentice-Hall International Inc.
3. Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.

6.4- Periodicals, Web Sites; etc

1. American Journal of Epidemiology
2. British Journal of Epidemiology and Community Health
3. WWW. CDC and WHO sites

7. Facilities Required for Teaching and Learning:

1. Adequate infrastructure includes teaching places(teaching class, teaching halls, teaching laboratory)comfortable desks, good source of aerations, bathrooms, good illumination and safety and security tools.
2. Teaching tools: includes screens, computers cd(r-w) data shows, projectors, flip charts, white boards, video players, digital video scanners, copier, colour and laser printers
3. Computer programs: for designing and evaluating MCQS.

Course Coordinator: Dr/ Dr/Ahmed Fathy

Head of Department: Prof/Eman Abd El-Baset Mohammed

Date: 18/12/2011, **Revised:**1/9/2012, **Revised:**1/12/2013

COURSE SPECIFICATION OF DERMATOLOGY, VENEROLOGY AND ANDROLOGY FOR DIPLOMA DEGREE IN DERMATOLOGY, VENEROLOGY AND ANDROLOGY

Sohag University

Faculty of Medicine

1. Program on which the course is given: Diploma degree of Dermatology, Venereology and Andrology (2nd part).
2. Major or Minor element of program: Major
3. Department offering the program: Dermatology, Venereology, and Andrology Department.
4. Department offering the course: Dermatology, Venereology, and Andrology Department.
5. Academic year / Level: 2nd part
6. Date of specification approval: Faculty council No. "250", decree No. "1378" dated 28/12/2013

A. Basic Information

Title: Dermatology & Venereology, and Andrology Course for diploma degree (Second part)

Code: DER 0507-100

Total hours:

Module	Lectures	Practical	Credit hour
Dermatolgogy Venereology & Andrology	210	420	28

B. Professional Information:

1. Overall Aims of Course:

Dermatology module:

By the end of the course and training, the graduates should be able to:

- 1- Properly describe a dermatology case using the terminology accepted by dermatologists in order to be able to communicate with colleagues and consultants in the field.
- 2- Diagnose and effectively treat skin diseases prevalent in the community or those of public health importance.
- 3- Be able to carry out specialist assessment and management of a patient presenting with a dermatosis in both an inpatient and outpatient hospital setting
- 4- Be able to evaluate patients for contact urticaria and type I hypersensitivity and perform prick testing safely.
- 5- Be able to diagnose and manage patients with a photosensitive disease.

Venereology & Andrology module:

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

1. Diagnose and treat STDs prevalent in the community.

2. Be aware of the changing pattern of STDs during the last three decades, their epidemiology and the factors contributing to increased prevalence.
3. Knows the causes, diagnosis and treatment of male infertility
4. Define causes, diagnostic procedures and treatment options of male sexual dysfunction.
5. Diagnose and treat female sexual dysfunction.

2. Intended Learning Outcomes of Course (ILOs)

Dermatology module:

a) Knowledge and Understanding:

By the end of the course, the graduate is expected to gain knowledge and understanding of:

- a1. Mention the normal structure and function of the human integumentary system on the macro and micro levels.
- a2. Mention the normal growth and development of the human integumentary system.
- a3. Mention the abnormal structure, function, growth and development of human integumentary system and natural history of various dermatological diseases.
- a4. Mention the natural history of Dermatological problems.
- a5. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of dermatological illnesses.
- a6. Mention the causation of disease and disease pathogenesis.
- a7. Enumerate methods of promoting health and preventing illness.
- a8. Describe the scientific methods of establishing disease causation of dermatological illnesses.
- a9. List the various diagnostic and laboratory techniques necessary to establish diagnosis of various dermatological illnesses.
- a10. List the various therapeutic methods /alternatives used for various dermatological illnesses .
- a11. Mention the ethical and legal aspects of professional practice in the field of Dermatology.
- a12. Mention the principles and fundamentals of quality of professional practice in the field of Dermatology, Venereology and Andrology.
- a13. Describe the mutual influence between professional practice and its impacts on the environment.

b) Intellectual Skills:

By the end of the course, the student is expected to be able to:

- b1. Integrate data acquired through history taking to reach a provisional diagnosis for various Dermatological problems
- b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis for Dermatological problems .
- b3. Identify Dermatological problems and find solutions.
- b4. Analyze researches and issues related to Dermatology.
- b5. Assess risk in professional practices in the field of Dermatology.
- b6. Reconstruct professional decisions making in light of the available data.

