

**Ministry of Higher Education and Scientific Research  
Scientific Supervision and Scientific Evaluation Apparatus  
Directorate of Quality Assurance and Academic Accreditation  
Accreditation Department**



# **Academic Program and Course Description Guide**

2024

## **Introduction:**

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

## **Concepts and terminology:**

**Academic Program Description:** The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

**Course Description:** Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

**Program Vision:** An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

**Program Mission:** Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

**Program Objectives:** They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

**Curriculum Structure:** All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

**Learning Outcomes:** A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

**Teaching and learning strategies:** They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

## Academic Program Description Form

**University Name:** university of Diyala

**Faculty/Institute:** college of medicine

**Scientific Department:** obstetrics and gynecology

**Academic or Professional Program Name:** human medicine

**Final Certificate Name:** Bachelor of Medicine and General Surgery

**Academic System:** Courses (first course + second course)

**Description Preparation Date:** 2023

**File Completion Date:** ٢٠٢٤/٢/٨

**Signature:**

**Head of Department Name:**

**Date:** 8/2/2024

**Signature:**

**Scientific Associate Name:**

**Date:**

٢٠٢٤/٢/٨

**The file is checked by:**

**Department of Quality Assurance and University Performance**

**Director of the Quality Assurance and University Performance Department:**

**Date:**

**Signature:**

**Approval of the Dean**

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## 1. Program Vision

Effective contribution to medical progress through education and preparing qualified doctors to provide the best medical services  
And continuing scientific research in all medical fields  
Preparing doctors with competence and scientific experience to diagnose and treat women's diseases and problems of pregnancy and childbirth  
To which both the pregnant woman and the fetus are exposed

## 2. Program Mission

- Excellence in innovating and following advanced scientific methods in diagnosing and treating women's diseases and problems of pregnancy and childbirth  
Which both the pregnant woman and the fetus are exposed to, and the preparation of scientific medical research that contributes to community service.  
- Establishing solid relations with researchers in international universities.

## 3. Program Objectives

1. Graduating doctors and scientists who possess scientific backgrounds and clinical and research skills
2. Strive to obtain a specialization degree in various medical specialties
3. Contributing to preparing future leaders in the health and educational fields
4. Introducing modern educational methods and advanced technologies into teaching methods and preparing educational programs for the college  
Employing information and communication technologies in the process of transferring production, knowledge, scientific research, and preparing programs  
Scientific.
5. Activating participation, coordination and integration between the college and society through holding seminars, conferences and seminars.  
Study session to discuss health and scientific issues of the country.
6. Establishing cultural exchange relations and bilateral or collective agreements with Arab universities and professional organizations  
Globalism

## 4. Program Accreditation

Theoretical and practical study and discussions of in-person and electronic blended learning (via the Classroom platform)

## 5. Other external influences

**Institution**

**Requirements**

**College**

**Requirements** hospital, the library, the Internet, the community, the Doctors Syndicate

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<b>6. Program Structure 4<sup>th</sup> academic level</b>				
<b>Program Structure</b>	<b>Number of Courses</b>	<b>Credit hours</b>	<b>Percentage</b>	<b>Reviews*</b>
<b>Enterprise requirements</b>	<b>1</b>	<b>6 hours 1<sup>st</sup> course 6 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>College requirements</b>	<b>1</b>	<b>6 hours 1<sup>st</sup> course 6 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>Department requirements</b>	<b>1</b>	<b>6 hours 1<sup>st</sup> course 6 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>summer training</b>	<b>nothing</b>			

<b>6. Program Structure 5<sup>th</sup> academic level</b>				
<b>Program Structure</b>	<b>Number of Courses</b>	<b>Credit hours</b>	<b>Percentage</b>	<b>Reviews*</b>
<b>Enterprise requirements</b>	<b>1</b>	<b>3 hours 1<sup>st</sup> course 3 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>College requirements</b>	<b>1</b>	<b>3 hours 1<sup>st</sup> course 3 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>Department requirements</b>	<b>1</b>	<b>3 hours 1<sup>st</sup> course 3 hours 2<sup>nd</sup> course</b>	<b>100</b>	<b>basic</b>
<b>summer training</b>	<b>nothing</b>			



