



جامعة بنها
كلية الطب البشرى
قسم الصحة العامة والطب الوقائي والاجتماعى

Program Specification of Diploma Degree of Public Health, Preventive, and
Social Medicine
(2013-2014)

Basic Information:

1. **Program title:** Diploma degree in Public Health , Preventive and Social Medicine.
2. **Program type:** Multiple.
3. **Responsible departments:** Public Health , Preventive and Social Medicine.
4. **Sharing departments:** Microbiology, Parasitology and Neuropsychiatry department
5. **Responsible for the program:** Prof. Dr. Osama Mohammed Wassif; Prof. of Public Health and Community.
6. **Internal evaluator:** Prof.Dr. Rabaa abdelhady Elanwar; Prof. of Public Health and Community.
7. **External evaluator:** Prof. Dr. Adel abdelghfar ; Prof. of Public Health and Community Medicine.
8. **Last date of approval of program specification:**
 - ✓ Department council: 8/9/2013
 - ✓ Faculty council 15/9/2013

Professional information

1- Program aims:

This program aims to provide a comprehensive introduction to public health for students who intend to pursue careers in public health practice, management at local and national levels. It offers a cutting-edge knowledge and skills in the principles of epidemiology and environmental health problems through:



- 1.1 Development of skills to design, analyse, interpret and evaluate/criticise epidemiological and biomedical research.
- 1.2 Demonstration an understanding of the essential principles of biostatistical methods and its application in prioritization of community problems.
- 1.3 Identification of chronic disease epidemiology, infectious disease epidemiology and environmental exposure.
- 1.4 Demonstration of skills in report writing and communication.
- 1.5 Demonstration of Skills for health intervention planning; health systems, policy and financing and, health economics.
- 1.6 Participation in community development and protection of the environment

2-Intended Learning Outcomes (ILOS):

2.a. Knowledge and Understanding

On successful completion of the program, the graduate will be able to:

- 2.a.1 **Demonstrate** knowledge and understanding of the fundamental concepts and methods of epidemiology, and their application in public health.
- 2.a.2 **Recognize** principles and basics of quality & administration of health services.
- 2.a.3 **Outline** the effect of human activities on environment and how to protect it.
- 2.a.4 **Understand** research methodology.
- 2.a.5 **Explain** the main contribution of health economic and burden of diseases.
- 2.a.6 **Identify** different vulnerable groups in the community & their specific problems.
- 2.a.7 **Know** the principles of nutrition & nutritional disorders



2.b. Intellectual Skills:

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On successful completion of the program, the graduate will be able to:

- 2.b.1 **classify** community problems according to its priority.
- 2.b.2 **Interpret** results of research and subjects related to clinical practice.
- 2.b.3 **Evaluate** provided health services for different community groups.

2.c. Practical and professional Skills:

On successful completion of the program, the graduate will be able to:

- 2.c.1 **Apply** practical skills in special field like communication & leadership skills.
- 2.c.2 **Perform** simple statistical analysis of data
- 2.c.3 **Apply** prevention & control measures for special problems in clinical practice.

2.d. General and transferable skills:-

On successful completion of the program, the graduate will be able to

- 2.d.1 **Communicate** effectively communication and use discussion skills in a written and oral context.
- 2.d.2 **Utilize** problem solving skills in a range of situations.
- 2.d.3 **Manage** their own learning, including working effectively to deadlines.
- 2.d.4 **Work** as a team member or lead the team.
- 2.d.5 **Manage** time efficiently.
- 2.d.6 **Show** effective community participation



3- Academic Standards

- Academic Standards of Diploma Program of Public Health ,Preventive and Social Medicine, approved in department council no. (24٤) date ٨ / ٩ / 2013 and in faculty council no. (356) date 15 / 9 / 2013 (ملحق ١).

4- Reference standards (Benchmarks)

4- العلامات المرجعية:

- Academic reference standards (ARS), Diploma Program (March 2009, which were issued by the National Authority for Quality Assurance & Accreditation of Education NAQAAE(ملحق ٢)

5- Program structure and contents

5 - هيكل ومكونات البرنامج:

أ - مدة البرنامج :

Program duration: ٣ semesters

- **1st part:** - One semester (6 months).
- **2nd part:** - Two semester (one year)

Program structure

ب - هيكل البرنامج:

Total hours of compulsory courses of the program : 36 credit hours

- **Total hours of program ٣٦ credit hours**
- **Theoretical:** ١٤ credit hours
- **Practical:** ١٠ credit hours
- **University and faculty requirements:** ٧ credit hours
- **Logbook:** 5 credit hours
- **Selective courses:** None
- **Elective courses:** None



ج- مستويات ومقررات البرنامج:

Program courses

| الساعات المعتمدة | الكود | المقررات | البند |
|---|----------|---|---------------|
| ٧ ساعات | UNIV 601 | للجامعة والكلية | متطلبات |
| ٧ ساعات | | يشمل الآتي: | الجزء الأول |
| ٢ ساعة | COMM 601 | دراسة البيئة وعلاقتها بالصحة العامة (مقرر علمي وعملي) | |
| ١ ساعة | COMM 602 | أسس التغذية والتقييم الغذائي (مقرر علمي) | |
| ١.٥ ساعة | COMM 603 | البكتريولوجيا (مقرر علمي وعملي) | |
| ١.٥ ساعة | COMM 604 | الطفيليات (مقرر علمي وعملي) | |
| ١ ساعة | COMM 605 | سيكولوجي (مقرر علمي) | |
| ٥ ساعات | | تسجل بها أنشطة مثل حضور الندوات والمؤتمرات والدورات التدريبية وإجراء أبحاث إضافية | كراسة الأنشطة |
| ١٧ ساعة | | يشمل الآتي: | الجزء الثاني |
| ٢ ساعة | COMM 606 | خدمة الدراسات الوبائية والإحصاء الطبي (مقرر علمي وعملي) | |
| ١ ساعة | COMM 607 | الدراسات السكانية (مقرر علمي) | |
| ٤ ساعات | COMM 608 | وبائيات الأمراض والوقاية والمكافحة (مقرر علمي وعملي) | |
| ٥ ساعات | COMM 609 | دراسة المشكلات الصحية وأنواع الخدمات للفئات المختلفة وتشمل رعاية الأمومة والطفولة الصحة المدرسية، الصحة الريفية ، صحة المسنين الصحة العمالية وغيرها (مقرر علمي وعملي) | |
| ١ ساعة | COMM 610 | إقتصاديات الصحة | |
| ١.٥ ساعة | COMM 611 | المشكلات الغذائية وأسلوب الوقاية منها (مقرر علمي وعملي) | |
| ١.٥ ساعة | COMM 612 | إدارة الخدمات الصحية (مقرر علمي وعملي) | |
| ١ ساعة | COMM 613 | مقرر علمي في فروع الصحة العامة الأخرى (دراسة تخصصية) | |
| 36 ساعة | | | الإجمالي |
| <p>ساعة واحدة معتمدة = ساعة واحدة نظري أسبوعياً لمدة فصل دراسي (١٥ أسبوع) أي ١٥ ساعة محاضرات نظرية في الفصل الدراسي. او = ثلاث ساعات تدريب عملي لمدة ١٥ أسبوع أي ٤٥ ساعة في الفصل الدراسي. في المقررات غير مادة التخصص في الجزء الأول للماجستير والدبلوم تقرر أن يكون إحتساب نصف ساعة معتمدة تساوي ساعة نظري أسبوعياً لمدة فصل دراسي.</p> | | | |



First part (one semester):

| Course Title | Course Code | NO. of Teaching hours | | | Total teaching hours/ One Semester |
|-------------------------------------|-------------|-----------------------|-----------|-----------------|------------------------------------|
| | | Theoretical | Practical | Total h /W | |
| دراسة البيئة وعلاقتها بالصحة العامة | COMM 601 | 1 | 1 | (1x15)+(1x3x15) | 60 hours |
| أسس التغذية والتقييم الغذائي | COMM 602 | 1 | - | 1x15 | 15 hours |
| البكتريولوجيا | COMM 603 | 1 | 0.5 | (1x15)+(1x15) | 30 hours |
| الطفيليات | COMM 604 | 1 | 0.5 | (1x15)+(1x15) | 30 hours |
| سيكولوجي | COMM 605 | 1 | - | 1x15 | 15 hours |
| Total: | | 5 | 2 | 7 | 150 hours |

Second part (2 semesters):

| Course Title | Course Code | NO. of Teaching | | | Total teaching hours / 2 semesters |
|---|-------------|-----------------|-----------|-------------------|------------------------------------|
| | | Theoretical | Practical | Total/W | |
| خدمة الدراسات الوبائية والإحصاء الطبي | COMM 606 | 1 | 1 | (1x15)+(1x3x15) | 60 hours |
| الدراسات السكانية | COMM 607 | 1 | - | 1x15 | 15hours |
| وبائيات الأمراض والوقاية والمكافحة | COMM 608 | 3 | 1 | (3 x15)+(1x3x15) | 90 hours |
| دراسة المشكلات الصحية وأنواع الخدمات للفئات المختلفة وتشمل رعاية الأمومة والطفولة والصحة المدرسية، الصحة الريفية، صحة المسنين الصحة العمالية وغيرها | COMM 609 | 4 | 1 | (4x15)+(1x3x15) | 105 hours |
| إقتصاديات الصحة | COMM 610 | 1 | - | 1x15 | 15 hours |
| المشكلات الغذائية وأسلوب الوقاية منها | COMM 611 | 1 | 0.5 | (1x15)+(0.5x3x15) | 37.5hours |
| إدارة الخدمات الصحية | COMM 612 | 1 | 0.5 | (1x15)+(0.5x3x15) | 37.5 hours |



| | | | | | |
|---------------------------------------|----------|-----------|----------|-----------|------------------|
| مقرر علمي في فروع الصحة العامة الأخرى | COMM 613 | 1 | - | 1x15 | 15 hours |
| Total | | 12 | 5 | 17 | 285 hours |

٦- محتويات المقررات

| Courses of the First part | | | Credit hours | | |
|---------------------------|----------|---|-----------------------|--------------------|-------|
| Course name | Code | Contents | Lectures | Tutorial/Practical | Total |
| Environmental Health | COMM 601 | Physical hazards Air pollution Food sanitation Water sanitation Waste disposal Insect & rodent control | 1 | 1 | 2 |
| Nutrition | COMM 602 | Basic elements of nutrition Food additives Nutritional assessment Therapeutic nutrition | 1 | - | 1 |
| Microbiology | COMM 603 | General microbiology special microbiology immunology Virology | 1 | 0.5 | 1.5 |
| Parasitology | COMM 604 | Trematodes Cestodes Nematodes Protozoa Entomology Far East Trematodes Parasitological techniques Immunology. | 1 | 0.5 | 1.5 |
| Psychology | COMM 605 | Motivation Leadership Communication | 1 | - | 1 |
| Total | | | 7 credit hours | | |



