

# **Master Degree of Population Reproductive Health & Demography Log Book**

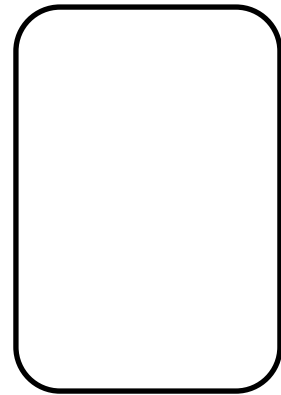
**” كراسة الأداء و الأنشطة ”**

**اللازمة لحصول المتدرب على درجة الماجستير فى الدراسات  
السكانية والصحة الإنجابية لائحة النقاط المعتمدة  
2021-2022**

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Personal photo



**Name**.....

**Date of birth**.....

**Address**.....  
.....

**Place of work**.....

**Telephones**.....**Mobile**  
**phone(s)**.....

**E mail**.....

Name of the department	Period of work	Department head signature

### Academic Information

MBBCh...../...../.....                      .....University                      Grade .....

Grade of Internal Medicine course on graduation .....

Others...../...../.....                      .....University

...../...../.....                      .....University

### **\* Aim of the activities book**

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

How do we count credit points?

- One credit point CP= 10 hours didactic lectures or = 5 hours active learning in (preparing material or presenting seminars) by the student.
- Or / One credit point CP=30 hours/week clinical training [outpatient or night shifts or department rotation hours]
- Or /One CP=2 field visits, [15 hours/visit which included preparatory work, visit and submitting a report]

### **Sections of the book**

For the whole program fill the following sections:

#### **1- Academic activities**

A- Document all academic activities e.g. lecture, journal clubs, workshops, field visits, field work, conference, services attended. This documentation should include the level of participation " attendance, preparation, presentation,....."

#### **2- Academic achievements**

A- Document all outcomes you achieved in the field of:-  
- Reports of field visits  
- Handout of seminar presented.  
- Projects assignments

#### **3- Formative assessment log**

This document all types of formative assessment attended e.g.:-  
- Quizes  
- Observations of clinical practice by tutor by checklist

## **For each Clinical module / course / rotation**

You should fill the following sections:-

### **1- Clinical case log**

1- You will first find list with all required cases in the concerned module and

the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.

2- You should record all clinical cases in the module and each case should be

signed by you trainer.

### **2- Clinical case presentation log**

Record the cases related to the module that you have presented in a seminar of the activity.

### **3- Procedures / operations log**

1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.

2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

### **4- Rotation / attendance proof**

You should have evidence of achievement the required training hours within each module.

## Program aims

1/1 To prepare physicians to be leaders in their communities by assessing RH needs of women, monitoring and evaluating their services, develop and implement interventions, have the communication skills with other stakeholders in their community.

1/2 Apply analytic skills of core public health courses to women's reproductive health.

1/3 Students should acquire competence in areas related to socio-economic, cultural, environmental, political determinants of reproductive health of women.

1/4 PHC physicians will be prepared to provide competent clinical reproductive health services relevant to the needs of the MOH RH programs.

## Curriculum Structure:

Duration of program 24 months up to 36 months

## Program Structure

### Program Time Table

Duration of program 2 years maximally 3 years divided into:

#### ○ Part 1[12 months]

Part 1.a. [1<sup>st</sup> 6 months]: The following basic science courses [6 months] are taught in part1: a. Epidemiologic methods for reproductive health, b. Basic Demography, c. Biostatistics, and Statistical Reasoning and d. Environmental Health. e. Primary Gynecology & Obstetrics. Students are free to take any of the elective courses in the first or second year.

Part 1.b. [2<sup>nd</sup> 6 months]: Residency training for 6 months in the Obstetrics & Gynecology outpatient, emergency room and department.

Students are allowed to set the exams of these courses after 12 months from applying to the M Sc degree.

- Review article for the MSc thesis;  
MSc thesis subject should be officially registered within 6 months from application to the MSc degree,

Discussion and acceptance of the thesis should not be set before 12 months from registering the M Sc subject;

It could be discussed and accepted before passing the second part of exam.

- **Part 2 [12 months]**

Program –related speciality courses:

Students are not allowed to set the exams of these courses before 2 years from applying to the MSc degree.

Part 2.a [6 months]

- a. Maternal Health in Developing countries
- b. Quality in Reproductive Health services
- c. Communication & counselling

Part 2.b [6 months]

- d. Family Planning policies and programs
- e. Adolescent health
- f. Social and behavioural determinants of health

***n.b. Fulfillment of the requirements in each course as described in the template and registered in the log book is a pre-requisite for candidates to be assessed and undertake part 1 and part 2 examinations.***

# First Part

## **Academic & Clinical activities of the first part**

### *Basic Science Courses*

- Epidemiologic methods for Reproductive Health
- Basic demography
- Basic statistics and statistical reasoning
- Environmental health.

