The Hashemite University

Faculty of Medicine

Department of Obstetrics and Gynaecology

Obstetrics and Gynaecology I Syllabus 2025-2026

Course Information:

- Course title: Obstetrics and Gynaecology I
- Course number: 111505501
- Credit hours: 9
- Course date: 21/09/2025 for 8 weeks, repeated
- Course meeting time: 0800-1700, Sunday through Thursday
- Course location: Prince Hamza Hospital

  Al-Zarqa New Governmental Hospital

  Prince Hashem Military Hospital

  Queen Alia Military Hospital

  King Hussein Medical City

  King Talal Military Hospital

  Al-Mafraq Governmental Hospital

  Al-Basheer Hospitals

  Istiklal Hospital

  Online sessions

- Prerequisites for the course: passing year four successfully.
- Instructors:

Instructor	Phone	E-mail

Dr Fida Al-Asali	0791752614	Fida_a_99@yahoo.com
Dr Rami Kilani	077540100	Rkilani200@yahoo.com
Dr Firas AL-Rshoud	0797354672	reshoud75@gmail.com
Dr Hamza Al-Amoosh	0799444792	dr.hamza.alamoosh@gmail.com
Dr Dima Alzaghari	0799061284	zgharidima@gmail.com
Dr Murad Alrabadi	0791991773	Muradf@hu.edu.jo
Dr Lubna Batayneh	0796661196	Lubnam_fa@hu.edu.jo
Dr Hadeel Rawahneh	0799682528	hadeelf@hu.edu.jo
Dr Lubna Massadeh	0797905793	lubnah@hu.edu.jo
Dr Moath Bani Hani	0787165725	moaths@hu.edu.jo

Instructors can be contacted at PHH & Al-Zarqa New Governmental Hospital

Office hours: Thursday 0800-1700

WhatsApp group is created every rotation for easier communication and announcements.

Microsoft team is created every rotation for online teaching.

Course description:

This eight-week course offers a thorough introduction to Obstetrics and Gynaecology, providing students with diverse clinical experiences across nine hospitals. Throughout the rotation, students will gain exposure to a wide range of cases, including antenatal and postnatal care, and perform assessments in both obstetric and gynaecological contexts.

Students will engage in evaluating pre-operative patients within a clinic setting, participate in hospital rounds, and observe patient deliveries, including instrumental and Caesarean sections. Additionally, they will be involved in gynaecological surgeries, gaining valuable insights into various surgical procedures. The course is designed to enhance practical skills and clinical knowledge.

Course Expectations: Progressive levels of responsibility, culminating in the ability to evaluate and formulate an appropriate treatment and care plan.

Learning outcomes:

Upon completion of the basic clerkship, each student should be able to:

- Demonstrate skills in independent learning and critical thinking.
- Obtain and record clearly a complete medical history, conduct a complete Physical Examination, and:
  - Identify normal and abnormal patterns (physical, intellectual and social).
  - Identify and accurately record the patient's problems (physical, intellectual and social).
  - Assess the data in the context of the patient's status; formulate a problem and list for both acute and long-term problems.
  - Obtain necessary supplementary information and reassess the patient's status at appropriate intervals.
  - Present verbally at bedside or in conference, a concise summary of the patient.
- Establish a relationship of mutual respect between the physician, patient and the patient's family, and acquire the basic interpersonal skills which facilitate this relationship.

- Appreciate the role of community agencies, practicing physicians and community health care programs in facilitating optimal care.
- Develop positive attributes which will serve as the basis for a successful Professional career.
- Develop study habits which will enhance lifelong learning.

Medical knowledge:

- The student will be able to describe the maternal physiologic and anatomic changes associated with pregnancy and the physiologic functions of the fetus and placenta.
- The student will be able to describe the stages, mechanisms and management of normal labor and delivery and identify common problems in obstetrics.
- The student will be able to describe potential consequences of medical and surgical conditions in pregnancy.
- The student will be able to explain the physiologic or pharmacologic basis of action, effectiveness, benefits and risks and financial considerations of various methods of contraception.
- The student will be able to describe the endocrinology and physiology of the normal menstrual cycle, including menopause, and to describe causes, evaluation methods and therapeutic options for abnormal uterine bleeding.