<b>6. Program Structure 6<sup>th</sup> academic level</b>				
<b>Program Structure</b>	<b>Number of Courses</b>	<b>Credit hours</b>	<b>Percentage</b>	<b>Reviews*</b>
<b>Enterprise requirements</b>	<b>1</b>	<b>12 hours</b>	<b>100</b>	<b>basic</b>
<b>College requirements</b>	<b>1</b>	<b>12 hours</b>	<b>100</b>	<b>basic</b>
<b>Department requirements</b>	<b>1</b>	<b>12 hours</b>	<b>100</b>	<b>basic</b>
<b>summer training</b>	<b>nothing</b>			

<b>7. Program Description</b>				
<b>Year/Level</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Credit Hours</b>	
<b>4<sup>th</sup></b>	<b>OBGY405 OBGY406</b>	<b>obstetrics</b>	<b>120</b>	<b>120</b>
<b>5<sup>th</sup></b>	<b>GYN511</b>	<b>gynecology</b>	<b>60</b>	<b>60</b>
<b>6<sup>th</sup></b>	<b>OBGY603</b>	<b>Obstetrics and gynecology</b>	<b>360</b>	<b>360</b>

## 8. Expected learning outcomes of the program

### Knowledge

Learn to take a medical history and clinical examination for pregnant women  
Learn the stages of human development

Explaining the physiological changes in a woman's body  
Statement of diseases affecting the reproductive system

### Skills

Performance skills by involving the student in the lesson and clinical training

Demonstrating the student's ability to diagnose and treat diseases

### Ethics

Enhancing the spirit of cooperation and teamwork  
Enhancing moral and humanitarian aspects

Conducting awareness and guidance campaigns  
Highlighting the humanitarian and moral aspects

## 9. Teaching and Learning Strategies

1. Theoretical lectures and practical application
2. Weekly seminars and discussions
3. Small group discussions suggest solutions to individual and societal problems

## 10. Evaluation methods

1. Daily theoretical and practical exams
2. Mid-course and end-of-course exams
3. Seminars (each student is assigned a topic for presentation and discussion)

## 11. Faculty

### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
<b>Professor</b>	General medicine and surgery	Gynecology and obstetrics specialist			<b>4</b>	<b>none</b>
<b>assisted professor</b>	General medicine and surgery	Gynecology and obstetrics specialist			<b>1</b>	<b>none</b>
<b>teacher</b>	General medicine and surgery	Gynecology and obstetrics specialist			<b>2</b>	<b>none</b>
<b>College teaching assistant</b>	General medicine and surgery				<b>7</b>	<b>none</b>

### Professional Development

#### Mentoring new faculty members

Preparing seminars and introductory courses for new teachers, along with holding periodic meetings to introduce them to work contexts, daily guidance, continuous follow-up, and giving advice and directions.

#### Professional development of faculty members

1. Using modern means to search for new information
2. Attending specialized scientific seminars to learn about developments in the medical field
3. Active participation in practical classes in specialized laboratories and teaching hospitals
4. Applying the accumulated information practically in teaching hospitals and conducting scientific research

## 12. Acceptance Criterion

1. Admission will be centrally through the Ministry of Higher Education and Scientific Research, based on the student's grades in the sixth scientific year, after preparing the relevant form electronically.
2. Parallel acceptance channel

### **13. The most important sources of information about the program**

1. The university and college website
2. The website of the Ministry of Higher Education and Scientific Research
3. The college library and the central library at the university

### **14. Program Development Plan**

Striving towards developing, refining and mastering the skills necessary to be able to rise to the top by using the capabilities, qualifications and information acquired during theoretical, practical and applied study. This is done by:

1. Continuous learning through searching for new developments using the library and the Internet
2. Attending specialized scientific seminars and seminars
3. Active presence in teaching hospitals to hone skills and break the barrier of fear and hesitation.