### *Clinical supportive Course*

- Primary Obstetrics & Gynecology



# Course 1: Epidemiologic methods in Reproductive Health

## Requirements

- **Credit points (CP): 7 credit points; 4 CP for didactic and 3CP for applied training.**
- **Minimal rate of attendance is 80% of didactics and training.**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Epidemiologic methods in Reproductive Health/ didactics	4CP	Public Health & Community Medicine	40 hours	100%
Epidemiologic methods in Reproductive Health/	3CP	Public Health & Community Medicine	30 hours for didactics <u>Quantitative research &amp; methods (30 h)</u>	75%
	<u>3CP</u>		30 hours didactics; As[3hours/week for 10 weeks] <b><u>The following Quantitative research &amp; methods topics;</u></b>	<u>75%</u>
	0.25CP		<ul style="list-style-type: none"> <li>Sources of reproductive health data and information, <u>2.5h</u></li> </ul>	6.25%
	0.75CP		<ul style="list-style-type: none"> <li>Proposal writing, <u>7.5h</u></li> </ul>	18.75%
	0.5CP		<ul style="list-style-type: none"> <li>Descriptive studies, <u>5h</u></li> </ul>	12.5%
	1.5CP		<ul style="list-style-type: none"> <li>Analytic studies, <u>15h</u></li> </ul>	37.5%
	0.75CP		-Qualitative research & methods (0.75CP)7.5 hours (1.5 hours /lecture/ week for 5 weeks)	18.75%
	0.25CP		Formative assessment	6.25%
Student signature		Principle coordinator Signature	Head of the department signature	

Epidemiologic methods for Reproductive Health (Lectures)

20% of evaluation on attendance of lectures

Serial	Date	Required Attendance 80%	Topic	Signature
1.			Introduction to Reproductive Health Epidemiology	
2.			Frequency Measures of diseases	
3.			Sources of reproductive health data and information	
4.			Proposal writing	
5.			Quantitative research methods	
6.			Descriptive studies	
7.			Cohort studies	
8.			Case Control Studies	
9.			Experimental designs	
10.			Types of bias	
11.			Qualitative research methods FGDs & IDIs	
12.			Sample size & power	
13.			Survey sampling	

## Epidemiologic methods in Reproductive Health (Applied training)

Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 1; Epidemiologic methods in Reproductive Health	3CP	Public Health & Community Medicine	*Attend and practice in departments 3wks for applied training at least 30h/wk to fulfill the log of requirements and skills mentioned below at least three Assignments of the following[40% of the evaluation on assignments]; <b>0.75CP for each</b> <i>Main obligatory:</i> -Paper critique -Submitting a draft proposal* -Exploring sources of data -Participating in a survey -Designing a questionnaire* -Attending public health seminars* -Preparing a seminar -Or Other assignments	100%
	<i>0.75CP for each</i>			<i>25% for each</i>
Student signature			Principle coordinator signature	Head of the department signature

Date	Assignments [20% of the evaluation on assignments]	Signature
	90 hours (30 hours/week) fulfilling these requirement mentioned below (0.375 CP for each)	
	Paper critique	
	Submitting a draft proposal	
	Exploring sources of data	
	Participating in a survey	
	Designing a questionnaire	
	Attending public health seminars	
	Preparing a seminar	
	Or Other assignments	

# Course 2: Basic Demography

## Requirements

- Credit points (CP): 4 credit points; 2CP for didactic and 2CP for applied training.
- Minimal rate of attendance is 80% of didactics and training.

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 2; Basic Demography	<u>2.CP</u>  <u>0.2CP for each topic</u>	Public Health & Community Medicine	<u>20 hours ; 2 hours one lecture for 10 weeks]</u> 0.2 CP( 2h) for each module (lecture) <ul style="list-style-type: none"> <li>• Demography basics</li> <li>• Population composition</li> <li>• Measures of fertility</li> <li>• Measures of mortality</li> <li>• Lexis diagram</li> <li>• Standardization</li> <li>• Life tables</li> <li>• Measures of marriage</li> <li>• Measures of divorce</li> <li>• Measures of migration</li> </ul>	<u>100% of didactics (50% of course CP for didactics)</u>  <i>10% of didactics CP for each topic</i>
Applied training	2 CP		60 hours for training, attend and practice in department for training on required skills related to topics above as; 2 hours / week x 30 weeks.	100% of training (50% of course CP for training)
Student signature			Principle coordinator signature	Head of the department signature

**Basic Demography (Lectures)**  
20% of evaluation on attendance of lectures

SN	Date	Attendance	Topic	Signature
1.			Demography basics	
2.			Population composition	
3.			Measures of fertility	
4.			Measures of mortality	
5.			Lexis diagram	
6.			Standardization	
7.			Life tables	
8.			Measures of marriage	
9.			Measures of divorce	
10.			Measures of migration	



Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
<i>Basic Demography</i>	<u>2.CP</u>  0.25CP for 8 assignments	<i>Public Health &amp; Community Medicine</i>	<p><i>*Attend and practice in departments 60 h for applied training at least 30h/wk to fulfil the log of requirements and skills mentioned below Assignments [40% of the evaluation on assignments]; 0.25CP for at least 8 assignments:</i></p> <ul style="list-style-type: none"> <li>-Spectrum program to project population Dem Proj and submitting report</li> <li>-Population Pyramid assignment using EXCEL program</li> <li>-Field Visit to CAPMAS office Assiut with report writing</li> <li>-Standardization of rates assignment</li> <li>-Calculation of rates home work</li> <li>-Field visit to National Population Council Assiut office</li> <li>-Preparing seminar on a relevant topic</li> <li>-Attending conferences or seminars</li> <li>-Others as decided by tutor</li> </ul>	<p><u>100%</u>  <u>12.5%</u> for each</p>
Student signature			Principle coordinator signature	Head of the department signature

