

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



Academic Program and Course Description Guide

5th stage Gynecology 2025-2026

Academic Program Description Form

University Name: University of Al-Qadisiyah

Faculty/Institute: College of medicine

Scientific Department:

Academic or Professional Program Name: General Medicine and Surgery

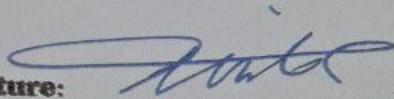
Final Certificate Name: Bachelor's degree in General Medicine and Surgery

Academic System: Annual year / 2 semester

Description Preparation Date: 10/9 /2025

File Completion Date: 16/9/2025

Signature:



Head of Department Name:

Prof Dr. Nael Mohammed

Signature:



Scientific Associate Name:

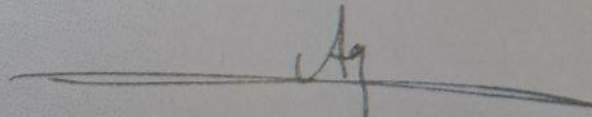
Prof. Dr. Yasamin Hamz

The file is checked by: Prof Dr. Anwar jassib
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance
Department:

Signature:



Approval of the Dean



1. Program Vision

Raise awareness about the importance of gynecology health and the effects of medical morbidity on patients

2. Program Mission

To improve student's knowledge and abilities regarding the field of gynecology so as to develop the health care services provided by them as future doctors and to implant an empathetic view of gynecology ill patients to treat them equally as any other patients in need of care

3. Program Objectives

- 1- Introduce students to the concept of gynecological illness, how to diagnose and treat
- 2- Raise awareness about the heavy burden of gynecological illness on society
- 3- Correct common misconceptions regarding gynecology
- 4- Improve students abilities to interact with different patients

4. Program Accreditation

An application has been made for national accreditation for medical colleges

5. Other external influences

Advances in medical science and technology , requiring regular curriculum updates

6. Program Structure

Program Structure	Number of semesters	Credit hours	Percentage	Reviews*
Institution Requirements	2	Total hours 99 h for annual year for semester I,II (60h theory) and 39 h for each group Clinical session		Basic
College Requirements	2	Total hours 99 h for annual year for semester I,II (60h theory) and 39 h for each group Clinical session		Basic
Department Requirements	2	Total hours 99 h for annual year for semester I,II (60h theory) and 39 h for each group Clinical session		Basic
Summer Training	Yes	Summer Training		
Other	No			

* This can include notes whether the course is basic or optional.

7. Program Description

Year/ Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
5 th	GYN 5203	Gynecology	60 h for annual year semester I,II	39 h for each group clinical session

8. Expected learning outcomes of the program

Knowledge

1-Understand Normal Female Reproductive Anatomy and Physiology

A-Describe the structure and function of the female reproductive system

B- Explain the physiology of menstruation, puberty (its abnormalities and their management), menopause (abnormalities and their management) and hormonal regulation.

2- Differentiate the types, causes and treatment of dysmenorrhea and premenstrual syndrome (PMS)

3-Diagnose and Manage Common Gynecological Conditions

A-Identify and treat common disorders such as

B-Menstrual irregularities

C-Polycystic Ovary Syndrome (PCOS)

D-Endometriosis

E-Fibroids

F-Vaginitis, cervicitis, pelvic inflammatory disease (PID)

4-Recognize and Manage Gynecologic Emergencies:

-Manage acute conditions such as:

A-Ectopic pregnancy

B-Ovarian torsion

C-Heavy uterine bleeding

5-Understand Reproductive Health and Family Planning

A-Provide counseling and prescribe appropriate contraceptive methods

B-Understand issues related to fertility, including infertility work-up and basic management

6-Describe causes, types, and methods of diagnosis and management of STDs (sexually transmitted diseases) with emphasis on methods of prevention and serious complication of STDs.

7-Understand Gynecological Oncology

A-Recognize signs and symptoms of cancers such as cervical, ovarian, and endometrial.

B-Understand basic principles of diagnosis, staging, and referral.

8-Screening and Prevention

A-Understand the role of screening in women's health (e.g., Pap smear, HPV testing

B-Counsel patients on preventive health practices (e.g., breast examination, vaccination) .

c-understanding the screening methods for early recognition and broad lines of management of precancerous and malignant condition.