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
4 <sup>th</sup>	OBGY405 OBGY406	Obstetrics	basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 <sup>th</sup>	GYN511	Gynecology	basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 <sup>th</sup>	OBGY603	Obstetrics and gynecology	basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

## Course Description Form

1. Course Name:	
<b>Gynecology and obstetrics</b>	
2. Course Code:	
<b>OBGY405 OBGY406 GYN511 OBGY 603</b>	
3. Semester / Year:	
<b>1<sup>st</sup> and 2<sup>nd</sup> coarse 2023 / 2024</b>	
4. Description Preparation Date:	
<b>8/2/2024</b>	
5. Available Attendance Forms:	
<b>Mandatory attendance</b>	
6. Number of Credit Hours (Total) / Number of Units (Total)	
<b>The fourth stage (first course) 60 hours (30 theoretical hours + 30 practical hours) Fourth (second course) 60 hours (30 theoretical hours + 30 practical hours) The fifth stage (first course) 30 hours of study Fifth (second course) 30 hours of theory The sixth stage: 360 hours (30 hours per week for 12 weeks)</b>	
7. Course administrator's name (mention all, if more than one name)	
Name: ..... Swsan Talib Email: sawsa n@uo diyala. edu.iq	
8. Course Objectives	
<b>Course Objectives</b>  1. Acquire the knowledge and skills necessary to provide health maintenance and disease prevention for women. 2. Develop the cognitive and technical skills needed in outpatient clinics, emergency rooms, inpatient units, operating rooms and delivery rooms to manage obstetrics and gynecology problems. 3. To gain an understanding of the foundations of the	

basic sciences of clinical obstetrics and gynecology that will form the basis of evidence-based clinical practice and lifelong continuing medical education.

4. Develop the personal skills necessary to deal effectively with patients, other health professionals, and colleagues, and to work not only as students but also as teachers.

5. To gain an understanding of health care systems and management so as to advocate and deliver the highest quality patient care

**9. Teaching and Learning Strategies**

<b>Strategy</b>	<b>1.:Theoretical lectures and practical application</b> <b>2. Weekly seminars and discussions</b> <b>3. Small group discussions suggest solutions to individual and societal problems</b>
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**10. Course Structure**

<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>

**15- Structure of the text and theoretical and practical obstetrics and gynecology / fourth academic level / first course**

<b>Week</b>	<b>Hours</b>	<b>Required Learning outcome</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation methods</b>
1	2 hrs	To know how the fetus is developing from a zygote to full developed fetus Clinical applications of embryonic development and early identification of	Fetal growth and development	lecture	exam

		developmental abnormality Summary of the aims of studying fetal development			
2	2 hrs	1-Discuss the ERYTHROPOIESIS IN PREGNANCY 2- Identify Types of ANEMIA 3- Discuss EFFECTS OF ANAEMIA ON PREGNANCY 4- Identify the CLINICAL FEATURES OF IRON DEFICIENT ANAEMIA 5-Outline of specific MANAGEMENT OF ANEMIA in pregnancy	Hematologic abnormalities in pregnancy	lecture	exam
3	2 hrs	To know Diagnostic ultrasound in obstetric practice Clinical applications of ultrasound . Scanning schedule in clinical practice Ultrasound in the assessment of fetal wellbeing Ultrasound and invasive procedures . Summary of the aims of obstetric	Antenatal imaging and assessment of fetal wellbeing	lecture	exam



		ultrasound MRI			
4	2 hrs	<p>1-To know the Every Visit need to asses / Weight, Blood pressure, Indications to go to hospital. 2- Discuss specific Prenatal labs 3- Estimated Detailed history and physical exam 4- Estimated date of delivery 5- Outline measures to asses fetal wellbeing in the 2nd trimester include(Fetal heart rate tones (starting at 12 weeks) (nuchal translucency,;) Maternal serum screen (AFP, uE3, <math>\beta</math>-hCG; Chorionic villus sampling (11-13 weeks) • Amniocentesis (15-17 weeks) •To know Detailed Ultrasound 6.asses Fetal surveillance</p>	Prenatal diagnosis	lecture	exam
5	2 hrs	<p>1- Identify the miscarriage 2--To evaluate factors associated with 1st and second trimester</p>	1 st and 2nd trimester pregnancy loss	lecture	exam

		<p>pregnancy loss 3- To know causes of miscarriage 4- Identify the Signs and symptoms of miscarriage 5- Determine infection causes miscarriage and Outline measures of prevention 6- List &amp; interpret lab. findings 7- Discuss specific treatment And Outline management</p>			
6	2 hrs	<p>To know Anatomy of the female pelvis and the fetus relevant to labor Abnormality of pelvic organ that lead to abnormal labor</p>	<p>Minor disorders of pregnancy and problems due to abnormalities of pelvic organs</p>	lecture	exam
7	2 hrs	<p>To know the 1. Pathogen esis ,risk factors 2. Sign and symptom Management</p>	<p>Venous thromboembolism</p>	lecture	exam
8	2 hrs	<p>1. Defined as vaginal bleeding from 24 wk to delivery of the baby 2. to know placenta prevail types, clinical feature, complications and treatment 3. to know the</p>	<p>Antepartum and postpartum hemorrhage</p>	lecture	exam