Courses of the second part

| Course name | Code | Contents | Lectures | Tutorial/Practical | Total |
|-----------------------|----------|---|----------|--------------------|-------|
| Medical statistics | COMM 606 | Types of data Collection of data Presentation of data (tabular & graphic) Summarization of data Analysis of data Hypothesis testing Interpretation of data. Ethics of research | 1 | 1 | 2 |
| Demography | COMM 607 | Census Population pyramid Demographic transition Overpopulation problem Biostatistics & vital rates | 1 | - | 1 |
| Epidemiology | COMM 608 | General epidemiology Epidemiology of Communicable & non communicable diseases | 3 | 1 | 4 |
| Health services | COMM 609 | Maternal & child health services School health services Adolescent health services Rural health services Geriatric health services Occupational health services Mental health | 4 | 1 | 5 |
| Health economics | COMM 610 | Disease burden | 1 | - | 1 |
| Nutritional disorders | COMM 611 | Malnutrition Obesity | 1 | 0.5 | 1.5 |
| Administration | COMM 612 | POSDCORB | 1 | 0.5 | 1.5 |



| | | | | | |
|----------------|------------------------|---|---|---|---|
| | | Evaluation Quality assurance Total quality management Hospital administration Communication Leadership | | | |
| Special Topics | COMM 613 | Recent topics related to Community Medicine | 1 | - | 1 |
| Total | 17 credit hours | | | | |

7-Program admission requirements : ٧ - متطلبات الإلتحاق بالبرنامج :

يشترط في قيد الطالب لدرجة دبلوم الصحة العامة وطب المجتمع:

- أ- أن يكون حاصلًا على درجة البكالوريوس في الطب والجراحة من إحدى جامعات ج.م.ع أو على درجة معادلة لها من معهد علمي معترف به من الجامعة بتقدير جيد على الأقل.
- ب- أن يكون قد أمضى السنة التدريبية أو ما يعادلها (سنة الامتياز)
- ج- أن يتفرغ للدراسة لمدة سنة على الأقل في الجزء الثاني (فصلين دراسيين)
- د- يكون التقدم للقيد لدرجة الدبلوم مرة واحدة في السنة خلال شهري يوليو وأغسطس من كل عام

٨ - القواعد المنظمة لإستكمال البرنامج :

يشترط في الطالب لنيل درجة دبلوم الصحة العامة وطب المجتمع

- أ- حضور المقررات الدراسية واللقاءات العلمية بصفة مرضية طبقًا للساعات المعتمدة.
- ب- ينبغي أن يمر ستة أشهر بعد التسجيل لدرجة الدبلوم حتى يسمح للطالب بالتقدم لامتحان الجزء الأول (دور مايو أو أكتوبر)
- ت- يحق للطالب التقدم لامتحان الجزء الثاني بعد عام ونصف من التسجيل لدرجة الدبلوم بشرط النجاح في الجزء الأول
- ث- يحتاج الطالب أن ينجح بنسبة ٦٠٪ على الأقل في الامتحان التحريري للسماح لهم بدخول الامتحان الشفوي.
- ج- يسمح للطالب بدخول امتحان شفوي ٤ مرات قبل إعادة حضور الامتحان التحريري.



9 - Students Assessment Methods

٩ - طرق وقواعد تقييم المتحقين بالبرنامج

| م | الطريقة | ما تقيسه من مخرجات التعلم المستهدفة |
|---|-----------------------|--|
| 1 | Written examination | To assess knowledge and understanding & intellectual skills: From 2.a.1.....2.a.٧. and 2. b.1.....2.b.٣. and 2.c.3.....2.c.٢ |
| 2 | Oral examination | To assess knowledge and understanding, intellectual skills & General & transferable skills From 2.a.1...to....2.a.٧ 2.b.1...to...2.b.٣ 2.d.1 |
| ٣ | Practical examination | To assess knowledge and understanding, intellectual skills, General & transferable skills and practical & professional skills 2.a.1..... 2.a.٧ and 2. b.1.....2.b.٣ 2.c.١ 2.d.1...to ..2.d.٦. |

First part

| إجمالي | الدرجة | | | | الاختبار | المقرر |
|--------|----------|------|------|--------|---|---|
| | إكلينيكي | عملي | شفهي | تحريري | | |
| ٢٠٠ | | ٥٠ | ٥٠ | ١٠٠ | اختبار تحريري مدته ثلاث ساعات + اختبار شفهي + تقرير عن زيارة ميدانية | دراسة البيئة وعلاقتها بالصحة العامة وأسس التغذية والتقييم الغذائي |
| 50 | | ١٠ | ١٥ | ٢٥ | اختبار تحريري مدته ساعتين + اختبار شفهي | البكتريولوجيا |
| ٥٠ | | ١٠ | ١٥ | ٢٥ | اختبار تحريري مدته ثلاث ساعات + اختبار شفهي | الطفيليات |
| 100 | | | 50 | 50 | اختبار تحريري مدته ساعة + اختبار شفهي | سيكولوجي |
| 4٠٠ | | | | | | إجمالي الدرجة |



Second part

| إجمالي | الدرجة | | | الاختبار | المقرر | |
|--------|--------|----------|------|----------|---|--|
| | عملي | إكلينيكي | شفهي | | | |
| ٢٠٠ | | ٥٠ | ٥٠ | ١٠٠ | اختبار تحريري مدة ثلاث ساعات + اختبار شفهي+امتحان statistical problem solving | الاحصاء الطبي والسكان |
| ١٥٠ | | | ٥٠ | ١٠٠ | اختبار تحريري مدة ثلاث ساعات + اختبار شفهي | وبائيات الأمراض والوقاية والمكافحة و المشكلات الغذائية وأسلوب الوقاية منها |
| ٢٥٠ | | | ١٠٠ | ١٥٠ | اختبار تحريري مدة ثلاث ساعات + اختبار شفهي | دراسة المشكلات الصحية و إدارة الخدمات الصحية و اقتصاديات الصحة والبيئة |
| 600 | | | | | | إجمالي الدرجة |

10- Evaluation of Program:

١٠ - طرق تقويم البرنامج:

| Evaluator | Tools |
|-----------------------------------|--|
| Internal evaluator (s) مقيم داخلي | Reviewing according to internal evaluator checklist report of NAQAA |
| External Evaluator (s) مقيم خارجي | Reviewing according to external evaluator checklist report of NAQAA. |
| Postgraduate student (s) | Interview, questionnaires |
| Alumni | Interview, questionnaires |
| Stakeholder (s) | Interview, questionnaires |

١١ - استراتيجيات التعليم و التعلم علي مستوي البرنامج:

- ١ . استراتيجيات التعلم النشط. Active learning
- ٢ . استراتيجيات التعليم المبني على النتائج. Outcome-based learning
- ٣ . استراتيجيات التعليم المبني على حل المشكلات Problem-based learning



توصيف برنامج دبلوم الصحة العامة والطب الوقائي والاجتماعي (عام 2014-2013)



Program responsible: Prof. Dr. Osama Wassif

Head of Department: Prof. Dr. Abdelmoniem Younis Dawah

Date: 8 / 9 /2013



الملحقات :

- ملحق ١: Adopted Academic Standard Of The Program المعايير الاكاديمية المتبناة للبرنامج
- ملحق ٢: المعايير القياسية العامة للدراسات العليا الصادرة عن الهيئة.
- ملحق 3: Benchmarks (المعايير المرجعية الخارجية)
- ملحق 4: مصفوفة مضاهاة المعايير الأكاديمية المتبناة للبرنامج مع المعايير القياسية للدراسات العليا الصادرة عن الهيئة.
- ملحق ٥: مصفوفة مضاهاة المعايير الاكاديمية للبرنامج مع اهداف و مخرجات التعلم المستهدفة للبرنامج.
- ملحق ٦: مصفوفة مضاهاة المقررات مع مخرجات التعلم المستهدفة للبرنامج
- ملحق ٧: توصيف المقررات

ملحق ١
وثيقة المعايير الأكاديمية المتبناة لبرنامج الدبلوم

**Adopted Academic Standards for Diploma Degree in
Public health, Preventive and social Medicine**

1. Attributes of gratitude:

Graduate of diploma program should be capable of :

- 1.1. Practical application of the gained Community Medicine and Public Health knowledge to identify and solve prevailing community health problems.
- 1.2. Recognize, define and prioritize problems in the field of Community Medicine and Public Health and outline solutions for these problems.
- 1.3. perfection of skills necessary for proper Diagnosis and Management of problems in the field of Community Medicine and Public Health including employing appropriate technological means, problem solving, efficient use of available resources and decision making skills.
- 1.4. Effective communication and leadership of team work through the systemic vocational employment.
- 1.5. Ability to interpret, analyze and evaluate available information objectively and recognize its limitations in order to make decisions regarding the community health problems.
- 1.6. Efficient use of available resources to satisfy the community health needs.
- 1.7. Active participation in community needs management and problems solving including environmental conservation.

1.8. Following ethical principles related to the practices of Community Medicine and Public Health and accept accountability.

1.9. Maintenance of abilities for continuous medical education.

2. Academic standards:

2.1. Knowledge and Understanding:

By the end of the diploma program, the graduate should be able to recognize and understand the following:

2.1.1. Theories ,fundamentals and specialized knowledge in the field of Community Medicine and Public health, as well as the related sciences with his professional practice including Microbiology, Parasitology and behavioral sciences.

2.1.2. Principles and fundamentals of ethics and legal aspects in the field of Community Medicine and Public Health.

2.1.3. Principles of the public health administration and quality requirements for safe health service.

2.1.4 Understand the role of public health in environmental monitoring, the methods of environmental development and maintenance.

2.2 Intellectual Skills:

By the end of the diploma program the graduate should be able to :

2.2.1 Identify and analyze problems in the field of specialization and arrange them according to their own priorities.

2.2.2 Solve specialized problems in the field of his career.

2.2.3 Involve into researches and scientific methods related to the field of Community Medicine through formulation of research questions, study design and precise collection, analysis and interpretation of data.

2.2.4 Classify factors that place the community and its individuals at risk for disease or injury and determine strategies for appropriate response.

2.2.5 Interpret, analyze and evaluate available information objectively and recognize its limitations in order to make decisions regarding the community health problems.

2.3 Practical & Professional Skills

By the end of diploma program, the graduate should accept and apply the following skills:

2.3.1 Demonstration of professional skills in constructing appropriate management strategies for the main health problems in the community and its special groups.

2.3.2 Analysis of the prevailing situation and writing professional reports outlining the points of weakness, strengths, threats and possible opportunities.

2.4 General and transferable skills:

By the end of the program graduate should be capable of

2.4.1 Performance of effective verbal and written communication with the community and his team work

2.4.2 The use of information technology to serve the field of Community medicine and Public Health.

2.4.3 Self-assessment and determination of his personal educational needs.

2.4.4 The use of different sources including the Information technology (IT) to get the information and knowledge related to the field of Community Medicine and Public Health.