## Basic Demography (Applied training)

Date	Assignments [40% of the evaluation on assignments]	Signature
	60 hours (6 hours/week)	
	Life Tables	
	SPECTRUM PROGRAM to project population DemProj and submitting report	
	Population Pyramid assignment using EXCEL program	
	Field Visit to CAPMAS office Assiut with report writing	
	Standardization of rates assignment	
	Calculation of rates home work	
	Field visit to National Population Council Assiut office	
	Preparing seminar on a relevant topic	
	Attending conferences or seminars	
	Others as decided by tutor	

# Course 3: Basic Statistics and Statistical Reasoning

## Requirements

- Credit points: 7 credit point(CP) ;4 CP for didactic and 3CP for applied training in STAT LAB].
- Minimal rate of attendance is 80% of didactics and training.

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course3; Basic Statistics & Statistical Reasoning	<u>7CP</u>	Public Health & Community Medicine	4CP for didactics & 3 CP for training	Total CP course
	<u>3.5CP</u>		<u>35 hours;2 hours/week for 18* weeks) for didactics</u>	87.5% of didactics(50% of CP course)
	<i>0.2CP for each topic</i>		0.2 CP for each topic mentioned table below	5% of didactics for each topic
	<u>0.5CP</u>		Formative assessment; (2 formative assessments) 0.25CP for each	12.5% of didactics (7.1 % of CP course)
Applied training	3 CP		90 hours for training (2 hours/week in lab for 18 weeks; 36 hours) including fulfilling Homework assignments using a dataset (54 hours)	100% of training(42.8% of CP course for training)
Student Signature			Principle coordinator signature	Head of the department signature

## Basic Statistics & Statistical Reasoning (Lecture)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
1.			Introduction & types of variables	
2.			Organization of data	
3.			Description of the quantitative data <ul style="list-style-type: none"> <li>Measures of central tendency</li> </ul>	
4.			Description of the quantitative data <ul style="list-style-type: none"> <li>Measures of dispersion</li> </ul>	
5.			Description of the quantitative data <ul style="list-style-type: none"> <li>Graphic presentation</li> </ul>	
6.			Description of the qualitative data <ul style="list-style-type: none"> <li>Frequencies</li> <li>Percentages</li> </ul>	
7.			Description of the qualitative data <ul style="list-style-type: none"> <li>Graphic presentation</li> </ul>	
8.			Hypothesis testing	
9.			Normal distribution	
10.			P value	
11.			Confidence interval	
12.			Students t test Mann-Whitney test	
13.			Paired t test Wilcoxon & sign tests	
14.			ANOVA test	
15.			Correlation <ul style="list-style-type: none"> <li>Pearson correlation</li> <li>Spearman correlation</li> </ul>	
16.			Chi square test	
17.			Regression (univariate & multivariate) <ul style="list-style-type: none"> <li>Linear</li> <li>Logistic</li> </ul>	
18.			Revision	

Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course3; Basic Statistics & Statistical Reasoning	<u>3CP</u> Include: 1.2CP	Public Health & Community Medicine Applied training in STAT lab	*Attend and practice in departments for 36 h at least (2 hours/week in lab for 18 weeks; for applied training in STAT lab including fulfilling homework activities at least 54h to fulfil the log of requirements and skills mentioned below including;  Homework assignments using a dataset (54 hours). NB. Assignments [20% of the evaluation on assignments].	<u>100%</u>  40%
	1.8CP			60%
Student Signature			Principle coordinator signature	Head of the department signature

## Basic Statistics & Statistical Reasoning (Applied training)

Serial	Date	Assignments [20% of the evaluation on assignments]	Signature
		54 hours homework assignments	
1.		Creating data entry file using SPSS I	
2.		Creating data entry file using SPSS II	
3.		Exporting Excel data entry file into SPSS	
4.		Description of the quantitative data using SPSS <ul style="list-style-type: none"> <li>• Measures of central tendency</li> <li>• Measures of dispersion</li> <li>• Graphic presentation</li> </ul>	
5.		Description of the qualitative data <ul style="list-style-type: none"> <li>• Frequencies</li> <li>• Percentages</li> <li>• Graphic presentation</li> </ul>	
6.		Graphic presentation of the data using Excel	
7.		testing normality of the quantitative data using SPSS	
8.		Paired t test Wilcoxon & sign tests	
9.		ANOVA test	
10.		Correlation <ul style="list-style-type: none"> <li>• Pearson correlation</li> <li>• Spearman correlation</li> </ul>	
11.		Chi square test	
12.		Regression (univariate & multivariate) <ul style="list-style-type: none"> <li>• Linear</li> <li>• logistic</li> </ul>	



# Course 4: Environmental Health

## Requirements

- **Credit points: 4 credit points (CP); 2 CP for didactic and 2CP for applied training.**
- **Minimal rate of attendance is 80% of didactics and training.**



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 5; Environmental Health	4CP	Public Health & Community Medicine	2 CP for didactics and 2CP for training.	100% of course CP
	1.75CP		17.5 hours (1 <sup>3</sup> / <sub>4</sub> hour/week for 10 weeks)	87.5% of didactics(43.5% of course CP)
	<i>0.175 CP for each topic</i>		<i>1.75h for each topic mentioned in table below.</i>	<i>10% of didactics for each topic</i>
	0.25CP		One formative assessment	12.5% of didactics (6.25% of course CP)
Applied training	2.0 CP		60 hours for training	100% of training(50% of course CP)
Student signature			Principle coordinator signature	Head of the department signature