		placental abruption types, causes, sequel, and treatments 4.to know the postpartum hemorrhage definition, risk factors, causes, diagnosis and treatments			
9	2 hrs	Define IUGR Describe the pathophysiology of IUGR Identify the etiology Of IUGR Describe the types of IUFR Identify the Risk factors of IUGR Describe the clinical approach to IUGR &how to differentiate between symmetrical asymmetrical IUGR Outline the management of IUGR Explain the effects, Mechanism & complications of each line of mangement	IUGR and amniotic fluid abnormalities	lecture	exam
10	2 hrs	Define malposition& malpresentatio n 2-identifies the aetiological&ri sk factors of malpresentatio n& malposition	Malposition and malpresentati on	lecture	exam

		<p>3- Present an approach to recognizing &amp; treating the common types of malposition &amp; malpresentation</p> <p>4- Enumerate complications of each type</p> <p>5- Use the history &amp; physical exam. to recognize the presentation</p>			
11	2 hrs	<p>Definitions of twin pregnancy &amp; what is multiple pregnancy</p> <p>2- Explain the Causes of multiple pregnancy, types of twin pregnancy</p> <p>3- What are the complications encountered by each type of twin</p> <p>4- outline management of each problem occur in each type</p> <p>5- Conduct a counseling &amp; education program for caregivers of pregnant women with twin pregnancy</p> <p>6- Conduct an ongoing program to monitor a pregnant with</p>	Multiple pregnancy	lecture	exam

		twin pregnancy 7- Appropriately utilize hospitalization, consultation with other health professionals & community resources Explain the mode of delivery according to the type of twin, presentation of first twin			
12	2 hrs	1-To know Classification of Hypertension in pregnancy 2- Discuss the Diagnosis of Hypertension and Proteinuria 3- Outline measures of Prediction and Prevention of Preeclampsia and Associated Complications 4- Discuss specific treatment And Outline Management Principles for the Hypertensive Disorders of pregnancy	Hypertension in pregnancy	lecture	exam
13	2 hrs	To know the Risk factors that predispose to preterm labor and PROM Management of	Preterm labour and (PPROM)	lecture	exam

		preterm labour and PROM and how to differentiate between them			
14	2 hrs	To know the 3. Definitions 4. Maternal and fetal complications 5. Counseling and management	Diabetes in pregnancy	lecture	exam
15	2 hrs	To know how the fetus is developing from a zygote to full developed fetus . Clinical applications of embryonic development and early identification of developmental abnormality Summary of the aims of. studying fetal development.	Fetal growth and development	lecture	exam

<b>16- Structure of the text and theoretical and practical obstetrics and gynecology / fourth academic level / second course</b>					
<b>Weeks</b>	<b>hours</b>	<b>Required Learning outcome</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	2 hrs	Know about management and complication of medical disease ( congenital heart disease ,epilepsy, asthma, renal	Medical disorders in pregnancy	lecture	exam

		,thyroid disease )			
2	2 hrs	1. VIRAL HEPATITIS 2. TB IN PREGNANCY 3. SYPHILIS 4. GONORRHEA & CHLAMYDIA 5. GROUP B STREPTOCOCCAL 6. TOXOPLASMO SIS: 7. PYELONEPHRITIS IN PREGNANCY VIRAL INFECTIONS	Perinatal infection	lecture	exam
3	2 hrs	1. Defines as a physiological process characterized by painful, regular uterine contraction associated with cervical changes ending by delivery of fetus & placenta 2. Describe mechanism of labor and how to diagnose labor by sign & symptoms 3- Determine the stages of labor	Labor	lecture	exam
4	2 hrs	To know Indication and contraindication and complications of	Induction of labor and prolong pregnancy	lecture	exam