2.4.5 The needs and necessity to work in a team and proper time management

2.4.6 leadership of a team in professional familiar contexts

2.4.7 keep himself up to date regarding Public Health issues through
Continuous medical education

- **Approval of Department council:** 8 / 6 /2013
- **Approval of Faculty council :** 16 / 6 /2013
- **Program responsible:** Prof. Dr. Osama Wassif
- **Head of Department:** Prof. Dr. Abd elmoniem Younis Dawah

**Academic Reference Standards (ARS), Diploma Program
(March 2009) , which were issued by the National Authority
for Quality Assurance & Accreditation**

١- مواصفات الخريج:

- خريج برامج دبلومه الدراسات العليا فى أى تخصص يجب أن يكون قادرا على :
- ١-١ تطبيق المعارف المتخصصة التى اكتسبها فى ممارسته المهنية .
 - ٢-١ تحديد المشكلات المهنية واقتراح حلولاً لها.
 - ٣-١ إتقان المهارات المهنية واستخدام الوسائل التكنولوجية المناسبة فى ممارسته المهنية .
 - ٤-١ التواصل وقيادة فرق العمل من خلال العمل المهني المنظومي
 - ٥-١ اتخاذ القرار فى ضوء المعلومات المتاحة
 - ٦-١ توظيف الموارد المتاحة بكفاءة
 - ٧-١ الوعى بدوره فى تنمية المجتمع والحفاظ على البيئة
 - ٨-١ التصرف بما يعكس الالتزام بالنزاهة والمصداقية وقواعد المهنة وتقبل المسائلة والمحاسبة
 - ٩-١ إدراك ضرورة تنمية ذاته والانخراط فى التعليم المستمر

٢- المعايير القياسية العامة :

- ١-٢ المعرفة والفهم:
- بانتهاج دراسة برامج دبلومه الدراسات العليا يجب أن يكون الخريج قادرا على فهم واستيعاب كل من :
- ١-٢-١ النظريات والاساسيات والمعارف المتخصصة فى مجال التعلم وكذا العلوم ذات العلاقة بممارسته المهنية
 - ٢-١-٢ المبادئ الأخلاقية والقانونية للممارسة المهنية فى مجال التخصص
 - ٣-١-٢ مبادئ وأساسيات الجودة فى الممارسة المهنية فى مجال التخصص
 - ٤-١-٢ تأثير لممارسة المهنية على البيئة والعمل على الحفاظ على البيئة وصيانتها
 - ٢-٢ المهارات الذهنية :
- بانتهاج دراسة برنامج دبلومه الدراسات العليا يجب أن يكون الخريج قادرا على :
- ١-٢-٢ تحديد وتحليل المشاكل فى مجال التخصص وترتيبها وفقاً لأولوياتها
 - ٢-٢-٢ حل المشاكل المتخصصة فى مجال مهنته
 - ٣-٢-٢ القراءة التحليلية للأبحاث والمواضيع ذات العلاقة بالتخصص
 - ٤-٢-٢ تقييم المخاطر فى الممارسات المهنية
 - ٥-٢-٢ اتخاذ القرارات المهنية فى ضوء المعلومات المتاحة
 - ٣-٢ المهارات المهنية :
- بانتهاج دراسة برنامج دبلومه الدراسات العليا يجب أن يكون الخريج قادرا على :
- ١-٣-٢ تطبيق المهارات المهنية فى مجال التخصص
 - ٢-٣-٢ كتابة التقارير المهنية
 - ٤-٢ المهارات العامة والمنتقلة:
- بانتهاج دراسة برنامج دبلومه الدراسات العليا يجب أن يكون الخريج قادرا على :

- ١-٤-٢ التواصل الفعال بأنواعه المختلفة
- ٢-٤-٢ استخدام تكنولوجيا المعلومات بما يخدم تطوير الممارسة المهنية
- ٣-٤-٢ التقييم الذاتي وتحديد احتياجاته التعليمية الشخصية
- ٤-٤-٢ استخدام المصادر المختلفة للحصول على المعلومات والمعارف
- ٥-٤-٢ العمل في فريق وإدارة الوقت
- ٦-٤-٢ قيادة فريق في سياقات مهنية مألوفة
- ٧-٤-٢ التعلم الذاتي والمستمر

ملحق 3: Benchmarks (المعايير /العلامات المرجعية)

**Program Specification Of Diploma Degree In
Public Health, the Quality Assurance Agency for
Higher Education (QAA) in England and Wales**

For the academic year (2011 -2012)

<http://www.qaa.ac.uk/academicinfrastructure/default.asp>

ملحق ٤

مصفوفة مضاهاة المعايير الأكاديمية لبرنامج الدبلوم مع المعايير القياسية للدراسات
العليا الصادرة عن الهيئة

١ - مواصفات الخريج:

| مواصفات الخريج بالمعايير القياسية للدراسات العليا (درجة الدبلوم) | مواصفات الخريج بالمعايير الأكاديمية للبرنامج |
|--|--|
| ١-١ تطبيق المعارف المتخصصة التي اكتسبها في ممارسته المهنية . | 1.1 Practical application of the gained Community Medicine and Public Health knowledge to identify and solve prevailing community health problems. |
| ٢-١ تحديد المشكلات المهنية واقتراح حلول لها. | 2.1 Recognize, define and prioritize problems in the field of Community Medicine and Public Health and outline solutions for these problems. |
| ٣-١ إتقان المهارات المهنية واستخدام الوسائل التكنولوجية المناسبة في ممارسته المهنية . | 3.1 Perfection of skills necessary for proper Diagnosis and Management of problems in the field of Community Medicine and Public Health including employing appropriate technological means, problem solving, efficient use of available resources and decision making skills. |
| ٤-١ التواصل وقيادة فرق العمل من خلال العمل المهني المنظومي | 4.1 Effective communication and leadership of team work through the systemic vocational employment. |
| ٥-١ اتخاذ القرار في ضوء المعلومات المتاحة | 5.1 Ability to interpret, analyze and evaluate available information objectively and recognize its limitations in order to |

| | |
|---|---|
| make decisions regarding the community health problems. | |
| 6.1 Efficient use of available resources to satisfy the community health needs. | ٦-١ توظيف الموارد المتاحة بكفاءة |
| 7.1 Active participation in community needs management and problems solving including environmental conservation. | ٧-١ الوعى بدوره فى تنمية المجتمع والحفاظ على البيئة |
| 8.1 Following ethical principles related to the practices of Community Medicine and Public Health and accepts accountability. | ٨-١ التصرف بما يعكس الالتزام بالنزاهة والمصادقية وقواعد المهنة وتقبل المسائلة والمحاسبة |
| 9.1 Maintenance of abilities for continuous medical education. | ٩-١ إدراك ضرورة تنمية ذاته والانخراط فى التعليم المستمر |

٢- المعايير القياسية

١-٢ المعرفة والفهم

| المعايير الأكاديمية للبرنامج | المعايير القياسية العامة |
|---|---|
| <p><i>By the end of Diploma program, the candidate should recognize and understand the followings:</i></p> <p>2.1.1 Theories , fundamentals and specialized knowledge in the field of Community Medicine and Public health, as well as the related sciences with his professional</p> | <p>بإنتهاء دراسة برنامج الدبلوم يجب ان يكون الخريج على فهم ودراية بكل من</p> <p>١-١-٢ النظريات والاساسيات والمعارف المتخصصة فى مجال التعلم وكذا العلوم ذات العلاقة بممارسته المهنية</p> |

| | |
|---|---|
| practice including Microbiology, Parasitology and behavioral sciences. | |
| 2.1.2 Principles and fundamentals of ethics and legal aspects in the field of Community Medicine and Public Health. | ٢-١-٢ المبادئ الأخلاقية والقانونية للممارسة المهنية في مجال التخصص |
| 2.1.3 Principles of the public health administration and quality requirements for safe health service. | ٢-١-٣ مبادئ وأساسيات الجودة في الممارسة المهنية في مجال التخصص |
| 2.1.4 Understand the role of public health in environmental monitoring, the methods of environmental development and maintenance. | ٢-١-٤ تأثير لممارسة المهنة على البيئة والعمل على الحفاظ على البيئة وصيانتها |

٢-٢ المهارات الذهنية

| المعايير الأكاديمية للبرنامج | المعايير القياسية العامة |
|--|--|
| <p><i>By the end of diploma program, candidate should be able to recognize the followings:</i></p> <p>2.2.1 Identify and analyze problems in the field of specialization and arrange them according to their own priorities.</p> | <p>بانتهاج دراسة برنامج الدبلوم يجب ان يكون الخريج قادرا على</p> <p>١-٢-٢ تحديد وتحليل المشاكل في مجال التخصص وترتيبها وفقا لأولوياتها</p> |
| 2.2.2 Solve specialized problems in the field | ٢-٢-٢ حل المشاكل المتخصصة في |

| | |
|--|--|
| of his career . | مجال مهنته |
| 2.2.3 Involvement into researches and scientific methods related to the field of Community Medicine through formulation of research questions, study design and precise collection, analysis and interpretation of data. | ٣-٢-٢ القراءة التحليلية للأبحاث والمواضيع ذات العلاقة بالتخصص |
| 2.2.4 Classify factors that place the community and its individuals at risk for disease or injury and determine strategies for appropriate response. | ٤-٢-٢ تقييم المخاطر في الممارسات المهنية |
| 2.2.5 Ability to interpret, analyze and evaluate available information objectively and recognize its limitations in order to make decisions regarding the community health problems. | ٥-٢-٢ اتخاذ القرارات المهنية في ضوء المعلومات المتاحة |

٣-٢ المهارات المهنية

| المعايير الأكاديمية للبرنامج | المعايير القياسية العامة |
|---|---|
| <p><i>By the end of diploma program, candidate should attain the followings skills:</i></p> <p>2.3.1 Application of professional skills in constructing appropriate management strategies for the main health problems in the community and its special groups.</p> | <p>بانتهاج دراسة برنامج الدبلوم يجب ان يكون الخريج قادرا على :</p> <p>١-٣-٢ اتقان المهارات المهنية في مجال التخصص</p> |

| | |
|--|------------------------------|
| 2.3.2 Analysis of the prevailing situation and writing professional reports outlining the points of weakness, strengths, threats and possible opportunities. | ٢-٣-٢ كتابة التقارير المهنية |
|--|------------------------------|

٢-٤ المهارات العامة والمنتقلة

| المعايير الأكاديمية للبرنامج | المعايير القياسية العامة |
|---|--|
| <i>By the end of diploma program, candidate should be able to:</i> 2.4.1 Performance of effective verbal and written communication with the community and his team work. | بانتهاء دراسة برنامج الدبلوم يجب ان يكون الخريج قادرا على ٢-٤-١ التواصل الفعال بأنواعه المختلفة |
| 2.4.2 The use of information technology to serve the field of Community medicine and Public Health. | ٢-٤-٢ استخدام تكنولوجيا المعلومات بما يخدم الممارسة المهنية |
| 2.4.3 Self-assessment and determination of his personal educational needs. | ٢-٤-٣ التقييم الذاتى وتحديد احتياجاته التعليمية الشخصية |
| 2.4.4 The use of different sources including the Information technology (IT) to get the information and knowledge related to the field of Community Medicine and Public Health. | ٢-٤-٤ استخدام المصادر المختلفة لحصول على المعلومات والمعارف |
| 2.4.5 The needs and necessity to work in a | ٢-٤-٥ العمل فى فريق وادارة الوقت |

| | |
|--|--|
| team and proper time management. | |
| 2.4.6 Leadership of a team in professional familiar contexts. | ٦-٤-٢ قيادة فريق فى سياقات مهنية مألوفة |
| 2.4.7 keep himself up to date regarding Public Health issues through Continuous Medical Education. | ٧-٤-٢ التعلم الذاتى والمستمر |