c) Professional and Practical Skills:

By the end of the course in department of Dermatology, the graduate is expected to be able to:

- c1. Master of the basic and modern professional skills in the area of Dermatology.
- c2. Perform physical examination of patients for dermatological system.
- c3. Interpret the results of diagnostic procedures.
- c4. Diagnose common illnesses.
- c5. Recognize patients with life threatening dermatological conditions and initiate the proper management according to patient's needs.
- c6. Write a treatment prescription.
- c7. Write and evaluate clinical reports.
- c8. Perform basic diagnostic and therapeutic techniques and measures in this practice (skin biopsy, intradermal injections using dermojet, electrocautery, etc.....)

d) General and Transferable Skills:

By the end of the course, students are expected to be able to:

- d1. Communicate effectively by all types of effective communication.
- d2. Use information technology to serve the development of professional practice
- d3. Assess himself/herself and identify personal learning needs.
- d4. Use different sources to obtain information and knowledge.
- d5. Work in a team, and manage time efficiently
- d6. Use team's leadership in various professional contexts.
- d7. Learn himself/ herself continuously.

Venereology & Andrology module:

a) Knowledge and Understanding:

By the end of the course, the graduate is expected to be able to:

- a1. Mention the normal structure and function of the human reproductive system on the macro and micro levels.
- a2. Mention the normal growth and development of the human reproductive system.
- a3. Mention the abnormal structure, function, growth and development of human reproductive system and natural history of various venereal and andrological diseases.
- a4. Mention the natural history of Venereal and Andrological problems.
- a5. Enumerate the common diagnostic and laboratory techniques necessary to establish diagnosis of venereal and andrological illnesses.
- a6. Mention the causation of disease and disease pathogenesis.
- a7. Enumerate methods of promoting health and preventing illness.
- a8. Describe the scientific methods of establishing disease causation of venereal and andrological illnesses.
- a9. List the various diagnostic and laboratory techniques necessary to establish diagnosis of various venereal and andrological illnesses.
- a10. List the various therapeutic methods /alternatives used for various venereal and andrological illnesses
- a11. Mention the ethical and legal aspects of professional practice in the field of Venereology and Andrology.

a12. Mention the principles and fundamentals of quality of professional practice in the field of Venereology and Andrology.

a13. Mention the mutual influence between professional practice and its impacts on the environment.

b) Intellectual Skills:

By the end of the course, the graduate is expected to be able to:

b1. Integrate data acquired through history taking to reach a provisional diagnosis for various Venereal and Andrological problems .

b2. Select from different diagnostic alternatives the ones that help reaching a final diagnosis for Venereal and Andrological problems .

b3. Identify Venereal and Andrological problems and find solutions.

b4. Analyze researches and issues related to Venereology and Andrology.

b5. Assess risk in professional practices in the field of Venereology and Andrology.

b6. Reconstruct professional decisions making in light of the available data.

c) Professional and Practical Skills:

By the end of the course, the graduate is expected to be able to:

c1. Master of the basic and modern professional skills in the area of Venereology and Andrology.

c2. Perform physical examination of patients for reproductive systems.

c3. Interpret the results of diagnostic procedures.

c4. Diagnose common illnesses.

c5. Write a treatment prescription.

c6. Write and evaluate semen reports.

c7. Perform basic diagnostic and therapeutic techniques and measures in this practice (semen analysis, intracorporeal injections etc.....)

d) General and Transferable Skills:

By the end of the course, students are expected to be able to:

d1. Communicate effectively by all types of effective communication.

d2. Use information technology to serve the development of professional practice

d3. Assess himself/herself and identify personal learning needs.

d4. Use different sources to obtain information and knowledge.

d5. Work in a team, and manage time efficiently

d6. Use team's leadership in various professional contexts.