## Environmental Health (Lectures)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
1.			Introduction to Reproductive Health and the Environment Developmental and environmental origins of adult disease	
2.			Biology and Physiology of Reproductive Systems [Genetics – Endocrine system – Female Reproductive system – Male Reproductive System]	
3.			Environmental Exposures and Reproductive Health - Case Studies: Examples from Wild Life	
4.			Female Reproductive Health and the Environment	
5.			Case Studies: DES – Dioxins – Methyl mercury - Pesticides	
6.			Male Reproductive Health and The Environment	
7.			Case Studies: DDT – PCBC –Bisphenol A	
8.			Food born hazards to the developing fetus	
9.			Water born hazards and water sanitation	
10.			Preventing RH Problems	

### Environmental Health (Applied training)

Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Environmental Health	2CP  <i>1CP for each</i>	Public Health & Community Medicine	<i>*Attend and practice in departments for 60 h to fulfil the log of requirements and skills mentioned below including assignments of;</i> -Field visit and reporting. - Seminars presentation.	<u>100% of training</u>  <i>50% for each activity</i>
Student signature			Principle coordinator signature	Head of the department signature

NB. 20% of the evaluation on assignments].

### Environmental Health (Applied training)

Serial	Date	Assignments [20% of the evaluation on assignments]	Signature
		60 hours field visit and reporting & seminars presentation	
1.		Field visit: A visit to the water plant of Assiut	
2.		Assignment: Written Report on the water sources of Assiut City, monitoring water quality, steps of water purification.	
3.		Assignments: A written report on Bylaws regulating water sanitation in Egypt (Source MOHP environmental affairs sector	
4.		Assignment: Prepare a power point presentation on impact of environment on RH (audience to be decided by the instructor)	



# Course 5: Primary Obstetrics & Gynecology

## Requirements

- **Credit points: 32 CP; 2 credit point didactic and 30 CP for training speciality clinical work.**
- **Minimal rate of attendance is 80% of didactics and training.**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Primary Obstetrics & Gynecology	2CP	Obstetrics & Gynecology	<p><b>20 hours ; 2 hours/week for 10 weeks)</b></p> <p><b>A)2hour(0.2 CP) for each topic</b></p> <ul style="list-style-type: none"> <li>• Normal labour</li> <li>• Antenatal care</li> <li>• Female physiology</li> <li>• Medical disorders of pregnancy</li> <li>• Obstetric haemorrhage</li> <li>• Genital tract infection</li> <li>• Perlvic pain &amp; pelvic mass.</li> </ul> <p><b>B)6hours( 0.6 CP) for Contraception module (hormonal &amp; non-hormonal).</b></p>	100% of didactics
	0.2CP for each			70% for A (10% of didactics for each )
	0.6CP			30% of didactics for B
Student signature			Principle coordinator signature	Head of the department signature

## Obstetrics & Gynecology (Lectures)

20% of evaluation on attendance of post graduate lectures/ tutorials

Serial	Date	Attendance	Topic	Signature
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

### A - Clinical case log

#### Requirements

- Total hours:900 hours residency training, (40 hours/week for 6 months).
- Daily outpatient clinics 4 hours/day; antenatal care, postnatal care, family planning, gynecology, post abortion care etc
- Attending emergency room of obstetrics & gynecology (8 hours Night shift 2/week)

Course training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Primary Obstetrics & Gynecology	30 CP	Obstetrics & Gynecology	<p><i>*Attend and practice in Obstetrics &amp; Gynecology departments for ;900 hours (40 hours/week for 6 months) to fulfil clinical case log and procedures of requirements and skills* mentioned below including</i></p> <ul style="list-style-type: none"> <li>- Daily outpatient clinics 4 hours/day; antenatal care, postnatal care, family planning, gynecology, post abortion care etc.</li> <li>-Attending emergency room of obstetrics &amp; gynecology (8 hours Night shift 2/week)</li> </ul>	<u>100 % of training</u>
	Includes:  9CP			30% of training
	19CP			63.3% of training
	2CP		Formative Assessment	6.7 % of training
Student signature			Principle coordinator signature	Head of the department signature

NB\* See table below for detailed activities and weighting of these requirement for training course.

*Obstetrics and Gynaecology  
Clinical case log  
List of requirements*

ANC Normal	40 cases
Assessment of fetal wellbeing:	
• CTG	20 cases
• Ultrasound assessment	20 cases
DM with Pregnancy	10 cases
PIH	10 cases
Renal Diseases with pregnancy	5 cases
Rheumatic Heart disease with pregnancy	5 cases
Hematological disorders with pregnancy	2 cases
Gastrointestinal diseases with pregnancy	2 cases
Respiratory diseases with pregnancy	2 cases
Thyroid disorders with pregnancy	2 cases
Neurological diseases with pregnancy	1 cases
SLE and rheumatoid arthritis	2 cases
DVT with pregnancy	2 cases
Psychiatric disorders	1 cases
Skin diseases with pregnancy	1 cases
Vomiting with pregnancy	5 cases
Bleeding in early pregnancy	10 cases
Bleeding in late pregnancy	10 cases
Premature rupture of membrane	5 cases
IUGR	3 cases
Oligohydramnios	3 cases
Polyhydramnios	2 cases
Multiple pregnancy	5 cases
Mal-presentations	4 cases
IUFD	4 cases
Fetal anomalies	2 cases
Decrease fetal movement	5 cases
Recurrent pregnancy loss	3 cases
Infections during pregnancy	2 cases
Ultrasound in Obstetrics	10 cases
Postnatal consultation	10 cases
Contraceptive advice	20 cases
Breast problems	5 cases
Menstrual irregularities	5 cases
Premenstrual Syndrome	4 cases
Amenorrhea	5 cases
Dysmenorrhea	2 cases
Endometriosis	3 cases
Dyspareunia	2 cases