		induction Mode of induction			
5	2 hrs	To know 1. Indications and contraindications of instrumental delivery 2. effect on mother and baby	Operative delivery	lecture	exam
6	2 hrs	1. Definition of episiotomy, indication, degree, and management	Hematoma. Perineal injuries	lecture	exam
7	2 hrs	1. recognized risk factors for shoulder dystocia 2. utilized a systematic approach to managing shoulder dystocia 3. demonstrate appropriate maneuvers to reduce a shoulder dystocia using the HELPER mnemonic	Shoulder dystocia	lecture	exam
8	2 hrs	1- Physiological changes of uterus, cervix, breast, and urinary system 2- Abnormalities of the Puerperium 3- 1-Puerperal Pyrexia, signs and symptoms and management	Normal and abnormal Puerperium	lecture	exam
9	2 hrs	To know All types of psychiatric problems How to	Psychiatric disorders in pregnancy and	lecture	exam



		differentiate between them	puerperium		
10	2 hrs	1-Describe the placental transfer of drugs and their effect on embryogenesis. 2-Identify the methods to screen for drugs in the mother and neonate. 3- Understand the short- and long-term adverse effects of some drugs in the newborn. 4- Identify therapies for the drugexposed neonate.	Neonatology and anesthesia and analgesia in pregnancy	lecture	exam
11	2 hrs	Complication during neonatal period Effect of different drugs during pregnancy	Drug misuse and physical abuse	lecture	exam
12	2 hrs	To know the 1.pathophysiology of immunization 2. Prevention of rhesus isoimmunization 3. Indication for administration of antiD 4.prevention and management	RH iso immunization	lecture	exam
13	2 hrs	To know the 1.uterin inversion etiology,	Obstetric emergency	lecture	exam

		epidemiology, diagnosis and management 2. Umbilical cord accidents (cord prolapse) Etiology and epidemiology Diagnosis, risk factors and management			
14	2 hrs	to know the 1.anatomy of fetal skull and diameters 2. the pelvic brim and types of pelvis	Anatomy of the female pelvis and the fetus relevant to labor	lecture	exam
15	2hrs	To know the 2. Pathophysiology of shock 3. Classification of shock 4. Management of shock	Shock in obstetrics	lecture	exam

**17- Structure of the text and theoretical and practical obstetrics and gynecology / fifth academic level / first course**

Week	Hours	Required Learning outcome	Unit or subject name	Learning method	Evaluation methods
1	2 hrs	1-TO know details history and physical examination 2- Elicit a history that is relevant, concise and accurate to context and preferences for the purposes of prevention and health promotion, diagnosis and/or management 3- Perform a focused	Gynecologic al assessment of the patient	lecture	exam

		physical examination that is relevant and accurate for the purposes of prevention an health promotion, diagnosis and/or management 4- Select medically appropriate investigative methods 5- Demonstrate effective clinical problem solving and judgment to address patient Problems			
2	2 hrs	To know the Anatomy of pelvic organ and the embryological origin of organ	Embryology and Anatomy	lecture	exam
3	2 hrs	To know causes and management of both Precocious and delayed puberty	Normal and abnormal sexual development and puberty	lecture	exam
4	2 hrs	1.To know the physiology of menstruation 2- Discuss the clinical application of menstruation 3.	The normal menstrual cycle	lecture	exam
5	2 hrs	differentiate between primary &secondary dysmenorrhea outline management of dysmenorrhea	Disorder of menstrual cycle	lecture	exam
6	2 hrs	1.To know all type of contraception hormonal, nonhormonal 2.diffrentiate between all type 3.knowlage mode of	Fertility control	lecture	exam

		use and contraindications for each type			
7	2 hrs	To know aetiology of Hirsutism ,virilism and hyperprolactinemia and management	Hirsutism,virilism and hyperprolact inemia	lecture	exam
8	2 hrs	1.knowlage the normal physiology and defense mechanism 2.deffreniatebetween all type of genital tract infections by history, clinical examination and laboratory test 3.know to counsel the patient about mode of transmission if sexually transmitted or not 4. how to treat and management and prevent recurrence	Lower genital tract infections	lecture	exam
9	2 hrs	To know instrument, indication and complication of both Laparoscopy and hysteroscopy	Laproscopy and hysteroscopy	lecture	exam
10	2 hrs	Determine Risk factors of Pelvic Organ Prolapse Identify Cystocele (anterior prolapse) Cytourethrocele Outline measures of prevention Outline of management and specific treatment	Pelvic inflammatory disease	lecture	exam
11	6 hrs	Definition of	Infertility	lecture	exam