9-Different cases will be discussed daily focusing on the common cases presented to the outpatient consultation unit and emergency department as **miscarriage , ectopic pregnancy ,molar pregnancy , stress urinary incontinence)**

10-Surgical and Non-Surgical Treatment Approaches

A-Know indications and basics of common gynecological surgeries (e.g., hysterectomy, laparoscopy) .

B-Understand pharmacological treatments for gynecological conditions.

Skills

by the end of the course all students should be able to:

- 1- Counsel problems occurring in menopause with emphasis on postmenopausal bleeding, (any case of postmenopausal bleeding should be considered malignant until proved otherwise).
- 2- Counsel regarding methods of contraception suitable for each patient and how to use or apply it.

-Intellectual skills:

1-The student should obtain a complete and reliable history in gynecological clinic or ward, and will be able to give a good history .History must include: Patient's identity an characterization Marital, obstetrics and contraceptive history , menstrual history. Past history including medical, surgical, habits, allergies and consanguinity whichever relevant to the case. Family history relevant to the case.

2-The student should be capable of performing physical examination, including: general, cardiovascular system, respiratory system, breast, abdomen and pelvic examination.

3-The student's findings will show at least 80% accuracy rate as compared to the instructor's findings.

4-The student will be able to diagnose and outline the management of: Bartholin abscess ,Vulvo-vaginitis Cervicitis and cervical ectropion, pelvic infections including: Sexually transmitted diseases.

5-The student will show adequate capability in making the diagnosis and outlining the management of: endometriosis and adenomyosis, Leiomyoma, tub ovarian and ovarian masses. Given a case of acute lower abdominal pain, the student will outline the causes and plan the management.

6-The student will be able to discover vulvar, cervical and uterine pre -malignancies and malignancies.Given a case of abnormal vaginal bleeding, the student will be able to outline the investigations and management.

7-The student will be able to diagnose Genital Prolapse and its varieties, urogenital fistulas, and to outline the management . perform physical examination, plan the investigation and management of: Precocious or delayed puberty, premature menopause, amenorrhea, galactorrhea and hirsutism..

8-Given a case of infertility, the student will be able to interview the couple, perform physical examination, plan the investigations and outline the management.

9-The student will be able to perform speculum examination and to observe obtaining high vaginal swabs, urethral and cervical swabs, wet smears, pap smears and to do bimanual examination.

10-The student may observe if possible: Loop insertion, cervical biopsies, cervical cauterizations.

-Communication and general skills: .

1-Communicate with the patient as a person, not as a disease, and understand that the patient is a person with beliefs, values, goals, and concerns, which must be respected in addition to respecting the patient's dignity, privacy, information confidentiality and autonomy.

2-Counsel the patient before doing any intervention and in different situations with respect to her wish whenever this is possible.

3-Maintain the atmosphere of cooperation, peer relationships, and mutual respect in the university society.

4-Advance the knowledge base of gynecology by developing and encouraging scientific

researches.

5-Understand Reproductive Health and Family Planning

A-Provide counseling and prescribe appropriate contraceptive methods

B-Understand issues related to fertility, including infertility work-up and basic management

Ethics

1-The student will be able to perform speculum examination and to do during their clinical attachment high vaginal swabs, urethral and cervical swabs, wet smears, pap smears and to do bimanual examination.

2-The student may observe & share if possible in : Loop insertion, cervical biopsies, cervical cauterizations, examination under anesthesia, evacuation of retained products of conception ,hysterosalpingography, and laparoscopy.

3-The student will have fair knowledge of utilization of ultrasound technology in the diagnosis of missed miscarriage early pregnancy ,retained products of conception, Ectopic pregnancy, uterine Leiomyoma, ovarian and tubo-ovarian masses, and the use of serial ultrasound to monitor follicular growth and ovulation.

4-Ethical, Legal, and Psychosocial Aspects

A-Apply principles of ethics, consent, and confidentiality in gynecological practice.

B-Understand the psychosocial impacts of gynecological conditions and treatment.

5-Develop Clinical Reasoning and Evidence-Based Practice

Apply critical thinking and use evidence-based guidelines in clinical decision-making.