ملحق ٥

مصفوفة مضاهاة المعايير الأكاديمية للبرنامج و أهداف و نواتج التعلم

| أهداف البرنامج | Adopted Academic Standards (مواصفات الخريج) |
|----------------|---|
| 1.1 | 1.1. Practical application of the gained Community Medicine and Public Health knowledge to identify and solve prevailing community health problems. |
| 1.2 | 1.2. Recognize, define and prioritize problems in the field of Community Medicine and Public Health and outline solutions for these problems. |
| 1.1 1.5 | 1.3. Perfection of skills necessary for proper Diagnosis and Management of problems in the field of Community Medicine and Public Health including employing appropriate technological means, problem solving, efficient use of available resources and decision making skills. |
| 1.4 | 1.4. Effective communication and leadership of team work through the systemic vocational employment. |
| 1.1 | 1.5. Ability to interpret, analyze and evaluate available information objectively and recognize its limitations in order to make decisions regarding the community health problems. |
| 1.5 | 1.6. Efficient use of available resources to satisfy the community health needs. |
| 1.6 | 1.7. Active participation in community needs management and problems solving including environmental conservation. |
| 1.2 | 1.8. Following ethical principles related to the practices of Community |

| | | | | | | |
|---|--|-------|-------|-------|--------|--------|
| 1.3 | Medicine and Public Health and accept accountability. | | | | | |
| 1.2 | 1.9.Maintenance of abilities for continuous medical education. | | | | | |
| 1.4 | | | | | | |
| المعايير الأكاديمية للبرنامج | | | | | | |
| Knowledge and Understanding | | | | | | |
| نواتج تعلم البرنامج | | | | | | |
| المعرفة و الفهم | | | | | | |
| 2.a.7 | 2.a.6 | 2.a.5 | 2.a.4 | 2.a.3 | 2.a.2. | 2.a.1. |
| √ | | √ | | | √ | √ |
| | | | √ | √ | | |
| | √ | | | | √ | |
| | | √ | | √ | | |
| <p><i>By the end of diploma program, the candidate should recognize and understand the followings:</i></p> <p>2.1.1.Theories ,fundamentals and specialized knowledge in the field of Community Medicine and Public health, as well as the related sciences with his professional practice including Microbiology, Parasitology and behavioral sciences.</p> <p>2.1.2.Principles and fundamentals of ethics and legal aspects in the field of Community Medicine and Public Health.</p> <p>2.1.3.Principles of the public health administration and quality requirements for safe health service.</p> <p>2.1.4.Understand the role of public health in environmental monitoring, the methods of environmental development and maintenance.</p> | | | | | | |

| نواتج تعلم البرنامج | | | المعايير الأكاديمية للبرنامج المهارات الذهنية |
|---------------------|--------|--------|---|
| Intellectual skills | | | |
| 2.b.3 | 2.b.2. | 2.b.1. | |
| | | √ | <p><i>By the end of diploma program, candidate should be able to recognize the followings:</i></p> <p>2.2.1. Identify and analyze problems in the field of specialization and arrange them according to their own priorities.</p> |
| | √ | √ | 2.2.2. Solve specialized problems in the field of his career. |
| | √ | | 2.2.3. Involvement into researches and scientific methods related to the field of Community Medicine through formulation of research questions, study design and precise collection, analysis and interpretation of data. |
| √ | | √ | 2.2.4. Classify factors that place the community and its individuals at risk for disease or injury and determine strategies for appropriate response. |
| | √ | | 2.2.5. Ability to interpret, analyze and evaluate available information objectively and recognize its limitations in order to make decisions regarding the community health problems. |

| نواتج تعلم البرنامج | | | المعايير الأكاديمية للبرنامج المهارات المهنية |
|-------------------------------|--------|--------|--|
| Practical/Professional skills | | | |
| 2.c.3 | 2.c.2. | 2.c.1. | |
| √ | √ | √ | <p><i>By the end of diploma program, candidate should accept the followings skills:</i></p> <p>2.3.1. Demonstration of professional skills in constructing appropriate management strategies for the main health problems in the community and its special groups.</p> |
| √ | √ | √ | <p>2.3.2. Analysis of the prevailing situation and writing professional reports outlining the points of weakness, strengths, threats and possible opportunities.</p> |

| نواتج تعلم البرنامج | | | | | | المعايير الأكاديمية للبرنامج المهارات العامة والمنتقلة |
|--------------------------------|-------|-------|-------|--------|--------|---|
| General and transferable skill | | | | | | |
| 2.d.6 | 2.d.5 | 2.d.4 | 2.d.3 | 2.d.2. | 2.d.1. | |
| √ | | √ | | | √ | By the end of diploma program, candidate should accept the following skills: |
| | | | | √ | | 2.4.1. Performance of effective verbal and written communication with the community and his team work |
| | | | | | | 2.4.2. The use of information technology to serve the field of Community medicine and Public Health. |
| | | | √ | | | 2.4.3. Self-assessment and determination of his personal educational needs. |
| | | | | √ | | 2.4.4. The use of different sources including the Information technology (IT)to get the information and knowledge related to the field of Community Medicine and Public Health. |
| | √ | √ | | | | 2.4.5. The needs and necessity to work in a team and proper time management |
| | | √ | | | | 2.4.6. Leadership of a team in professional familiar contexts |
| | √ | | √ | | | 2.4.7. keep himself up to date regarding Public Health issues through Continuous Medical Education |

ملحق ٦
مصفوفة مضاهاة المقررات مع نواتج التعلم المستهدفة للبرنامج الدراسي

| المعارف Knowledge & Understanding | | | | | | | ILOs | |
|-----------------------------------|-------|-------|-------|-------|-------|-------|----------|-----------------------|
| 2.a.7 | 2.a.6 | 2.a.5 | 2.a.4 | 2.a.3 | 2.a.2 | 2.a.1 | | |
| | | √ | | √ | | | COMM 601 | Environmental Health |
| √ | | | | | | | COMM 602 | Basic Nutrition |
| | | √ | | | | √ | COMM 603 | Microbiology |
| | | √ | | | | √ | COMM 604 | Parasitology |
| | | | | | | √ | COMM 605 | Psychology |
| | | √ | √ | | √ | √ | COMM 606 | Medical statistics |
| | √ | √ | | | | | COMM 607 | Demography |
| | √ | √ | √ | | | √ | COMM 608 | Epidemiology |
| | √ | √ | | | √ | | COMM 609 | Health services |
| | | √ | | | √ | | COMM 610 | Health economics |
| √ | | | | | | | COMM 611 | Nutritional disorders |
| | | | | | √ | | COMM 612 | Administration |
| | | √ | | | | | COMM 613 | Special Topics |

| Intellectual Skills | | | ILOs | |
|---------------------|-------|-------|-----------------|-----------------------|
| 2.b.3 | 2.b.2 | 2.b.1 | Courses & codes | |
| | | √ | COMM 601 | Environmental Health |
| √ | | √ | COMM 602 | Basic Nutrition |
| | √ | √ | COMM 603 | Microbiology |
| | √ | √ | COMM 604 | Parasitology |
| | √ | √ | COMM 605 | Psychology |
| √ | √ | | COMM 606 | Medical statistics |
| √ | | √ | COMM 607 | Demography |
| √ | √ | √ | COMM 608 | Epidemiology |
| √ | | √ | COMM 609 | Health services |
| √ | | √ | COMM 610 | Health economics |
| √ | | √ | COMM 611 | Nutritional disorders |
| √ | | | COMM 612 | Administration |
| √ | √ | √ | COMM 613 | Special Topics |

| Practical & Clinical Skills | | | | ILOs | |
|-----------------------------|-------|-------|-------|-----------|-----------------------|
| | 2.c.3 | 2.c.2 | 2.c.1 | Courses & | |
| | √ | | | COMM 601 | Environmental Health |
| | √ | | | COMM 602 | Basic Nutrition |
| | √ | | | COMM 603 | Microbiology |
| | √ | | | COMM 604 | Parasitology |
| | √ | | √ | COMM 605 | Psychology |
| | | √ | √ | COMM 606 | Medical statistics |
| | √ | | √ | COMM 607 | Demography |
| | | √ | √ | COMM 608 | Epidemiology |
| | √ | | √ | COMM 609 | Health services |
| | √ | | | COMM 610 | Health economics |
| | √ | | | COMM 611 | Nutritional disorders |
| | √ | | √ | COMM 612 | Administration |
| | √ | | | COMM 613 | Special Topics |

| General and transferable | | | | | | | ILOs | |
|--------------------------|-------|-------|-------|-------|-------|-------|-----------------|-----------------------|
| | 2.d.6 | 2.d.5 | 2.d.4 | 2.d.3 | 2.d.2 | 2.d.1 | Courses & codes | |
| | | | | | | √ | COMM 601 | Environmental Health |
| | √ | | | | √ | | COMM 602 | Basic Nutrition |
| | | | | | √ | | COMM 603 | Microbiology |
| | | | | | √ | √ | COMM 604 | Parasitology |
| | | | | | √ | | COMM 605 | Psychology |
| | √ | | | | √ | √ | COMM 606 | Medical statistics |
| | √ | | | | | √ | COMM 607 | Demography |
| | √ | | | | | | COMM 608 | Epidemiology |
| | √ | √ | √ | | | | COMM 609 | Health services |
| | √ | | √ | | √ | | COMM 610 | Health economics |
| | | √ | | | | √ | COMM 611 | Nutritional disorders |
| | | | √ | | √ | | COMM 612 | Administration |
| | | | | √ | √ | | COMM 613 | Special Topics |

- **Program responsible:** Prof. Dr. Osama Wassif
- **Head of Department:** Pro Dr. Abdelmoniem Younis Dawah
- **Date:** 8 / 9 /2013

توصيف المقررات

Program courses

ملحق ٧: توصيف مقررات البرنامج

جامعة: بنها

كلية: الطب البشرى

قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 601

| |
|--|
| بيانات المقرر |
| اسم المقرر: Environmental health |
| الرمز الكودى: COMM 601 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: First part of diploma degree |
| عدد الوحدات الدراسية: ٢ ساعات معتمدة (١ ساعات نظرية + ١ ساعة عملي) |

١- هدف المقرر:

1. Obtaining basic & advanced knowledge about local and global environmental health problems.
2. Recognize the meaning of sanitation and pollution

3. Identify different environmental risk factors (physical, chemical and biological risk).
4. Understand the requirement of sanitary environment .
5. Determine global climatic changes and its effect on human health
6. Playing an active role in management of different environmental health problems

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 **Explain** role of environmental hazards, risks on health and discuss the methods of prevention and control of these environmental hazards.
- 2.a.2 **Define** Environment, environmental health & environmental sanitation.
- 2.a.3 **Identify** the components of environmental sanitation.
- 2.a.4 **Discuss** air pollution& air sanitation.
- 2.a.5 **List** the sources of water, the standards of potable water &its hazards.
- 2.a.6 **Discuss** the steps of purification of water.
- 2.a.7 **Describe** the requirements of swimming pools& their health hazards.
- 2.a.8 **Discuss** camp health & health hazards.
- 2.a.9 **Recognize** the sound food &spoiled food.
- 2.a.10 **Describe** the requirements of food sanitation &health hazards of unsanitary food.
- 2.a.11 **Describe** different types of waste and methods of waste disposal.
- 2.a.12 **Discuss** insect & rodent control.