12 13		infertility All types of infertility male and female type Who to do assessment of infertile couple All investigation done for both partner Management for each type of Infertility			
14	2 hrs	1-Definition of ectopic pregnancy 2-causes and sign ,symptom 3-management. 4- Definition,types management, risk factor And follow-up	Problems in early pregnancy	lecture	exam
15	2 hrs	1.Define recurrent pregnancy loss 2.Know the causes of RPL 3.Describe the routine investigation of RPL 4. Outline the management of RPL 5-Clarify how to counsel a women with RPL	Recurrent pregnancy loss(RPL)	lecture	exam

<b>18- Structure of the text and theoretical and practical obstetrics and gynecology / fifth academic level / second course</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning outcome</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation methods</b>
1	2 hrs	1.know all type of endometrial hyperplasia &its risk of malignant transformation 2- Clarify different type of malignant	Benign diseases of uterus and cervix	lecture	exam

		uterine tumor 2. Discuss the role of ultrasound, CT scan and MRI in diagnosis 3. List the risk factors of endometrial carcinoma 4. Clarify the staging of tumor and treatment by chemotherapy and surgery 5. Know how to do follow up to patient with endometrial carcinoma			
2	2 hrs	Disease risk factors, risk factors, etiology, diagnosis and treatment	Endometriosis and adenomyosis	lecture	exam
3	2 hrs	1. know all type of ovarian tumor benign and malignant 2. role of ultrasound, CT scan and MRI in diagnosis 3. role of tumor marker in diagnosis of ovarian tumor 4. staging of tumor and treatment by chemotherapy and surgery 5. how to do follow up to patient with ovarian tumor	Benign and malignant Ovarian tumor	lecture	exam
4	2 hrs	1. know all type of endometrial	Malignant diseases of the	lecture	exam

		hyperplasia & its risk of malignant transformation 2- Clarify different type of malignant uterine tumor 2. Discuss the role of ultrasound, CT scan and MRI in diagnosis 3. List the risk factors of endometrial carcinoma 4. Clarify the staging of tumour and treatment by chemotherapy and surgery 5. Know how to do follow up to patient with endometrial carcinoma	uterus		
5	2 hrs	1 -Demonstrate Types of Carcinoma of cervix 2 -outline of management and Treatments 3 -Identify Stages of malignancy 4-To know Risk factors 5-discuss the diagnosis And Managements	Premalignant and malignant diseases of the cervix	lecture	exam
6	2 hrs	1.To know Benign conditions that may affect the vagina and management 2.To know malignant conditions that	Conditions affecting the vagina	lecture	exam

		may affect the vagina and management			
7	2 hrs	1.To know Benign conditions that may affect the vulva and management 2.To know malignant conditions that may affect the vulva and management	Conditions affecting the vulva	lecture	exam
8	2 hrs	1- Identify risk factors of urine incontinence 2- Identify stress and urge incontinence 3- Outline measures of prevention Outline of management and specific treatment	Urogynecology	lecture	exam
9	2 hrs	2-Determine Risk factors of Pelvic Organ Prolapse 3- Identify Cystocele (anterior prolapse) Cystourethrocele 3- Outline measures of prevention 4- Outline of	Pelvic organ prolapse	lecture	exam



		management and specific treatment			
10	2 hrs	1-Define menopause 2-discuss physiological changes that preceding menopause 3-list the type of menopause 4-clarify the signs& symptoms of menopause 5-know the complications of menopause 6-discuss how to manage menopause 7-discuss the indications, contraindications of HRT 8-discuss the association of menopause with osteoporosis	Menopause & Hormone replacement therapy(HR T	lecture	exam
11 12 13	6 hrs	To know the type of amenorrhea and its definition How to do investigation and management	Primary and secondary amenorrhea	lecture	exam
14	2 hrs	To know the ethical aspect of examination and how to deal with patient	Psychologic al and ethical aspects of gynecology	lecture	exam
15	2 hrs	Minor and major procedure in gynecology	Common gynecologic al procedures	lecture	exam