Pelvic inflammatory disease	1 case
Postmenopausal bleeding	3 cases
Hormonal replacement therapy	2 cases
Benign ovarian cysts	2 cases
Vaginal discharge	5 cases
Hirsutism	1 case
Non neoplastic vulval conditions	1 case
Fibroids	5 cases
Management of premalignant conditions of the cervix, endometrium and lower genital tract.	2 cases
Choriocarcinoma	
Cancer cervix	1 case
Endometrial Cancer	3 cases
Vulval cancer	1 case
Stress urinary problems	2 cases
Female infertility	5 cases
Sexual transmitted infection	1case
Psychosexual problems	1 case

### A-Clinical case log in outpatient clinic

Diagnosis of case	Level of competency*	Tally	Total number	Signature

\*Level of competency

1= Plan and carry out

2= Carry out

3= Carry out under supervision

### A-Clinical case log in the emergency room

Diagnosis of case	Level of competency*	Tally	Total number	Signature

\*Level of competency

1= Plan and carry out

2= Carry out

3= Carry out under supervision

## Clinical rounds

### Requirements:

- Attendance of at least 30% of clinical rounds of each one of the 3 staff groups

### Clinical rounds log

#### Group A

Date	Attendance	Case presentation	Signature of supervisor

### B- Clinical Seminars

### Requirements

- Attendance of at least 30% of the clinical seminars
- Presentation of at least 3 times in the seminar
- Log of at least 1 evidence-based guideline

### B- Clinical Seminars log

#### First: Attendance

Date	Type of participation*	Topic	Signature

\*1= Attendance

2= Case presentation

## C- Procedures log book

### Requirements:

- **Observe:**
  - 2 External cephalic version
  - 5 Fetal blood sampling
  - 2 Shoulder dystocia
  - 4 Obstetric haemorrhage
  - 3 Maternal collapse
  - 3 Retained placenta
  - 5 CS for placenta previa
  - 1 Rupture uterus
  - 3 Repair of the rectum and external anal sphincter
  - 3 Surgical management of endometriosis
  - 2 Laparoscopic management of ectopic pregnancy
  - 2 Operative hysteroscopy
  - 5 Operative laparoscopy
  - 5 Surgical management of gynecological neoplasm
  - 2 Bladder neck suspension operations
  - 2 Repair of vault prolapse
- **Log of under supervision:**
  - 5 Cervical cerclage
  - 10 Vaginal birth after CS
  - 5 Advise about pain relief
  - 10 Prolonged labour
  - 5 Fetal acidaemia
  - 5 Assisted breech delivery
  - 4 Instrumental vaginal delivery
  - 2 Vaginal delivery of twins
  - 1 Caesarean hysterectomy
  - 3 Perineal and vaginal tears
  - 5 Surgical termination of pregnancy
  - 5 Surgical management of ectopic pregnancy
  - 5 Colposcopic examination



- 
- 2 Vaginal hysterectomy
  - 1 Abdominal hysterectomy
  - 5 Diagnostic laparoscopy
  - 5 Diagnostic hysteroscopy
  - **Independently Perform:**
    - 20 Normal labour
    - 20 Obstetric Ultrasound
    - 10 Induction of Labour
    - 20 Uncomplicated CS
    - 20 Partograph assessment.
    - 5 Transverse lie in labour
    - 2 Cord prolapse
    - 2 Intrauterine infection
    - 4 Intrauterine fetal death
    - 2 Caesarean Sterilization
    - 4 Immediate resuscitation of the newborn
    - 10 Contraceptive advise
    - 5 Medical termination of pregnancy
    - 2 Repair of anterior prolapse
    - 2 Repair of posterior prolapsed
  - **Order and interpret:**
    - 20 CTG
    - 10 HSG
    - 10 Semen analysis
    - 10 Urine analysis
    - 10 Beta HCG level
    - 5 Abdominal ultrasound
    - 2 Chest x-ray
    - 5 Ovulation monitoring scans
    - 5 Hormonal profile for infertile women
    - 2 Urodynamic studies
    - 2 Cystoscopy
    - 5 Cytology reports
    - 10 Preoperative investigation reports