2.b Intellectual Skills

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

- 2.b.1 **Differentiate** between water pollution and contamination
- 2.b.2 **Distinguish** between safe food and spoiled food

2.c Professional and Practical Skill

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

- 2.c.1 **Diagnose** water or food borne epidemic.
- 2.c.2 **Read** scientific report of water analysis.
- 2.c.3 **Assess** environmental risk.
- 2.c.4 **Design** a program for management of different disasters.
- 2.c.5 **Conduct** environmental health surveillance.
- 2.c.6 **Explain** food safety and environmental concerns about food issues.
- 2.c.7 **Participate** in investigation of an epidemic/outbreak as part of a health team

2.d General and Transferable Skills:

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

- 2.d.1 **Communicate** effectively.
- 2.d.2 **Use** the sources of biomedical information and communication technology to remain current with advances in knowledge and practice
- 2.d.3 **Educate** others all issues concerning their health.
- 2.d.4 **Evaluate** self performance and continue to learn.
- 2.d.5 **Use** different sources of data and knowledge.
- 2.d.6 **Work** effectively as a member or a leader of an interdisciplinary team.
- 2.d.7 **Manage** scientific meetings and manage time.

3- محتوى المقرر:

| Topics | Lectures | Practical | Total | % of total hours of 1 st part |
|--|----------|-----------|-------|--|
| Environmental health Environmental physical hazards | 15 | 45 | 60 | 40% |

| | | | | |
|-------------------------------|--|--|--|--|
| Water sanitation | | | | |
| Food sanitation | | | | |
| Air sanitation | | | | |
| Waste disposal | | | | |
| Insect& rodent control | | | | |
| Environmental risk assessment | | | | |

٤- أساليب التعليم والتعلم :

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars and thesis discussion
- 4.3 Group discussion
- 4.4 Brain storming

٥- تقويم الطلاب :

- 5.1- **Research assignment:** to assess general transferable skills, intellectual skills.
- 5.2- **Written exams:**
Short essay: to assess knowledge.
- 5.3- **Oral Exams:** to assess knowledge.
- 5.4 Report about one of local community environmental health problem

توزيع الدرجات :

- Written exam 50 % of total marks :50 marks
- Oral exam 25 %:25 marks
- Report 25%:25 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

- 6.1 Basic materials like Department notebook: **Handouts** of the staff member in the department (2012-2013).

6.2 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.3 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.4 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: د/ اميمة محمود

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها
كلية: الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 602

| |
|---|
| بيانات المقرر |
| اسم المقرر: Basic nutrition |
| الرمز الكودى: COMM 602 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: First part of diploma degree |
| عدد الوحدات الدراسية: ١ ساعة معتمدة |

٢- هدف المقرر:

1. Obtaining basic & advanced knowledge about different nutritional elements.
2. Understand the role of sound nutrition in health promotion .
3. Determine the hazards of food additives
4. Determine the role of therapeutic nutrition in disease management

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Describe basics nutritional requirements of normal adult.
- 2.a.2 Identify the major food groups of the food pyramid.
- 2.a.3 Describe how to make good food choices for health and fitness.
- 2.a.4 List good food sources for the different vitamins and minerals.
- 2.a.5 Describe the role of diet in maintaining health and fitness.
- 2.a.6 Describe relationships between culture, body image and dietary habits for health and fitness.
- 2.a.7 List the benefits of complex carbohydrates and fiber in the diet.

2.b Intellectual Skills

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

- 2.b.1 Interpret accurately food label information.
- 2.b.2 Explain how carbohydrates, proteins, and lipids are used in the body.
- 2.b.3 Calculate the caloric requirements individually according to age ,sex, nature of working.

2.c Professional and Practical Skill

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

- 2.c.1 **Design** a program for prevention of malnutrition.
- 2.c.2 **Assess** the nutritional status of different vulnerable groups.
- 2.c.3 **Estimate** anthropometric measurements.

2.d General and Transferable Skills:

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

- 2.d.1 **Communicate** effectively.
- 2.d.2 **Use** the sources of biomedical information and communication

technology to remain current with advances in knowledge and practice

2.d.3 **Educate** others all issues concerning their nutrition and health.

2.d.4 **Evaluate** self performance and continue to learn.

2.d.5 **Use** different sources of data and knowledge.

2.d.6 **Work** effectively as a member or a leader of an interdisciplinary team.

2.d.7 **Manage** scientific meetings and manage time.

3- محتوى المقرر:

| Topics | Lectures | Practical | Total | % of total hours of 1 st part |
|--|----------|-----------|-------|--|
| Basic nutrients <ul style="list-style-type: none"> ▪ Carbohydrates ▪ Fats ▪ Proteins ▪ Vitamins & minerals ▪ Dietary fibers Trace elements Antioxidants Food additives Nutritional assessment Food balance sheet Therapeutic nutrition | 15 | | 15 | 10% |

4- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

5- تقويم الطلاب :

5.1- **Research assignment:** to assess general transferable skills, intellectual skills.

5.2- **Written exams:**

Short essay: to assess knowledge.

5.3- **Oral Exams:** to assess knowledge.

توزيع الدرجات :

- Written exam 60 % of total marks :50 marks
- Oral exam 40 % :25 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.5 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).

6.6 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.7 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.8 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: أ.د. ربيعة عبد الهادي

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها

كلية: الطب البشرى

قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM603

| |
|--|
| بيانات المقرر |
| اسم المقرر: Microbiology |
| الرمز الكودى: COMM 603 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: First part of diploma degree |
| عدد الوحدات الدراسية: 1.5 ساعة معتمدة (١ ساعة نظرى + 0.5 ساعة عملى) |

١-هدف المقرر:

1. Identify the basic features of general bacteriology, virology, and mycology
2. Know causes and diagnosis of infectious diseases
3. Define pathogenicity of important organisms from public health point of view.
4. Understand structure and functions of the immune system
5. Understand different immune responses to vaccination

6. Evaluate risks imposed during professional practice and apply sterile, safe techniques and infection control guidelines according to international principles.
7. To provide the student with skills essential for the appropriate specimen collection for diagnosis diagnosis of bacterial, viral and fungal infections.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 **Illustrate** structure of bacteria and virus.
- 2.a.2 **List** antimicrobial chemotherapy and describe the mechanism of action , resistant and side effects.
- 2.a.3 **Describe** the most important methods of decontamination, sterilization and principles of infection control.
- 2.a.4 **Classify** microbial organisms causing infectious diseases and outline the methods of microbiological and serological diagnosis, of organisms causing such diseases
- 2.a.5 **Describe** different types of hypersensitivity reactions

2.b Intellectual Skills

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

- 2.b.1 Differentiate between microorganisms according to their shape , staining and pathogenicity.

2.c Professional and Practical Skill

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

- 2.c.1 **Use** microscopic examination to identify medically important bacteria based on stained preparations.

- 2.c.2 **Identify** a Gram stain and a Ziehl-Neelsen stain.
- 2.c.3 **Choose** commonly used culture media , and serological tests for diagnosis of diseases.
- 2.c.4 **Apply** various sterilization processes and simple infection control measures
- 2.c.5 **Write** and evaluate medical reports

.2.d General and Transferable Skills:

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

- 2.d.1 **Respect** patients' rights and involve them and /or their caretakers in management decisions.
- 2.d.2 **Upgrade** knowledge and practice by continuous learning and seeking recent advances in diagnosis and treatment of various conditions from different information sources
- 2.d.3 **Respect** the role and the contributions of other health care professionals regardless their degrees or rank (top management, subordinate or colleague) and evaluate their performance.
- 2.d.4 **Conduct** counseling sessions for prevention & control of different conditions for healthy individuals, for patients as well as their families .

3- محتوى المقرر:

| Topics | Lectures | Practical | Total | % of total hours of 1 st part |
|--|----------|-----------|-------|--|
| General bacteriology <ul style="list-style-type: none"> • Structure of bacteria • Disinfection and Sterilization General virology <ul style="list-style-type: none"> • Antimicrobial • Structure of virus, | 3 | 11 | 14 | 42.6 |

| | | | | |
|---|----|------|------|-----|
| Clinical microbiology <ul style="list-style-type: none"> • Gastrointestinal Infections and Food Poisoning • Mycobacterial infections • Infections of the Liver • Sexually transmitted diseases • HIV Infection and Retroviral Diseases • Infection of Throat and pharynx (sore throat and pharyngitis) • Anthrax and brucella | 7 | 11.5 | 18.5 | 44 |
| Immunology <ul style="list-style-type: none"> • General immunology • Hypersensitivity reactions | 5 | - | 5 | 5 |
| Total | 10 | 22.5 | 37.5 | 100 |

٤- أساليب التعليم والتعلم :

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars
- 4.3 Group discussion
- 4.4 Brain storming

٥- تقويم الطلاب :

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

5.3 Practical Exam: to assess practical skills

توزيع الدرجات :

- Written exam 50 % of total marks :25 marks
- Oral exam 30 % :15 marks
- Practical exam 20%: 10 marks

طرق اخرى للتقييم بدون درجات

- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

1. **Abu I K. Abbas & Andrew H. Lichtman (2005):** Basic immunology, Functions and disorders of the immune system. 2nd edition, SAUNDERS, An Imprint of Elsevier Science
2. **Jawetz, Melnick and Adelberg's Medical Microbiology 26th Edition .** 2013 by The McGraw-Hill Companies, Inc
3. **Daniel P. Stites and G. Barslow, (2001),** Medical immunology Appleton and Lange.
4. Periodics: http://www.microbe.org/microbes/virus_or_bacterium.asp

<http://www.bact.wisc.edu/Bact330/330Lecturetopics>

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم سبتمبر ٢٠١٣

المسئول عن المقرر: أ.د. سوسن عبد الرحمن

رئيس القسم: أ.د. وفاء المسلمي

جامعة: بنها

كلية: الطب البشرى

قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM604

| بيانات المقرر |
|--|
| اسم المقرر: Medical Parasitology |
| الرمز الكودى: COMM 604 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: First part of diploma degree |
| عدد الوحدات الدراسية: 1.5 ساعة معتمدة (١ ساعة نظرى + 0.5 ساعة عملى) |

١-هدف المقرر:

1. Achieve national and international standing in the field of medical parasitology
2. Focus on applied clinical parasitology, diagnosis ,prevention and control of different parasitic diseases
3. Be aware of basic epidemiological and environmental factors in relation to parasitic infections with special emphasis on local endemic diseases.
4. Sharing in campaigns to solve any emerging problem in the community.

1- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Describe parasitic nomenclature, geographical distribution of different host and parasitic zoonosis.
- 2.a.2 Identify the basic concepts and principles of parasitism
- 2.a.3 Recognize pathology, pathogenesis ,clinical pictures and host parasite relationship.
- 2.a.4 Illustrate morphology, life cycle of different parasites.
- 2.a.5 Classify different parasitic infection
- 2.a.6 Understand diagnostic methods, treatment, prevention and control of parasitic infections.
- 2.a.7 Follow the scientific advance in the field of practice
- 2.a.8 Know quality standards of practice
- 2.a.9 Follow ethics of research.

2.b Intellectual Skills

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

- 2.b.1 Analyze any given data in laboratory report or case study and relate it to the causative agent.
- 2.b.2 Interpret the most important signs and symptoms of important parasitic infection.
- 2.b.3 Integrate different information to solve parasitological problems
- 2.b.4 Conduct scientific research
- 2.b.5 Evaluate the risk imposed during practice.

2.b.6 Plan for professional improvement in the field of parasitology

2.c Professional and Practical Skill

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

- 2.c.1 Perform different methods of urine, stool examination , thin and thick blood films and some staining procedures.
- 2.c.2 Handle laboratory equipments safely.
- 2.c.3 Write and appraise reports
- 2.c.4 Evaluate methods and tools used in specialty

.2.d General and Transferable Skills:

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

- 2.d.1 Respect patients' rights and involve them and /or their caretakers in management decisions.
- 2.d.2 Upgrade knowledge and practice by continuous learning and seeking recent advances in diagnosis and treatment of various conditions from different information sources
- 2.d.3 Respect the role and the contributions of other health care professionals regardless their degrees or rank (top management, subordinate or colleague) and evaluate their performance.
- 2.d.4 Conduct counseling sessions for prevention & control of different conditions for healthy individuals, for patients as well as their families.
- 2.d.5 Share in determination of standards of practice

3- محتوى المقرر:

| Topics | Lectures | Practical | Total | % of total hours of 1 st part |
|---------------|----------|-----------|-------|--|
| Helminthology | 4 | 4 | 8 | |

| | | | | |
|-----------------------|----|------|------|-----|
| Protozoology | 4 | 4 | 8 | |
| Medical Entomology | 3 | 4 | 7 | |
| Immunoparasitology | 1 | 1 | 2 | |
| Diagnostic techniques | 1 | 2 | 3 | |
| Applied parasitology | 2 | - | 2 | |
| Total | 10 | 22.5 | 32.5 | 100 |

٤- أساليب التعليم والتعلم :

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars
- 4.3 Group discussion
- 4.4 Brain storming

٥- تقويم الطلاب :

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

5.3 Practical Exam: to assess practical skills

توزيع الدرجات :

- Written exam 50 % of total marks :25 marks
- Oral exam 30 % :15 marks
- Practical exam 20%: 10 marks

طرق اخرى للتقييم بدون درجات

- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

- 6.1 Medical parasitology lecture notes authorized by the department
- 6.2 Parasitology atlas
- 6.3 CD for practical course

6.4 Manson tropical disease, Cook GC(ed)21th edition. London: WB Saunders, 2003.

6.5 Websites: [http: WWW.epu-eg.com](http://WWW.epu-eg.com)

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده فى مجلس القسم ٤-١-٢٠١١

المسنول عن المقرر: أ.د كريم ابو الفتوح

رئيس القسم: أ.د امانى الفكهانى

جامعة: بنها
كلية: الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM605

| |
|---|
| بيانات المقرر |
| اسم المقرر: Neuropsychiatry |
| الرمز الكودى: COMM 605 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: First part of diploma degree |
| عدد الوحدات الدراسية: 1 ساعة معتمدة |

١-هدف المقرر:

1. Basic scientific knowledge of methods of scientific research.
2. Continue scientific work to add to the branch.
3. Scientifically analyze and criticize knowledge in psychiatry and related branches.
4. Integrate scientific knowledge in psychiatry and related branches to detect and develop relations between them.
5. Determine the professional problems and finding new solutions for it.
6. Adopt professional skills.

7. Develop new methods and tools for practice.
8. Use appropriate technology for practice.
9. Appropriately communicate and lead teamwork in different professional fields.
10. Make decisions using the available data.
11. Utilize of the available resources appropriately and find new sources.
12. Continue self development and transferring knowledge and experiences to others

2-Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 know basics knowledge in psychiatric issues related to community medicine
- 2.a.2 Discuss different type of leadership
- 2.a.3 Identify the meaning and methods of motivating others
- 2.a.4 Describe the causes of aggression and how to prevent aggressive attitude

2.b Intellectual Skills

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

- 2.b.1 Compare between different leadership models
- 2.b.2 Explain the causes of aggressive attitude
- 2.b.3 Conduct scientific research
- 2.b.4 Evaluate the risk of mental disorders.
- 2.b.5 Plan for professional improvement in the field of public health using motivation theories

2.c Professional and Practical Skill

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

Not found

.2.d General and Transferable Skills:

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

- 2.d.1 Communicate effectively with staff and colleagues.
- 2.d.2 Use the sources of biomedical information and communication technology to remain current with advances in knowledge and practice.
- 2.d.3 Use different sources of data and knowledge.
- 2.d.4 Work effectively as a member or a leader of an interdisciplinary team.
- 2.d.5 Establish effective interpersonal relationship to communicate ideas and arguments
- 2.d.6 Continue self learning and self evaluation to improve practice.

3- محتوى المقرر:

| Topics | Lectures | Practical | Total | % of total hours of 1 st part |
|--|----------|-----------|-------|--|
| Leadership Motivation Aggression Communication skills | 15 | - | 15 | 10% |

4- أساليب التعليم والتعلم:

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars
- 4.3 Group discussion
- 4.4 Brain storming

٥- تقويم الطلاب :

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات :

- Written exam 50 % of total marks :٥٠ marks
- Oral exam ٥٠ % :50 marks

طرق اخرى للتقييم بدون درجات

- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.1 Lectures notes prepared by the staff

6.2 Kaplan's Textbook of Psychaitry(2009)

6.3 American Psychiatry Journal

6.4 www.Sciencedirect.com

www.pubmed.com

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم سبتمبر ٢٠١٣

المسئول عن المقرر: أ.د احسان فهمي

جامعة:بنها
كلية:الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 606

| بيانات المقرر |
|--|
| اسم المقرر: Epidemiological studies and medical statistics. |
| الرمز الكودى: COMM 606 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: ٢ ساعات معتمدة (١ ساعات نظرية + ١ ساعة عملي) |

١-هدف المقرر:

1. To equip the student with Principles of Biostatistics, types of data, methods of presentation of data, types of Epidemiological studies, Sampling, statistical methods& research methods.
2. To provide the student with the knowledge and skills necessary to practice statistical analytical methods and research methods
3. To enable the student to evaluate the health problems.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Describe the basics of Principles of Biostatistics, types of data, methods of presentation of data, types of Epidemiological studies, Sampling, statistical methods and research methods.
- 2.a.2 Define vital rates including fertility, morbidity, and mortality rates, both crude and specific.
- 2.a.3 Explain the usefulness of screening tests, and calculate sensitivity, specificity, and predictive values.
- 2.a.4 Define the screening tests pertinent to selected diseases and the at-risk approach in the application of screening tests.
- 2.a.5 Describe the study design, uses, and limitations.
- 2.a.6 Define clinical epidemiology and its basic components and measure disease risk factors.
- 2.a.7 Define the sources of data, methods of collection, sampling techniques and advantages of sampling.

2.b Intellectual Skills

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

- 2.b.1 Choose suitable methods for conducting research.
- 2.b.2 Choose suitable methods for analysis of data.
- 2.b.3 Calculate, and interpret vital rates including fertility, morbidity, and mortality rates, both crude and specific, and be able to compare between populations through the use of adjusted / standardized rates.
- 2.b.4 Summarize data, construct tables and graphs.

- 2.b.5 Calculate measures of central tendency dispersion and describe the normal curves and its uses.
- 2.b.6 Interpret selected tests of significance and the inferences obtained from such tests.

2.c Professional and Practical Skill

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

- 2.c.1 Communicate clearly, sensitively and effectively with patients and their relatives and colleagues from a variety of health and social care professions.
- 2.c.2 Conduct proper counseling practices to provide appropriate basic research methods.
- 2.c.3 Respect the role of others, superiors, colleagues and all members of the health profession
- 2.c.4 Conduct different types of surveys.
- 2.c.5 Develop hypothesis & test it.
- 2.c.6 Apply the principles of statistical methods for collection, presentation & analysis of all types of data.

2.d General and Transferable Skills:

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

- 2.d.1 Establish life-long self-learning required for continuous professional development.
- 2.d.2 Use the sources of biomedical information and communication technology to remain current with advances in knowledge and practice.
- 2.d.3 Retrieve, manage, and manipulate information by all means, including electronic means.
- 2.d.4 Present information clearly in written, electronic and oral forms.

2.d.5 Conduct counseling sessions for prevention & control of different conditions for healthy individuals, for patients as well as their families.

2.d.6 Establish effective interpersonal relationship to Communicate ideas and arguments.

2.d.7 Engage in evidence based discussion.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|---|-------------------|--------------------|-------|
| Types of data | 1 | 2 | 3 |
| Collection of data: <ul style="list-style-type: none"> ▪ Sampling ▪ Screening ▪ Survey ▪ Epidemiological studies | 1 | 2 | 3 |
| Summarization of data: <ul style="list-style-type: none"> ▪ Measures of central tendency ▪ Measures of dispersion | 1 | 2 | 3 |
| Presentation of data: <ul style="list-style-type: none"> ▪ Tabular presentation ▪ Graphic presentation ▪ Mathematical presentation | 1 | 2 | 3 |
| Normal distribution curve | 1 | 2 | 3 |
| Confidence interval | 1 | 2 | 3 |
| Hypothesis testing | 1 | 2 | 3 |
| Analysis of data & tests of significance: <ul style="list-style-type: none"> ▪ Parametric tests of significance(Z-test, paired T-test, Unpaired T- test, Chi square test, analysis of variance) ▪ Correlation ▪ Regression | 3 | 6 | 9 |

| | | | |
|-------------------------|----------------|----------------|-----------|
| ▪ Non parametric tests | | | |
| Risk assessment | 1 | 2 | 3 |
| Meta-analysis | 1 | 2 | 3 |
| Vital rates | 1 | 2 | 3 |
| Ethics of research | 1 | 2 | 3 |
| Evidence based medicine | 1 | 2 | 3 |
| Total | 15 hrs. | 30 hrs. | 45 |

٤- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

٥- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

5.3 problem solving exam

توزيع الدرجات :

- Written exam 40 % of total marks :50 marks
- Oral exam 20 %:25 marks
- Practical exam 40%:50 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.9 Basic materials like Department notebook: *Handouts* of the staff

member in the department (2012-2013).