<b>19- Structure of the text and theoretical and practical obstetrics and gynecology / sixth academic level</b>						
<b>week</b>	<b>seminar</b>	<b>Required educational goals</b>	<b>hours</b>	<b>practical</b>	<b>Required educational goals</b>	<b>hours</b>
1 <sup>st</sup>	Antenatal imaging and assessment of fetal wellbeing	To know Diagnostic ultrasound in obstetric practice Clinical applications of ultrasound Scanning schedule in clinical practice Ultrasound in the assessment of fetal wellbeing Ultrasound and invasive procedures . Summary of	2	History and exam	training how to do assessment of fetal wellbeing and ultrasound role training how to do NST	30
2 <sup>nd</sup>	<b>Venous thromboembolism</b>	<b>To know the Pathogenesis ,risk factors Sign and symptom Management</b>	2	<b>History and exam</b>	<b>Training to detect and diagnosed DVT and manage it To know risk factors for development DVT How to advise the mother to prevent DVT</b>	<b>30</b>
3 <sup>rd</sup>	<b>Antepartum and</b>	<b>1. Defined as vaginal</b>	2	<b>History and</b>	<b>Training how to differentiate</b>	<b>30</b>

	<b>postpartum hemorrhage</b>	<b>bleeding from 24 wk to delivery of the baby 2.to know placenta previa types,clinical feature, complications and treatment 3.to know the placental abruption types, causes sequel and treatments 4.to know the postpartum hemorrhage definition, risk factors, causes, diagnosis and treatments</b>		<b>exam</b>	<b>between placenta prevail and abruption and how to do management Training how to manage patients in shock state and how to fallow the role ABCD</b>	
<b>4<sup>th</sup></b>	<b>Malposition and malpresentation</b>	<b>Define malposition&amp; malpresentation 2-identifies the etiological &amp;risk factors of malpresentation &amp; malposition 3-Present an approach to recognizing &amp; treating the common types of malposion &amp; malpresentation 4-Enumerate complications</b>	<b>2</b>	<b>History and exam</b>	<b>- Doing scientific steps of examination in sequence, including inspection, palpation, percussion, and auscultation &amp; Leopold maneuver to identify the type of malpresentation &amp;malposition - Detection of signs of the implicated type.</b>	<b>30</b>

		of each type 5- Use the history & physical exam. to recognize the presentation.				
5 <sup>th</sup>	Obstetric emergency	How to know 1.uterin inversion etiology, epidemiology, diagnosis and management 2. Umbilical cord accidents (cordprolapse) Etiology and epidemiology Diagnosis,risk factors and management 3.recognized risk factors for shoulder dystocia 4.utilized a systemic approach to managing shoulder dystocia 3.demonstrate appropriate maneuvers to reduce a shoulder dystocia using the HELPERR mnemonic	2	History and exam	How to deal with emergency obstetrics and how to do management demonstrate appropriate maneuvers to reduce a shoulder dystocia using the HELPERR mnemonic	30
6 <sup>th</sup>	Medical disorders in pregnancy Diabetes in	Know about management and complication	2	History and exam	How to deal with complication of medical obstetrics	30

	<p><b>pregnancy Hypertension in pregnancy</b></p>	<p><b>of medical disease ( congenital heart disease ,epilepsy, asthma, renal ,thyroid disease ) To know the 1. Definitions 2. Maternal and fetal complications Counseling and management 1- To know Classification of Hypertension in pregnancy 2- Discuss the Diagnosis of Hypertension and Proteinuria 3- Outline measures of Prediction and Prevention of Preeclampsia and Associated Complications 4- Discuss specific treatment And Outline Management Principles for the Hypertensive Disorders of Pregnancy</b></p>			<p><b>disease and how to do management Training to detect the high risk for diabetes and how to do management How to deal with emergency obstetrics and how to do management of patient with ecliptics fit and preeclampsia.</b></p>	
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7 <sup>th</sup>	labor & Operative delivery	<p>1. Defines as a physiological process characterized by painful, regular uterine contraction associated with cervical changes ending by delivery of fetus &amp; placenta</p> <p>2. Describe mechanism of labor and how to diagnose labor by sign &amp; symptoms</p> <p>3- Determine the stages of labor To know</p> <p>4. Indications and contraindications of instrumental delivery</p> <p>2. effect on mother and baby</p>	2	History and exam	<p>Training how to diagnose labor clinically</p> <p>2 - identify the point that differentiate true from false labor</p> <p>3 - Outlines the items of history taking. Clinical skills to demonstrate the instrumental delivery</p>	30
8 <sup>th</sup>	Gynecological assessment of the patient	<p>1- TO know details history and physical examination</p> <p>2- Elicit a history that is relevant, concise and accurate to context and preferences for the purposes of prevention and</p>	2	History and exam	<p>Training to do:</p> <p>1- history and physical examination</p> <p>2- Elicit a history that is relevant, concise and accurate to context and preferences for the purposes of prevention and health</p>	30