9. Teaching and Learning Strategies

Theoretical lectures

Clinical sessions

Tutorials and seminars

EBM

10. Evaluation methods

Theoretical exams , formative and summative

Clinical exams , history taking , physical exam , OSCE

Logbook and skills assessment

Academic Rank	Specialization		Number of the teaching staff		
	General	Special	Staff	Lecturer	
Professor	MBchB	2			
Assistant professor	MBchB	3			
lecturer	MBchB	4			

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
5 th	GYN 5203	gynecology	Basic	√	√	√	√	√	√	√	√	√	√	√	√

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

Course Description Form

1. Course Name:	
gynecology	
2. Course Code:	
GYN 5203	
3. Semester : fourth year	
Annual year , semester I, II	
4. Description Preparation Date: 10/9/2025	
10/9/2025	
5. Available Attendance Forms: 16/10/2025	
Attendance sheet	
6. Number of Credit Hours	
99h total for annual year semester I,II (60h for theory and 39h For each group clinical session) / 5 unit total	
7. Course administrator's name (mention all, if more than one name)	
8. Course Objectives	
Course Objectives	<p>Provide students with basic knowledge of normal and abnormal growth and development of the female genital tract</p> <p>Enable students to provide basic health care for female in different age group (prepubertal, pubertal, childbearing, perimenopausal, and menopausal), & provide students with an appropriate background covering the common and important gynecological emergencies and diseases (causes, diagnosis and management).</p> <p>Provide appropriate ethical and professional education necessary for establishment of excellent communication with patients and colleagues and using sound ethical principles in clinical decision making .</p> <p>Provide lifelong learning competencies necessary for continuous professional development and research studies.</p>

Gynecological curriculum of 5th year medical student

Lectures: during the study year the discipline of gynecology is presented theoretically to the students into lectures covering as much as possible of its objectives and is continuously updated half the number of lectures were given before mid-year and the other half after mid-year. The objectives of lectures should be:

(a) to cover the basic minimal knowledge required for all physicians.

(b) Two hours lectures per week utilizing the available time (40-45 minutes) in presenting the knowledge as simple , updated, well-illustrated, and easily understood as possible.

Lecture Topics

1	Anatomy of female genital organs	Introduction for anatomy
2	Physiology of menstruation	Mechanism of action
3	Normal and abnormal development of female genital tract	Pathophysiology
4	Inter sex	Abnormal physiology
5	Amenorrhea (primary and secondary)	Pathophysiology
6	Abnormal vaginal bleeding	Pathophysiology , management
7	Miscarriages	Pathophysiology , types
8	Recurrent miscarriage	Pathophysiology , causes
9	Ectopic pregnancy	Pathophysiology , types
10	Benign gestational trophoblastic diseases	Pathophysiology , management
11	Malignant gestational trophoblastic diseases	Pathophysiology , management
12	Premenstrual tension syndrome and dysmenorrhea \	Pathophysiology , management
13	Non hormonal contraception	Pathophysiology , management
14	Hormonal contraception	Pathophysiology , management
15	Polycystic ovarian syndrome	Pathophysiology , management
16	Hirsutism	Pathophysiology , management
17	Female infertility	Pathophysiology , management
18	Male infertility	Pathophysiology , management
19	Assisted reproduction therapy	Pathophysiology , management
20	Normal vaginal discharge and vaginal infections	Pathophysiology , management
21	Sexually transmitted diseases	Pathophysiology , management
22	Pelvic inflammatory diseases	Pathophysiology , management
23	Benign and malignant diseases of the vulva	Pathophysiology , management
24	Pruritis vulva	Pathophysiology , management

25	Premalignant and malignant disease of the vagina	Pathophysiology , management
26	Benign and premalignant disease of the cervix	Pathophysiology , management
27	Carcinoma of the cervix	Pathophysiology , management
28	Uterine fibroid	Pathophysiology , management
29	Carcinoma of the endometrium	Pathophysiology , management
30	Endometriosis and adenomyosis	Pathophysiology , management
31	Benign tumour of the ovary	Pathophysiology , management
32	Malignant tumour of the ovary	Pathophysiology , management
33	Anatomy of female pelvis	Pathophysiology , management
34	Genital tract prolapse	Pathophysiology , management
35	Urinary incontinence	Pathophysiology , management
36	Genito-urinary fistula	Pathophysiology , management
37	Menopause and <i>hormone replacement therapy</i> HRT	Pathophysiology , management
38	Post menopause bleeding	Pathophysiology , management
39	U/S in gynecology	Pathophysiology , management
40	Hysteroscopy and laparoscope	Pathophysiology , management
41	Chronic pelvic pain	Pathophysiology , management
42	Child hood disorders	Pathophysiology , management
43	EBM	

(c)At the end of some lectures an informative assessment will be done in form of Quizzes(3-4 quizzes) with collective final marks of (10 marks) before mid-year and(10 marks) after mid-year . Midyear exam at mid-January involving the given lectures (20 marks) and final exam at May (40 marks) in addition to final clinical exam and assessment (15 marks+ 5 marks for clinical skills and logbook) with overall total score of (100 marks).