### Procedures performed in outpatient clinic

Type	Level of competency*	Tally	Total number	Signature

\*Level of competency

1= Plan and carry out

2= Carry out

3= Carry out under supervision

### Procedures performed in the emergency room

Type	Level of competency*	Tally	Total number	Signature

\*Level of competency

1= Plan and carry out

2= Carry out

3= Carry out under supervision

**Detailed Obstetrics & Gynecology Clinical Residency Training activities (6 Months)**

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points	
Course 5; Obstetrics & Gynecology	9 CP	Obstetrics & Gynecology	<ul style="list-style-type: none"> <li>➤ Daily outpatient clinics 4 hours/day; antenatal care, postnatal care, family planning, gynecology, post abortion care etc and fulfilling of the following:</li> <li>➤ Log of outpatients listed below</li> <li>➤ Procedures log as listed below</li> </ul>	<u>30% of course training</u> 6.7%	
	2CP for attendance				11.66%
	3.5 CP				11.66%
	3.5 CP				
	<u>19CP</u>				<ul style="list-style-type: none"> <li>➤ Attending emergency room of obstetrics &amp; gynecology</li> <li>➤ 8 hours Night shift 2/week</li> <li>➤ Log of normal deliveries attended, EMOC managed</li> <li>➤ Attending ultra sonography</li> </ul>
12CP					
6.5%CP					
0.5CP					
	2CP		➤ Formative assessment	6.7%	
Student signature			Principle coordinator Signature	Head of the department signature	

# Speciality course

## Second part

Course 'Titles' list	% from total Marks	Level (Year)	Core Credit points				
			Didactic		training		Total
Course 6;Maternal Health in Developing countries	15.38%	2,3	4		12		16
Course 7;Quality in Reproductive Health services	15.38%	2,3	4		12		16
Course 8;Communication & Counseling	23.1%	2,3	4		20		24
Course 9;Family Planning Policies and Programs	15.38%	2,3	4		12		16
Course 10;Adolescent Health	15.38%	2,3	4		12		16
Course 11;Social and Behavioral Determinants of Health	15.38%	2,3	4		12		16
<b>Total No. of courses: 6 Courses</b>	<b>100%</b>		-				
			<b>24</b>		<b>80</b>		<b>104</b>

- Didactics teaching could be fulfilled at 2<sup>nd</sup> year
- Training could be achieved at any time 2<sup>nd</sup> or 3<sup>rd</sup> year.

# Course6: Maternal Health in Developing Countries

## Requirements

- Credit points: 16.0 credit points [4 didactic and 12 applied training].
- Minimal rate of attendance is 80% of didactics and training.



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 6: Maternal Health in Developing countries Didactics	16CP	Public Health & Community Medicine	4CP for didactics and 12 CP for training	100% of course CP
	4.0CP		40 hours [2 hours/week for 20 weeks] 0.2 CP for each lecture mentioned in table below.	100% of didactics(25.0% of course CP)
Applied Training of Course 6: Maternal Health in Developing countries Didactics	2.0CP		Participate in preparing and presenting 2 Seminars 1 CP for each	16.7% of training CP(12.5% of CP course)
	9.5credit points		<u>300 hours</u> Attend MCH clinic 15 hours/week for 20 weeks and practiced required skills related to topics above.	79.2% of training(59.4% of course CP)
	0.5CP		Formative assessment	4.2% of training(3.1% of course CP)
Student signature				Principle coordinator signature

## Maternal Health in Developing countries (Lectures)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
1.				
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## Maternal Health in Developing countries (Applied training)

Serial	Date	Assignments [30% of the evaluation on assignments] 290 hours MCH clinic work and reporting & 10 hours seminar preparation and presentation	Signature
1.			
2.			
3.			
4.			
5.			
6.			

# Course 7: Quality in RH Services

## Requirements

- Credit points: 16.0 credit points [4 didactic & 12 applied training].
- Minimal rate of attendance is 80% of didactics and training.

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 7; Quality in RH services	16CP	Public Health & Community Medicine	4CP for didactics and 12 CP for training	100% of course CP
Course 7; Quality in RH services Didactics	4.0 CP		40 hours [2 hours/week for 20 weeks] <ul style="list-style-type: none"> <li>• Dimensions of quality 2.5h(0.25 CP)</li> <li>• Infrastructure of quality improvement 2.5h (0.25 CP)</li> <li>• Quality improvement cycle 5h (0.5 CP)</li> <li>• Tools of quality improvement 20h(2 CP)</li> <li>• Monitoring &amp; assessment 5h(0.5 CP)</li> <li>• Clinical audit 5h(0.5 CP)</li> </ul>	100% of didactics(25.0% of course CP)
	0.25CP			6.25%
	0.25CP			6.25%
	0.5CP			12.5%
	2CP			50%
	0.5CP	12.5%		
Applied training	11.5CP	360 hours [ 8 ½ hours/ week for 40 weeks] - Attend and practice in department 8 ½ hours/ week for 40 weeks for Preparing quality improvement project (0.3 CP /week) for each assignment	95.5% of course training(71.9% of course CP)	
	0.5CP		Formative assessment	4.5% of course training(4.1% of course CP)
Student signature			Principle coordinator signature	Head of the department signature

## Quality in RH services (Lecture in details)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
1.			Definitions	
2.			Importance of QI	
3.			Dimensions of Quality in health care	
4.			Quality improvement steps	
5.			Quality improvement cycle	
6.			Infrastructure of Quality improvement	
7.			Planning for Quality improvement	
8.			Implementing Quality improvement	
9.			Tools of Quality improvement I	
10.			Tools of Quality improvement II	
11.			Tools of Quality improvement III	
12.			Monitoring & evaluation	
13.			Quality improvement strategies	
14.			Quality improvement applications	
15.			Clinical audit	
16.			Quality improvement models	
17.			Quality improvement in Egypt	
18.			Presentation of Quality improvement projects	
19.			Revision I	
20.			Revision II	

### Quality in RH services (Applied Training)

Serial	Date	[30% of the evaluation on assignments]	Signature
		Preparing a quality improvement project in MCH or FP clinic and submitting a report and presenting a seminar.	
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# Course 8: Communication & Counselling

## Requirements

- Credit points: 24.0 credit points [4 didactic and 20 applied training].
- Minimal rate of attendance is 80% of didactics and training.