6.1 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.2 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.3 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: د/ رشا شاكر

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها

كلية: الطب البشرى

قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 607

| بيانات المقرر |
|---|
| اسم المقرر: Demography |
| الرمز الكودى: COMM 607 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: 1 ساعات معتمدة |

١-هدف المقرر:

1. Knowledge of concept of demography, demographic features of the population, population distribution & demographic transition.
2. Awareness of the most prominent national problem concerning health, education, housing & Food supply.
3. Knowledge of different methods of population estimation.
4. Making comparison between developing & developed countries concerning population pyramid Life Expansion.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Know basics and advanced knowledge in demography.
- 2.a.2 Understand the basics of population estimation and its different tools.
- 2.a.3 Know over -population problem and available solutions.
- 2.a.4 Define vital rates including fertility rates.

2.b Intellectual Skills

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

- 2.b.1 Analyze and evaluate scientific basic knowledge about his community and its problems and to do conclusions from it.
- 2.b.2 Calculate and interpret vital rates including fertility and be able to compare between populations through the use of adjusted / standardized rates.
- 2.b.3 Solve public problems related to population, making use of the available data.

2.c Professional and Practical Skill

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

- 2.c.1 Adopt basic and new skills in public health field.
- 2.c.2 Evaluate and develop the used methods in the field of public health.
- 2.c.3 Draw population pyramid of different communities.
- 2.c.4 Use technological methods in professional practice.
- 2.c.5 Plan to solve overpopulation problem and to create public awareness of this problem.

2.d General and Transferable Skills:

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

- 2.d.1 Use the sources of biomedical information and communication technology to remain current with advances in knowledge and practice.

2.d.2 Work effectively as a member or a leader of an interdisciplinary team

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | Total |
|--|-------------------|--------------------|-----------|
| Definition of demography& methods of population estimation | 3 | - | 3 |
| Population pyramid | 3 | - | 3 |
| Demographic transition | 3 | - | 3 |
| Fertility indices | 3 | - | 3 |
| Overpopulation | 3 | - | 3 |
| Total | 15 hrs. | | 15 |

4- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

5- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات :

- Written exam 10 % of total marks :50 marks
- Oral exam 40 %:25 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

- 6.4 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).
- 6.5 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.
- 6.6 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology
- 6.7 Periodicals, Web sites, etc:
- WHO.int.com
 - Pub. Med
 - Google
 - Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: أ.د / هالة الهادي

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها
كلية: الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 608

| |
|---|
| بيانات المقرر |
| اسم المقرر: Epidemiology |
| الرمز الكودى: COMM 608 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: ٤ ساعات معتمدة (٣ ساعة نظرية + ١ ساعة عملى) |

١-هدف المقرر:

1. Knowledge of the concept of epidemiology, scope & applications.
2. Identification of different modes of transmission & pattern of spread of diseases.
3. Identification of different levels of prevention of diseases.
4. Using epidemiological approach in managing different health problems.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Define epidemiology, ecology& epidemiological triad.

- 2.a.1 Describe immunity and its types.
- 2.a.2 Identify the concept of herd immunity.
- 2.a.3 Know the different types of vaccines & toxoids and methods of storage.
- 2.a.4 Describe the schedule of immunization among children.
- 2.a.5 Describe the pattern of spread of infectious diseases in the community.
- 2.a.6 List the preventive & control measures of different diseases.
- 2.a.7 Know the Endemic diseases affecting the community.
- 2.a.8 Recognize the meaning of surveillance, importance & uses.
- 2.a.9 Identify different risk factors of non communicable diseases & methods of prevention.

2.b Intellectual Skills

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

- 2.b.1 Select the most appropriate measurement for prevention & control of certain disease.
- 2.b.2 Set priorities in managing health problems of the community.
- 2.b.3 Trace sources & channels of infections.
- 2.b.4 Anticipate and participate in investigation of an epidemic/outbreak as part of a health team
- 2.b.5 Apply preventive measurements of different diseases.
- 2.b.6 Educate others & counsel them about methods of prevention.

2.c Professional and Practical Skill

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

- 2.c.1 Communicate clearly, sensitively and effectively with patients and their relatives, and colleagues from a variety of health and social care professions.
- 2.c.2 Conduct proper counseling practices to provide appropriate basic research methods.
- 2.c.3 Respect the role of others, superiors, colleagues .
- 2.c.4 Conduct Surveillance for diseases of certain importance.
- 2.c.5 Develop solutions for different health hazards affecting the community.
- 2.c.6 Application of preventive measures like vaccines.
- 2.c.7 Evaluate prevention & control programs.
- 2.c.8 Draw epidemic curve.

2.d General and Transferable Skills:

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

- 2.d.1 Acquired some of health education, communication and life skills.
- 2.d.2 Conduct counseling sessions for prevention & control of different conditions for healthy individuals, for patients as well as their families
- 2.d.3 Establish effective interpersonal relationship to Communicate ideas and arguments.
- 2.d.4 Engage in evidence based discussion.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|----------------------|-------------------|--------------------|-------|
| General epidemiology | 6 | 4 | 10 |

| | | | |
|---|----------------|----------------|-----------|
| Air borne infection | 6 | 4 | 10 |
| Food borne infections | 6 | 4 | 10 |
| Contact infections | 6 | 4 | 10 |
| Arthropod borne infections | 6 | 4 | 10 |
| New vaccines | 2.5 | 3 | 5.5 |
| Epidemiology of non communicable diseases | 5 | 4 | 9 |
| Health education | 2.5 | 3 | 5.5 |
| Total | 45 hrs. | 30 hrs. | 75 |

٤- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

٥- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات :

- Written exam 75 % of total marks :75 marks
- Oral exam 25 %:25 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.8 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).

6.9 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.10 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.11 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: أ.د / ايمان البيطار

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها

كلية: الطب البشرى

قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 609

| |
|---|
| بيانات المقرر |
| اسم المقرر: Health services |
| الرمز الكودى: COMM 609 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: ٤ ساعات معتمدة (٣ ساعة نظرية + ١ ساعة عملى) |

١-هدف المقرر:

1. Knowledge of the definition of primary health care, its principles & elements.
2. Awareness of the meaning of community participation & its importance.
3. Recognition of health problems of females in childbearing period & how to develop a program for improving maternal health.
4. Knowledge of child health problems & how to solve it.
5. Knowledge of health problems of school children& how to manage it.
6. Determination of the most important health problems facing the rural community & trying to find solutions.
7. Recognition of geriatric health problem & how to manage it.

8. Identification of some occupational health problems & occupational safety measures.
9. Being able to develop a health service program.
10. Having the basic knowledge to evaluate the performance of health program.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Know the concept of primary health care, principles & elements.
- 2.a.2 Recognize different vulnerable groups in the community, their health problems & their needs.
- 2.a.3 Recognize morals and laws needed for practice.

2.b Intellectual Skills

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

- 2.b.1 Design a program for health care of different vulnerable groups.
- 2.b.2 Setting goals & SMART objectives.
- 2.b.3 Develop vision & mission for the program.
- 2.b.4 Allocating resources for better utilization of it.
- 2.b.5 Develop indicators for evaluation of performance of the program.

2.c Professional and Practical Skill

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

- 2.c.1 Evaluate and develop the used methods in the field of public health.
- 2.c.2 Use technological methods in professional practice.
- 2.c.3 Plan to improve professional performance and develop others' performance.
- 2.c.4 Make a proper decision & using resources efficiently.

- 2.c.5 Evaluate the performance of health program.
- 2.c.6 Work as a member /leader of a team (staff management).

2.d General and Transferable Skills:

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

- 2.d.1 Apply appropriate communication strategies for use with clients, the health care team, and the community.
- 2.d.2 Manage Time effectively.
- 2.d.3 Motivating others toward achievement of objectives.
- 2.d.4 Use available resources efficiently.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|--|-------------------|--------------------|-----------|
| Primary health care, principles & elements | 7.5 | 3 | 10.5 |
| Reproductive health | 7.5 | 3 | 10.5 |
| Maternal health | 7.5 | 4 | 11.5 |
| Child health | 7.5 | 4 | 11.5 |
| School health | 7.5 | 4 | 11.5 |
| Rural health | 7.5 | 4 | 11.5 |
| Geriatric health | 7.5 | 4 | 11.5 |
| Occupational health | 7.5 | 4 | 11.5 |
| Total | 60 hrs. | 30 hrs. | 90 |

4- أساليب التعليم والتعلم:

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars and thesis discussion
- 4.3 Group discussion

4.4 Brain storming

٥- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات :

- Written exam 60 % of total marks :٦٠ marks
- Oral exam 40 %:٤٠ marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.12 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).

6.13 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.14 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.15 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسنول عن المقرر: أ.د / اسامة واصف

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها
كلية: الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 610

| |
|---|
| بيانات المقرر |
| اسم المقرر: Health economics |
| الرمز الكودى: COMM 610 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: 1 ساعات معتمدة |

١-هدف المقرر:

1. Obtaining simplified Knowledge of health economics.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Understand the principles of economic evaluation as applied to health care.
- 2.a.2 Understand the principles of efficiency.
- 2.a.3 Understand the principles of cost benefit & cost effectiveness.
- 2.a.4 Discuss disease burden (DALYs & QALYs).

2.a.5 Know the concept of utilization management.

2.b Intellectual Skills

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

2.b.1 Evaluate costs of health care program.

2.b.2 Apply the concepts of efficiency.

2.c Professional and Practical Skill

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

2.c.1 Read & interpret reports concerning cost of health care.

2.c.2 Plan for health care according to the available resources.

2.c.3 Reallocate the resources to meet the deficiency of financial resources

.2.d General and Transferable Skills:

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

2.d.1 Communicate effectively.

2.d.2 Use the sources of biomedical information and communication technology to remain current with advances in knowledge and practice.

2.d.3 Educate others all issues concerning their health.

2.d.4 Evaluate self performance and continue to learn.

2.d.5 Use different sources of data and knowledge.

2.d.6 Work effectively as a member or a leader of an interdisciplinary team.

2.d.7 Manage scientific meetings and manage time.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|--|-------------------|--------------------|-------|
| Introduction of health economics | 3 | | 3 |
| Burden of diseases: <ul style="list-style-type: none">▪ DALYs▪ QALYs | 3 | | 3 |
| Cost analysis: <ul style="list-style-type: none">▪ Cost benefit▪ Cost effectiveness | 3 | | 3 |
| Utilization management | 6 | | 6 |
| Total | 15 hrs. | | |

4- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

5- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات :

- Written exam 60 % of total marks :25 marks
- Oral exam 40 %: 12.5 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

- 6.1 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).
- 6.2 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.
- 6.3 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology
- 6.4 Periodicals, Web sites, etc:
- WHO.int.com
 - Pub. Med
 - Google
 - Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسئول عن المقرر: أ.د / سهاد عبد العزيز

رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة: بنها
كلية: الطب البشرى
قسم : الصحة العامة والطب الوقائى والاجتماعى

توصيف مقرر: COMM 611

| |
|--|
| بيانات المقرر |
| اسم المقرر: Nutritional health problems |
| الرمز الكودى: COMM 611 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: 0.5 . 1 ساعات معتمدة (١ ساعة نظرى + 0.5 عملى) |

١-هدف المقرر:

1. Having the basic knowledge about different nutritional disorders.
2. Being able to diagnose malnutrition.
3. Prevention & control of malnutrition.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Know basics and advanced knowledge about malnutrition.
- 2.a.2 Identify the major malnutrition disorders.
- 2.a.3 Identify symptoms & signs of malnutrition.