Patient care:

- The student will demonstrate the ability to perform a thorough Obstetrics and Gynaecology history, including menstrual history, obstetric history, gynaecologic history, contraceptive history and sexual history.
- The student will demonstrate the ability to perform an obstetric examination (Leopold's maneuvers).
- For the obstetric patient the student should be able to:
  - Assess the presence /absence of normal labour.
  - Assess and diagnose ruptured membranes.
  - Assess common problems in pregnancy such as perception of decreased fetal movement, abdominal pain and vaginal bleeding.

- Assess fetal well-being during labor and delivery and the student will demonstrate the ability to interpret electronic fetal monitoring.
- Assess analgesia /anesthesia needs for a labouring patient.
- Assess and manage postpartum complications.
- For the gynaecology patient the student should be able to:
- Describe the age-appropriate screening procedures and recommended time intervals for routine health maintenance and disease prevention in women.
- Assess common emergency gynaecologic problems such as abortion, ectopic pregnancy, pelvic inflammatory disease, appendicitis and torsion.
- Manage common gynaecological issues such as contraception, menopausal symptoms, dysfunctional uterine bleeding, sexually transmitted infections, vaginal and vulvar disorders.
- Have a working knowledge of infertility.
- Have a working knowledge of urinary incontinence.
- List possible surgical complications and methods to minimize them.

Instructional methods:

Various learning approaches and activities are incorporated into this course including:

- Bedside teaching/ward rounds: students prepare the cases and present them. Physical examination is demonstrated, and students are observed doing the examination with feedback.
- Online teaching/seminars: students prepare hypothetical cases and present them. Physical examination is discussed and demonstrated online through professional videos. Feedback is given.
- RIME with Reasons: RIME is a classification measure of a student's progression from that of a Reporter to Interpreter, to Manager/Educator. Most medical students should be able to demonstrate they can reliably gather the facts on patients and present this information in an organized manner. It is expected that the students will progressively synthesize this information, learning to connect signs and symptoms with tests, and to develop a differential diagnosis.
- Prompting students by asking questions to think and search evidence-based resources: students value questioning, especially when we ask their

opinion and ask them to formulate a plan. Active questioning will give them the opportunity to demonstrate their knowledge, reasoning and management skills.

- Lectures: these are done by the instructors and are interactive.
- Shadowing in the outpatient clinics
- Attending/Assisting in the operating theatre.
- Attending the labour ward, the student will interpret non-stress tests, do obstetric and vaginal examinations, watch normal and instrumental deliveries.
- Logbooks to check competencies and tailor individual plans if needed.
- OSCE assessment at the end of the 8-week rotation.

Textbook and materials:

Recommended books:

1. Hacker & Moore's Essentials of Obstetrics and Gynecology
2. Monga A. Gynaecology by Ten Teachers
3. Baker PN. Obstetrics by Ten Teachers
4. Magowan B, Owen P, Drife J. Clinical Obstetrics and Gynaecology
5. Callahan TL, Caughey AB, Heffner LJ. Blueprints Obstetrics and Gynaecology
6. Edmonds DK. Dewhurst Textbook of Obstetrics and Gynecology
7. Morgan M, Siddighi S. National Medical Series for Independent Study Obstetrics and Gynecology
8. Novak’s Gynaecology
9. Williams Obstetrics
10. Current clinical strategies, gynecology and obstetrics

Grading policy:

Grades are based on the following:

- Class attendance/ participation: 20%
- End of Course OSCE evaluation: 35%
- Final MCQ Exam: 45%

Total points 100

Course policies:

- Late Assignments will not be accepted
- Missed exams (OSCE) will only be repeated if there is an acceptable excuse at the departmental meeting. The exam will be done with the following group.
- Theory and oral exams follow the HU guidelines and need approval at the faculty meeting.
- Absence as per the HU guidelines: 10% of the rotation without an excuse,15% with an excuse. Missing any part of the daily allocated activities will be counted on as absence.
- Cheating will be treated as per the HU guidelines.