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 8; Communication & Counselling	24CP	Public Health & Community Medicine	4CP for didactics and 20CP for training.	100% of course CP
Course 8: Communication & Counselling didactics	<u>4 CP</u>		40 hours [2 hours/week for 20 weeks]	<u>100% of didactics(16.6% of course CP)</u>
	0.5 CP		• Communication barriers 5h(0.5 CP)	12.5%
	0.5 CP		• Communication frameworks 5h (0.5 CP)	12.5%
	0.5 CP		• Communication theories 5h (0.5 CP)	12.5%
	0.5 CP		• Communication strategies & program analysis 5h(0.5 CP)	12.5%
	1.8CP		• Counseling module 18h(1.8CP)	45%
	0.2CP		• Formative assessment	5%
Applied training	18.0CP		Attend and practice in department for training of Preparing material and conducting 10 group health education sessions [5 hours/session * 10= 50 hours]	90% of training(75.0% of course CP)
	1.0CP		Formative assessment [ 4 formative assessment] 0.25 CP for each	5% of training(4.2% of course CP)
	1.0 CP		Conduct 2 Field visits to Health education administration of MOHP	5% of training(4.2% of course CP)
Student signature			Principle coordinator signature	Head of the department signature

## Communication & Counseling (Lecture)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
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## Communication & Counselling (Applied Training)

Serial	Date	[30% of the evaluation on assignments]	Signature
		Preparing material and conducting 4 group health education sessions	
		Formative assessment [2 assessments]	
		Field visit to Health education administration of MOHP	

# Course 9: Family Planning

## Policies & Programs

### Requirements

- **Credit points:** 16 credit points [4 didactic and 12 CP for applied training].
- **Minimal rate of attendance is 80% of didactics and training.**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
<b>Course 9: Family Planning Policies &amp; Programs</b>	16 CP	Public Health & Community Medicine	4CP for didactics and 12 CP for training.	100% of course CP
<b>Course 9: Family Planning Policies &amp; Programs didactics</b>	<u>4.0CP</u> 0.5CP 0.5CP 0.5CP 0.5CP 0.9CP 0.9CP 0.2CP	Public Health & Community Medicine	40 hours [2 hours/week for 20 weeks <ul style="list-style-type: none"> <li>• Fertility measures 5h (0.5 CP)</li> <li>• Determinants of fertility 5h(0.5 CP)</li> <li>• Contraceptive technology 5h (0.5 CP)</li> <li>• Economic consequences of fertility regulation 5h(0.5 CP)</li> <li>• Family planning programs 9h(0.9 CP)</li> <li>• Family planning policies 9h(0.9CP).</li> <li>• Formative assessment.</li> </ul>	<u>100% of didactics(25.0% of course CP )</u> 12.5% 12.5% 12.5% 12.5% 22.5% 22.5% 5%
Applied training for <b>Course 9: Family Planning Policies &amp; Programs</b>	8.5CP	Public Health & Community Medicine	Field visits & reporting: FP administration of MOHP National Population Council	56.25%
	1.0CP		Attend and Practice for training on the use of Fam Plan module of SPECTRUM program [10 hours active learning]	8.3% of training(6.25 % of course CP)
	2.0CP		Practice for; -Presenting EDHS findings -Presenting ESPA results	16.7% of training(12.5% of course CP)
	0.5CP		Formative assessment	4.2% of training (3.1% of course CP)
Student signature			Principle coordinator signature	Head of the department signature

## Family Planning Policies & Programs (Lecture)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
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## Family Planning Policies & Programs (Applied Training)

Serial	Date	[30% of the evaluation on assignments]	Signature
		Field visits & reporting: FP administration of MOHP National Population Council	
		Training on the use of FamPlan module of SPECTRUM program [10 hours active learning]	
		Presenting EDHS findings Presenting ESPA results	

# Course 10: Adolescent Health

## Requirements

- **Credit points:** 16 credit points [4 didactic and 12 CP for applied training].
- **Minimal rate of attendance is 80% of didactics and training.**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points	
Course 10; Adolescent Health	16 CP	Public Health & Community Medicine	4 CP for didactics and 12CP for training.	100% of course CP	
Course 10; Adolescent Health didactics	<u>4.0CP</u> 0.5CP 0.5CP 0.5CP 0.5CP 0.9CP 0.9CP 0.2CP		40 hours [2 hours/week for 20 weeks	<ul style="list-style-type: none"> <li>Adolescence &amp; ecological frameworks 5h (0.5 CP)</li> <li>Physical &amp; psychological development 5h(0.5 CP)</li> <li>Brain development &amp; Emotional 5h(0.5 CP)</li> <li>Adolescent surveys in Egypt 5h(0.5 CP)</li> <li>Adolescent health problems 9h(0.9CP)</li> <li>Adolescent programs &amp; services 9h(0.9CP).</li> <li>Formative assessment.</li> </ul>	<u>100% of didactics(25% of course CP)</u> 12.5%  12.5% 12.5% 12.5% 22.5% 22.5% 5%
Applied training of Course 10; Adolescent Health	8.5CP		Perform 10 Field visits & reporting on the following: -NGOs working with adolescents -Health Insurance services for school students	70.8% of training (53.12% of course CP)	
	1.0CP		Practice and trained on identifying needs of adolescents by FGDs	8.3% of training(6.25 % of course CP)	
	2.0CP		Practice training on; -Presenting SYPE findings -Presenting ASCE survey results	16.66% of training(12.5 % of course CP)	
	0.5CP		Formative assessment	4.2% of unit training(3.1% of course CP)	
Student signature				Principle coordinator signature	Head of the department signature