d7. Learn himself continuously

3. Contents:
Dermatology module:

Topic	No. of hours	Lecture	Practical
Anatomy and functions of skin	5	2	3
Ethical & legal aspects and fundamentals of quality of professional practice in Dermatology	2	2	
Diagnosis of skin disease	8	2	6
Pathological diagnosis of skin diseases	6	3	3
Molecular biology and basic genetics	5	3	2
Cutaneous pyogenic infections	4	3	1
Cutaneous viral infections	12	3	9
Mycology	13	5	8
Parasitic skin diseases	8	3	5
Mycobacterial Infections	8	3	5
Eczema (Dermatitis)	13	3	10
Papulo-Squamous diseases	11	3	8
Connective tissue disorders	12	4	8
Disorders of sebaceous glands	6	4	2
Disorders of sweat glands	7	3	4
Pigmentary disorders	10	4	6
Diseases of Hair and nails	8	4	4
Genodermatosis	6	3	3
Blistering dermatosis	15	5	10
Non-infectious granulomas	6	4	2
Photodermatosis	6	4	2
Cutaneous vascular diseases	7	4	3
Tumors of the skin	14	6	8
Cutaneous lymphomas	7	4	3
Mastocytosis and histiocytosis	6	3	3
Cutaneous drug reactions	10	5	5
Skin and systemic diseases	9	5	4
Neonatal dermatology	7	5	2
Pruritis and prurigo	6	5	1
Disorders of keratinization	9	3	6
Dermatological surgery	12	5	7
Topical and systemic therapy	12	5	7
<u>Venereology & Andrology module:</u>			
Introduction	2	2	-
Ethical & legal aspects of professional practice	2	2	-
Principles of quality of professional practice	2	2	-
Anatomy of genital organs	12	6	6
Physiology of erection and ejaculation	12	6	6
Male sexual dysfunction	37	15	22
Female sexual dysfunction	12	6	6

Semen evaluation	11	7	4
Male infertility	18	12	6
Male urethral discharge	20	10	10
Vaginal infection	10	5	5
Syphilis	10	5	5
Genital ulcers	9	4	5
HIV	14	4	10
Genital dermatosis	9	4	5
Attend a clinical study in the Department of Dermatology and Venereology Medicine masculinity.	90	--	90
Radiation therapy and medical electricity.	90	---	90
Total	210	210	420
Credit	28	14	14

4. Teaching and Learning Methods:

- 4.1- Lectures
- 4.2- Clinical / practical lessons
- 4.3- Assignment
- 4.4- Attending and participating in scientific conferences, workshops and thesis discussion to acquire the general and transferable skills needed

5. Student Assessment Methods:

Method of assessment	The assessed ILOs
5.1- Observation of attendance and absenteeism.	- General transferable skills, intellectual skills
5.2-Written Exams:	- Knowledge
-Short essay: 40%	- Knowledge
-structured questions: 25%	- Knowledge, intellectual skills
-MCQs: 20%	- Intellectual skills, General transferable skills,
-Commentary, Problem solving: 15%	- Practical skills, intellectual skills
5.3-Structured Oral Exams	- Knowledge

Assessment Schedule:

Assessment 1: Final written exam	week: 48-50
Assessment 2: Oral exam	week: 48-50
Assessment 3: Clinical exam	week: 48-50

Weighting of Assessments

Written Examination	50 %
Clinical Examination	30 %
Oral Examination	20%
Other types of assessment	0 %
Total	100%

Formative only assessment: simple research assignment, attendance and absenteeism

6. List of References:

Dermatology module:

6.1- Course Notes:

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books):

Andrews text book of dermatology

6.3- Recommended Books:

Rook`s text book of dermatology

Lever`s text book of histopathology

6.4- Periodicals and Web Sites:

Journal of American Academy of Dermatology

Clinics in dermatology

International journal of dermatology

British journal of dermatology

www.Sciencedirect.com

www.pubmed.com

www.Freebooks4doctors.com

www.medescape.com

Venereology & Andrology module:

6.1- Course Notes

Lectures notes prepared by staff members in the department.

6.2- Essential Books (Text Books)

Text book of Andrology by Dr. Ashraf Fayeze

6.3- Recommended Books

Text book of Erectile dysfunction

6.4- Periodicals and Web Sites:

Journal of urology

Fertility and Sterility

British journal of urology

Asian Journal of Andrology

www.Sciencedirect.com

www.pubmed.com

www.Freebooks4doctors.com

www.medescape.com

7. Facilities Required for Teaching and Learning:

- Adequate infrastructure including: teaching rooms, comfortable desks.
- Teaching tools including screen, slide Projector, computer and data show.
- Laboratory microscopes.

Course Coordinador: Dr.Reham Ezz Eldawla

Head of Department: Prof/ Ramdan Saleh Abdh

Date: 18/12/2011, Revised:1/9/2012, Revised:1/12/2013