- 2.a.4 Recognize the relation between infection & malnutrition.
- 2.a.5 Describe the role of host, Agent & environmental factors in occurrence of malnutrition.
- 2.a.6 Describe relationships between culture, body image and dietary habits for health and fitness.
- 2.a.7 List the prevention & control measures for every disease.

2.b Intellectual Skills

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

- 2.b.1 Explain how unhealthy food & lifestyle could predispose to malnutrition.
- 2.b.2 Explain food safety and environmental concerns about food issues.

2.c Professional and Practical Skill

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

- 2.c.1 Design a prevention & control program for malnutrition.
- 2.c.2 Prepare a balanced diet for those having malnutrition.
- 2.c.3 Calculate the body mass index to diagnose obesity.

2.d General and Transferable Skills:

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

- 2.d.1 Communicate effectively.
- 2.d.2 Use the sources of biomedical information and communication technology to remain current with advances in knowledge and practice.
- 2.d.3 Educate others all issues concerning their health.
- 2.d.4 Evaluate self performance and continue to learn.

- 2.d.5 Use different sources of data and knowledge.
- 2.d.6 Work effectively as a member or a leader of an interdisciplinary team.
- 2.d.7 Manage scientific meetings and manage time.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|--|-------------------|--------------------|-----------|
| Protein energy malnutrition: <ul style="list-style-type: none"> ▪ Marasmus ▪ Kwashiorkor | 3 | 3 | ٦ |
| Vitamin deficiency : <ul style="list-style-type: none"> ▪ Vit. A deficiency ▪ Vit. D deficiency | 3 | 3 | ٦ |
| Anaemias: <ul style="list-style-type: none"> ▪ Iron deficiency anaemia ▪ Megaloblastic anaemia | 3 | 3 | ٦ |
| Dental caries | 2 | 2 | ٤ |
| Obesity | 2 | 2 | ٤ |
| Osteoporosis & osteomalachia | 2 | 2 | ٤ |
| Total | 15 hrs. | 15 hrs. | ٣٠ |

٤- أساليب التعليم والتعلم :

- 4.1 Modified lectures
- 4.2 Attending the department scientific seminars and thesis discussion
- 4.3 Group discussion
- 4.4 Brain storming

٥ - تقويم الطلاب : -

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات:

- Written exam 50 % of total marks :25 marks
- Oral exam 50 %:25 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6 - قائمة الكتب الدراسية والمراجع:

6.1 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).

6.2 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.3 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.4 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده فى مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣
المسنول عن المقرر: أ.د / رانيا حمدى
رئيس القسم: أ.د عبد المنعم يونس ضوة

جامعة بنها
كلية: الطب البشرى
قسم : الصحة العامة

توصيف مقرر: COMM 612

| |
|--|
| بيانات المقرر |
| اسم المقرر: Health services administration |
| الرمز الكودى: COMM 612 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: 1.5 ساعات معتمدة (١ ساعة نظرى + 0.5 عملى) |

١-هدف المقرر:

1. Application all administrative components (plan, implement and evaluate) to solve health problems according to their priorities throughout effective programs and health services.
2. Improving the performance of provided health services.
3. Ensuring the principle of quality.
4. Acquiring the different tool of quality in order to participate in quality management of health care organization.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

2.a.1 know basics and advanced knowledge in administration of health services.

2.a.2 Understand quality basics for practice.

2.a.3 Define the priority in solving health problems

2.b Intellectual Skills

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

2.b.1 Plan for developing performance in this field.

2.b.2 Make decisions according to situations.

2.b.3 Innovate in public health practices.

2.b.4 Engage in evidence based discussion.

2.c Professional and Practical Skill

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

2.c.1 Evaluate and develop the used methods in the field of public health.

2.c.2 Use technological methods in professional practice.

2.c.3 Plan to improve professional performance and develop others' performance.

2.c.4 Make a proper decision & using resources efficiently.

2.c.5 Evaluate the performance of health program.

2.c.6 Setting priorities & develop SMART Objectives.

2.c.7 Work as a member /leader of a team (staff management)

2.d General and Transferable Skills:

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

2.d.1 Apply appropriate communication strategies for use with clients, the health care team, and the community.

2.d.2 Manage Time effectively.

2.d.3 Lead others toward achievement of objectives.

2.d.4 Use available resources efficiently.

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|--------------------------|-------------------|--------------------|-----------|
| Planning | 2 | 2 | ٤ |
| Organization | 2 | 2 | ٤ |
| Staffing | 1 | 1 | ٢ |
| Direction & Controlling | 1 | 1 | ٢ |
| Reporting& budgeting | 1 | 1 | ٢ |
| Evaluation | 2 | 2 | ٤ |
| Quality assurance | 1 | 1 | ٢ |
| Total quality management | 1 | 1 | ٢ |
| Hospital administration | 2 | 2 | ٤ |
| Communication | 1 | 1 | ٢ |
| Leadership | 1 | 1 | ٢ |
| Total | 15 hrs. | 15 hrs. | ٣٠ |

٤- أساليب التعليم والتعلم :

4.1 Modified lectures

4.2 Attending the department scientific seminars and thesis discussion

4.3 Group discussion

4.4 Brain storming

٥- تقويم الطلاب :-

5.1- **Written exams:**

Short essay: to assess knowledge.
5.2- Oral Exams: to assess knowledge.

توزيع الدرجات:

- Written exam 60 % of total marks :25 marks
- Oral exam 40 %:12.5 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

6.1 Basic materials like Department notebook: *Handouts* of the staff member in the department (2012-2013).

6.2 Essential books (text books) like *Khalil IF, 1999*: Biostatistics, Cairo University and *Maxcy RL, 2008*: Public health and preventive medicine.

6.3 Recommended books like statistics made easy, statistics at a glance and clinical epidemiology

6.4 Periodicals, Web sites, etc:

- WHO.int.com
- Pub. Med
- Google
- Science direct

٧ - الإمكانيات المطلوبة للتعليم والتعلم

- Adequate infrastructure including teaching rooms, comfortable desks.
- Teaching tools including screen, smart board , computer and data show.

تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣
المسنول عن المقرر: أ.د. / ايمان محمد عربى
رئيس القسم: أ.د. عبد المنعم يونس ضوة

توصيف المقرر: COMM 613

| |
|---|
| بيانات المقرر |
| اسم المقرر: Recent topics related to public health |
| الرمز الكودي: COMM 613 |
| التخصص: Public Health ,Preventive and social Medicine |
| المستوى: Second part of diploma degree |
| عدد الوحدات الدراسية: 1.5 ساعات معتمدة (١ ساعة نظري + 0.5 عملي) |

١-هدف المقرر:

1. Being up-to-date with all issues of Community medicine.

2- Intended learning outcomes (ILOs):

2.a Knowledge and understanding:

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

- 2.a.1 Demonstrate a high level of knowledge about Public health & community medicine .
- 2.a.2 Demonstrate a high level of knowledge pertaining to specialist community medicine;
- 2.a.3 Draw on global developments within public health and their area of specialization and use this understanding in developing innovative practice

2.b Intellectual Skills

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

- 2.b.1 Integrate theory with practice and explore differing relationships between theory and practice in public health.
- 2.b.2 Evaluate the effectiveness of interventions against planned outcomes and implement amended interventions as necessary;
- 2.b.3 Evaluate published research and other evidence based materials;
- 2.b.4 Identify scope for community and practice development, health education and promotion activities and plan appropriate interventions;
- 2.b.5 Apply epidemiologic skills in a public health setting, specifically in the formulation or application of public health programs or policies
- 2.b.6 Identify trends in health and disease including epidemiological causes of high prevalence of certain infections , causes of eradication , emerging or reemerging previous infections world-wide and in Egypt.

2.c Professional and Practical Skill

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

- 2.c.1 Critically evaluate and synthesize health information and data in order to make sound and effective judgments, in complex situations, relating to health needs and risks in individuals, groups, communities and populations.
- 2.c.2 Critically evaluate health and social policy in order to lead consequent development of local policy and practice.
- 2.c.3 Critically appraise the evidence base for practice through review of literature and identify implications.
- 2.c.4 Utilize theoretical frameworks to respond effectively and creatively as clinical decision makers, managing complex and sometimes contradictory, theories and perspectives.
- 2.c.5 Critically analyze theoretical concepts, models & Synthesizing this knowledge to inform and advance practice.

2.c.6 Critically evaluate theories and concepts influencing effective leadership in order to motivate, delegate, supervise and facilitate the work of team members across the public health continuum.

2.c.7 Critically analyze and integrate knowledge of professional and ethical dilemmas in order to advance the practice of promoting health and well being.

2.c.8 Critically evaluate reflective practice in order to challenge and enhance personal and professional growth and development.

2.d General and Transferable Skills:

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

2.d.1 Demonstrate advanced communication and excellent interpersonal skills

2.d.2 Utilize health informatics to interpret data and appropriately apply this to practice.

2.d.3 Demonstrate advanced practice within a framework of professional accountability and responsibility.

2.d.4 Develop and apply evidence based practice and problem solving approaches in order to lead and provide excellence.

2.d.5 Further develop learning skills in order to promote and enhance Continuing professional development for self and others

3- محتوى المقرر:

| Topics | Hours of Lectures | Practical/Tutorial | total |
|-------------------------|-------------------|--------------------|-------|
| Planning | 2 | 2 | ٤ |
| Organization | 2 | 2 | ٤ |
| Staffing | 1 | 1 | ٢ |
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| | | | |
|--------------------------|----------------|----------------|-----------|
| Evaluation | 2 | 2 | ٤ |
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| Hospital administration | 2 | 2 | ٤ |
| Communication | 1 | 1 | ٢ |
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4.1 Modified lectures

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٥- تقويم الطلاب :-

5.1- Written exams:

Short essay: to assess knowledge.

5.2- Oral Exams: to assess knowledge.

توزيع الدرجات:

- Written exam 50 % of total marks :50 marks
- Oral exam 50 %:50 marks

طرق اخرى للتقييم بدون درجات

- Seminars preparation
- Log book
- Attendance and absenteeism

6- قائمة الكتب الدراسية والمراجع:

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تمت مناقشة التوصيف واعتماده في مجلس القسم رقم (٢٤٤) بتاريخ ٨-٩-٢٠١٣

المسنول عن المقرر: أ.د / سعاد درويش

رئيس القسم: أ.د عبد المنعم يونس ضوة