		<p><b>health promotion, diagnosis and/or management 3- Perform a focused physical examination that is relevant and accurate for the purposes of prevention and health promotion, diagnosis and/or management 4- Select medically appropriate investigative methods 5 - Demonstrate effective clinical problem solving and judgment to address patient Problems</b></p>			<p><b>promotion, diagnosis and/or management 3- Perform a focused physical examination that is relevant and accurate for the purposes of prevention and health promotion, diagnosis and/or management 4 - Select medically appropriate investigative methods 5 - Demonstrate effective clinical problem solving and judgment to address patient Problems</b></p>	
9 <sup>th</sup>	<b>Fertility control</b>	<p><b>1.To know all type of contraception hormonal, non - hormonal 2.diffrentiate between all type 3.knowlage mode of use and</b></p>	<b>2</b>	<b>History and exam</b>	<p><b>Visit fertility control unite to know and see types of contraception's and how to use and side effect, contraindication s and selection for patients</b></p>	<b>30</b>

		<b>contraindications for each type</b>				
<b>10<sup>th</sup></b>	<b>Genital tract infections and sexually transmitted disease</b>	<b>1.knowledge the normal physiology and defense mechanism 2.differentiate between all type of genital tract infections by history, clinical examination and laboratory test 3.know to counsel the patient about mode of transmission if sexually transmitted or not 4. how to treat and management and prevent recurrence</b>	<b>2</b>	<b>History and exam</b>	<b>Training how to take history and do pelvic examination to patients How to advise the patients about sexually transmitted disease</b>	<b>30</b>
<b>11</b>	<b>Malignant diseases of the uterus Premalignant and malignant diseases of the cervix</b>	<b>1.know all type of endometrial hyperplasia &amp; its risk of malignant transformation 2-Clarify different type of malignant uterine tumor 2. Discuss the role of ultrasound, CT scan and MRI in diagnosis 3.List the risk factors</b>	<b>2</b>	<b>History and exam</b>	<b>Training 1-how to do DNC and instruments used, complications and how to manage 2-how to do pap smear and instruments used</b>	<b>30</b>



		<p>of endometrial carcinoma 4. Clarify the staging of tumor and treatment by chemotherapy and surgery</p> <p>5. Know how to do follow up to patient with endometrial carcinoma</p> <p>1- Demonstrate Types of Carcinoma of cervix</p> <p>2- outline of management and Treatments</p> <p>3- Identify Stages of malignancy</p> <p>4- To know Risk factors</p> <p>5- discuss the diagnosis And Managements</p>				
<b>12</b>	<b>Review</b>					

## 11.Cours Evaluation

### sixth academic level / / Annual pursuit degree

obstetrics	gynecology	Lock book	seminar	Attendance	Obs + gyn	Practical exam	total
2 %	2 %	1 %	1 %	1 %	7 %	6 %	20 %

### Sixth academic level ( final exam )

Theoretical exam	Practical exam	slides	total
40 %	20 %	20 %	60 %

$$20 \% + 60 \% = 100$$

### Fifth academic level

quizzes	activities	Attendance	Theoretical exam 1	Theoretical exam 2	Annual pursuit degree	Final exam	total
3%	6 %	1 %	15 %	15 %	40 %	60 %	100 %

### Fourth academic level (Annual pursuit degree )

slides	activities	Theoretical exam 1	Theoretical exam 2	Annual pursuit degree
10 %	5 %	12.5	12.5	40 %

### Fourth academic level ( final exam )

Theoretical exam	Practical exam	total
40 %	20 %	60 %

$$40 \% + 60 \% = 100 \%$$

## 12. Learning and Teaching Resources

Required textbooks (curricular book , if any) :

**Ten Teachers Obstetrics**

Main references (source) :

**Essentials in Obstetrics**

**Illustrated Obstetrics**

Recommended book and references (scientific journals , reports .....)

**Dwuharts textbook of Obstetrics & Gynecology**

**William's textbook of Obstetrics, DC Dutta's Textbook of Obstetrics, 8th Edition**

Electronic References , Website

<https://www.rcog.org.uk/guidelines>