CLINICAL ATTACHMENT

The students are offered clinical attachment Gynecology for 2wks and 3d . 12 courses , from 8:00AM -11:00 AM each course, nearly 20-25 students .

Students will have a clinical round in the morning from 8:00 AM – 8:30 AM discussing a clinical case from inpatients ,outpatients, emergency room , then from 8:30 AM till 9:15 AM start tutorials or problem based learning PBL & from 9:15AM till 11:00AM start seminars.

TEACHER CENTERED TUTORIALS and PROBLEM BASE LEARNING 8.30 - 9.15 AM

Tutorial in s gynecological case are taken by senior staff , student will take history from patient and examine them under the supervision of the teacher. Different cases will be discussed daily focusing on the common cases presented to the outpatient consultation unit and emergency department as (**miscarriage , ectopic pregnancy ,molar pregnancy , stress urinary incontinence , ovarian masses, cervical smear and cytology , fibroids , postmenopausal bleeding , menorrhagia and abnormal vaginal bleeding , genital tract infections and vulval itching , infertility and polycystic ovarian syndrome , genital prolapse , contraception types and endometriosis**) .

Patients are taken from various wards and or outpatient clinic . If there is no patient teacher will act as a role player. interpret value, read ultrasound pictures, x-rays, instruments, contraceptive method and pathology specimen. These are shown during tutorial with explanation and discussion . Ultimate objective is to be covered by these activities. The student will be trained adequately on self-learning methods and procedures. So, they can continuously update their knowledge and skills. The role of teachers in these activities is to supervise and guide the student's effort. If there is no patients with particular problem in the ward, teacher has to be a "role player" and make the students take history followed by diagnosis, investigation and management.

At the end of the course clinical exam and assessment of the student will be done by the senior staff to evaluate the student attendance and clinical management in gynecological cases (15 marks) score +(5 marks) for clinical skills assessment

Teaching & learning facilities

The facilities available used for teaching in this 5th year course include :

1. Lecture hall in the OB/GYN hospital contains writing board , overhead & slide projector
2. 12 rooms at clinical words of OB/GYN hospital
3. Data show & computer
4. Three outpatients clinical rooms in OB/GYN outpatients clinics .
5. Multiple learning dolls of models

***Clinical facilities :**

- 20-30 patients in each day available in inpatient units (words) in the hospital .
- Emergency unit serving = 30 patients per day
- Labour ward facing = 30 deliveries per day with 4 delivery rooms
- Operating rooms : 4 rooms for gynecology & obstetric operations (emergency & elective)

***Students assessment**

1. Attendance
 - a. Behavioral & ethical attendance
 - b. Logbook for clinical cases
 - c. Attendance in emergency department

They whole should be fulfilled . the minimum accepted attendance is 70 % at the end of term examination .

2. Assessment tools
 - a. Written examination : for assessment of general knowledge & understanding .
 - b. Oral examination by two members of teaching staff to assess how 5th year student deal with gynecology scenario problems .
 - c. Clinical examination: medical students attendance in managing clinical cases in apprehensive way .
 - d. OSCE examination : including basic & clinical gynecology

Learning and Teaching Resources	
Required textbooks	: Obstetrics Textbook by Ten Teachers
Main references (sources)	:Text book and Lectures

Examinations description:

Examination	Description
1-continuous progress test (CPT)	oral examination / spot diagnosis , quizzes , PBL ,Short answered questions ,and skills assessment , log book activity Case report ,homework activity
2- theory exam for each 1 st and 2 nd mid semester	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
3-Halve year theory exam	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
4- clinical session exam for final exam	OSCE , long case , short case , physical exam, slides and written exam , according bloom and blue print
5-final theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print

The minimum passing grades (Faculty bylaws) is 50 marks.

Re-sit Examinations :- Students who fail in final year assessment will be required to re-sit (second sitting) the Final examination (theory and practical exam) .