### Adolescent Health (Lectures)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
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### Adolescent Health (Applied Training)

Serial	Date	[30% of the evaluation on assignments]	Signature
		10 Field visits & reporting on: NGOs working with adolescents Health Insurance services for school students	
		Identifying needs of adolescents by FGDs	
		Presenting SYPE findings Presenting ASCE survey results	



# Course11: Social and Behavioural Determinants of Health

## Requirements

- **Credit points:** 16 credit points [4 didactic and 12 CP for applied training].
- **Minimal rate of attendance is 80% of didactics and training.**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Course 11: Social and Behavioural Determinants of Health	16CP	Public Health & Community Medicine	4CP for didactics and 12 CP for training.	100% of course CP
Course 11: Social and Behavioural Determinants of Health	4.0CP 3.8CP for topics  0.2CP		40 hours [2 hours/week for 20 weeks <b>Definitions</b> <b>List of SODH</b> <b>Examples of SODH</b> <b>Importance of SODH</b> <b>Stakeholders</b> <b>Theories of SODH</b> <b>Measures on SODH</b> <b>Principles of social change</b>  Formative assessment	100% of didactics(25.0% of course CP) 95%  5%
Applied training of Course 11: Social and Behavioural Determinants of Health	8.5CP		Perform Field visits & reporting: To NGOs working on gender, domestic violence, FGM	70.8% of training (53.12% of course CP)
	2.0CP		Practice Using in-depth interviews or FGDs to identify gender issues affecting women's health	16.66% of training(12.5 % of course CP)
	1.0CP		Organize and perform Seminar presentation on social determinants of health in Egypt	8.3% of training(6.25 % of course CP)
	0.5CP		Formative assessment	4.16% of training(3.1%_of course CP)
Student signature			Principle coordinator Signature	Head of the department signature

## Social and Behavioural Determinants of Health (Lecture)

20% of evaluation on attendance of lectures

Serial	Date	Attendance	Topic	Signature
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## Social and Behavioural Determinants of Health (Applied Training)

Serial	Date	[30% of the evaluation on assignments]	Signature
		Field visits & reporting: To NGOs working on gender, domestic violence, FGM	
		Using in-depth interviews or FGDs to identify gender issues affecting women's health	
		Seminar presentation on social determinants of health in Egypt	

# Elective Course

## Requirements

● **Credit points:** 2 credit points.

- Minimal rate of attendance 80% of lectures and 80% of training

## One of these courses

- Evidence based medicine.
- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
- Quality assurance of medical education.

Name of the elective course: -----

### Elective Course Lectures

Date	Attendance	Topic	Signature



كلية الطب



Department of Public Health  
& Community Medicine  
Faculty of Medicine

## Elective Course Practical skills

Date	Attendance	Topic	Signature



**Other scientific activities**

**Academic activities**

**Lecture, journal club, conference, workshop**

Activity	Your role **	Date	Signature of supervisor

\*\* Your role:-  
 A- Attendance  
 B- Organization  
 C- Presentation

Formative assessment

Exam	Score	Grade*	Date	Signature

- \* Grade
- A- Excellent
- B- Very good
- C- Good
- D- Pass





**Formative assessment and MCQ**

<b>Exam</b>	<b>Score</b>	<b>Grade*</b>	<b>Date</b>	<b>Signature</b>

- \* Grade**
- A- Excellent
- B- Very good
- C- Good
- D- Pass



## الرسائل العلمية

### عنوان الرسالة

عربي : \_\_\_\_\_

انجليزي : \_\_\_\_\_

المشرفون : \_\_\_\_\_

1- \_\_\_\_\_

2- \_\_\_\_\_

3- \_\_\_\_\_

4- \_\_\_\_\_

تاريخ القيد لدرجة : \_\_\_\_\_ / /

تاريخ التسجيل الموضوع : \_\_\_\_\_

المتابعة الدورية : \_\_\_\_\_

التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين

## Declaration

Course Structure Mirror	Responsible (Course ) Coordinator Name:	Signature	Date
<b>First Part</b>			
Course 1			
Course 2			
Course 3			
Course 4			
Course 5			
<b>Second Part</b>			
Course 6			
Course 7			
Course 8			
Course 9			
Course 10			
Course 11			
- Elective Course (s) Certificate (s) Dates:			
- Master Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Public Health & Community Medicine M Sc Degree Principle Coordinator:			
Date approved by Public Health & Community Medicine Department Council:			

يعتمد ،  
رئيس القسم