

Course Specification Student Version

Course Title:	Obstetrics and Gynecology
Course Code:	OBG 510
Department:	Medicine
Program:	Bachelor of Medicine and Surgery
College:	Vision College in Riyadh
Institution:	Vision College in Riyadh
Revised:	July 2025

A. Course Identification

1. Credit hours: 6 (2+1+3)
2. Level/year at which this course is offered: Level 10/Year 5
3. Pre-requisites for this course (if any): COM 408 IMS 408 PHC 408 BCS 408 MDI 408
4. Co-requisites for this course (if any): None

B. Teaching Methods

1	Interactive Lectures
2	Case-Based Tutorial
3	Skill lab sessions/hospital rotations

C. Course Description and Main objective

<p>1. Course Description This course will provide the basic knowledge and skills specific to reproductive health maintenance, the diagnosis, and the management of common obstetrical and gynecological disorders. We will emphasize the importance of quality obstetrics and gynecology in providing continuous comprehensive care for women. The students will experience how obstetrics and gynecology merge with surgery, medicine, and primary preventive care into a single practice and know that how overall mental and physical health interacts with reproductive function.</p>
<p>2. Course Main Objective The course objective is to provide a basic understanding of the knowledge, skills, and attitudes associated with reproductive health maintenance, the diagnosis, investigations, and management of common obstetrical and gynaecological disorders.</p>
<p>3. Course Objectives By the end of this course, students should be able to:</p> <ul style="list-style-type: none"> Describe the normal structure of various parts of the body including blood and nerve supply, origin, and insertion of muscles

- Apply knowledge of anatomical structures to analyze and interpret clinical case studies or medical imaging
- Describe the pathogenesis and stages of inflammation.
- Apply knowledge of major drug interactions and side effects to case scenarios.
- Perform a structured comprehensive history taking including systems review, family, past, social, and occupational history
- Summarize the clinical history of the patient highlighting the most important findings.
- Perform a full structured body system (nervous, cardiovascular, respiratory, gastrointestinal, musculoskeletal, renal, obstetric) physical examination on a mannequin or simulated patient.
- Design a comprehensive management plan including all therapeutic modalities for disease prevention and health promotion
- Select and apply the most appropriate and cost-effective diagnostic procedures.
- Analyze the impact of lifestyle on disease conditions in a case scenario.
- Demonstrate lifelong learning skills and update knowledge, clinical and technology skills.
- Adhere to patient confidentiality

D. Course Content

No.	List of Topics
1.	Normal fetal development and growth
2.	Hormonal control of the menstrual cycle and hormonal disorders
3.	Antenatal care
4.	Antenatal obstetric complications & Abnormal presentation of fetus
5.	Disorders of menstrual bleeding & Endometrial ablation
6.	Prenatal diagnosis Preimplantation genetic diagnosis (PGD)
7.	Normal and abnormal labor
8.	Polycystic ovary syndrome (PCOS) & Premenstrual syndrome (PMS)
9.	Medical complications of pregnancy Especially DM in pregnancy
10.	Hypertensive & Rh isoimmunization, ABO incompatibility disorders of pregnancy
11.	Early pregnancy loss (Miscarriages & Ectopic pregnancy)
12.	Preterm labor & Multiple pregnancies
13.	Obstetrical emergencies
14.	Perinatal infections & Gynecological infections
15.	Contraception methods
16.	Subfertility
17.	Chronic pelvic pain & Endometriosis
18.	Benign conditions of the Ovaries,
19.	Benign conditions of the uterus and endometrium & endometrial polyps

20.	Benign conditions of the cervix
21.	Malignant disease of the ovaries
22.	Malignant disease of the uterus
23.	Malignant disease of the cervix
24.	Urogynecology (Urinary Incontinence)
25.	Utero-vaginal prolapse
26.	Menopause
27.	Gestational trophoblastic disease GTD
28.	Gestational trophoblastic neoplasms GTN

E. Assessment tools

#	Assessment task	Percentage of Total Assessment Score
1	Midterm Exam	30%
2	Logbook /CBD	10%
3	Final Exam	30%
4	OSCE	30%
	Total	100%

F. Learning Resources

Required Textbooks	<i>Obstetrics by ten teachers.</i> Kenny, Louise C., and Jenny E. Myers, eds. 20th Edition 2017 ISBN- 9781498744478 <i>Gynecology by Ten Teachers</i> Louise Kenny (Editor), Helen Bickerstaff. 20th Edition 2017 ISBN- 978-1498744287
Essential Reference Material	<i>Oxford handbook of obstetrics and gynecology.</i> Collins, Sally, Sabaratnam Arulkumaran, Kevin Hayes, and Simon Jackson, eds. 3 rd edition 2008. ISBN-13: 9780199698400
Electronic Material	https://www.youtube.com/watch?v=kRFDq7IFen4 https://www.youtube.com/watch?v=qvpbXkK-Xsk https://www.youtube.com/watch?v=-FqHPadjW1w https://www.youtube.com/watch?v=76g_tNWMhCE https://www.youtube.com/watch?v=s2PJW2GdXWo https://www.youtube.com/watch?v=vyWgYYn92Xc https://youtu.be/LludDq5ZzOc https://youtu.be/h7nOZ2kNfW4 https://youtu.be/RB5s85xDshA https://www.uptodate.com/contents/table-of-contents/obstetrics-gynecology-and-womens-health