Classroom/online teaching protocol:

The students should demonstrate the following professional and ethical behavior and skills:

- Each student is dutiful, arrives on time, stays until all tasks are complete, attend online sessions on time and open his/her camera through them.
- Consistently follows through on patient care responsibilities.
- Accepts and readily responds to feedback, is not resistant to advice.
- Assures professionalism in relationships with patients, staff & peers.
- Displays integrity & honesty in medical ability and documentation.
- Acknowledges errors, seeks to correct errors appropriately.
- Is well prepared for and seeks to provide high quality patient care.
- Identifies the importance to care for underserved populations in a non-judgmental manner.

Important dates to remember:

- During the last week of the rotation (Usually Wednesday or Thursday): OSCE assessment
- Final MCQ Exam: 21-5-2026 until 11-6-2026 As per the 5th year calender

- **Students' rights and responsibilities:**
- Students are expected to be present for the various elective activities that will be noted by the clinical staff in the department.
- Attendance is expected at the various clinical activities including morning ward rounds, operating room when assigned, afternoon rounds, conferences, online sessions and any activity specifically requested by the attending instructor.
- Students are expected to be punctual for all various activities noted on the weekly schedule.
- Failure to adhere to the schedule will result in undue delays and inconveniences to patients, students and faculty.
- Dress Code: it is expected that students carry themselves in professional manner; this includes appropriate clothing while engaged in patient care. This also applies to online sessions when cameras are turned on and the operating room where scrubs are needed.

Responsibilities of the instructors:

- Treat all learners with respect and fairness.
- Treat all learners equally regardless of age, gender, race, ethnicity, national origin, religion, disability, or sexual orientation.
- Provide current materials in an effective format for learning.
- Be on time for didactic, investigational, and clinical encounters.
- Provide timely feedback with constructive suggestions and opportunities for improvement/remediation when needed.

Course schedule:

Each major group is going to be divided into ten subgroups rotating in nine hospitals as follows:

	PHH	Zarqa gov. hospital	Queen Alia	Al Basheer	Mafraq	Prince Hashem	King Talal	KHMC	Istiklal
Week1	1-2	3	4	5	6	7	9	8	10
Week2	3-4	1	2	6	5	8	10	7	9
Week3	5-6	2	1	3	4	9	7	10	8

Week4	7-8	5	6	9	10	1	3	2	4
Week5	9-10	7	8	1	2	3	5	4	6
Week6	1-2	9	10	7	8	5	4	6	3
Week7	3-4	6	5	2	1	10	8	9	7
Week8	5-6	4	3	8	7	2	9	1	10

Lectures will be presented during the whole first and once weekly on Thursdays 0800-1600 thereafter via Microsoft teams. The lectures distribution will be announced before every rotation

Dr Rami Al-Kilani

- SGA/IUGR
- Fetal demise in utero
- Multifetal gestation
- Puerperium and post-partum blues

Dr Firas Al-Rshoud

- Ectopic pregnancy & early pregnancy complications
- Puberty and its disorders
- Amenorrhea/ Oligomenorrhea
- Hirsutism/ PCOS
- Subfertility

Dr Hamzah Al-Amoush

- Benign and malignant cervical disease
- Pelvic organ prolapse
- Urinary incontinence
- Endometriosis/ Adenomyosis

Dr Dima Zghari

- Benign and malignant diseases of ovary
- Benign and malignant disease of uterus include fibroids
- Benign and malignant disease of vulva and vagina

Dr Fida Al-Asali

- Gynecological hx and physical exam
- Normal and abnormal Menstrual cycle and AUB
- Menopause
- Family planning

Dr Murad Alrabadi

- PROM/PPROM/PTB
- Assessment of fetal well-being
- Post-term pregnancy and Induction of Labour.
- Immune and non-immune hydrops

Dr Moath Bani Hani

- Medical diseases in pregnancy
- Assessment of fetal well-being
- Double/triple/quadrable tests and NT
- Rhesus iso-immunization and non-immune hydrops
- Puerperium and post-partum care

Dr Lubna Batayneh

- Introduction
- Obstetric hx and physical exam
- Normal and abnormal Labour
- Physiological changes in pregnancy

Dr Hadeel Rawahneh

- Diabetes in pregnancy
- Molar pregnancy

- Perinatal infections
- Neurological and renal disorders in pregnancy
- GI disorders in pregnancy