



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Obstetrics and Gynaecology

2324-5-H4101D332-H4101D111M

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#### Aims

The course's programme and the practical tasks will provide medical students with the notions to correctly face up to female physiology and pathology, including physiological changes of fertility period and pregnancy-puerperium and obstetrical and gynaecological diseases.

#### Contents

The primary aim of this course is to allow medical students to acquire general notions of gynaecology and pathology in order to identify diseases, and to differentiate basic from severe ones, that is those that could require a specialistic intervention. For this purpose, the course's programme includes the study of: anatomy and physiology of female reproductive system, fetal physiopathology, obstetrical and gynaecological pathology (specific topics: diagnosis, treatment and prevention).

#### Detailed program

Detailed program of the Course of Obstetrics and Gynecology

Normal and surgical anatomy of the female pelvis  
Gynecological history - Physical examination of the pelvis and diagnostics  
Pathophysiology of the hypothalamic-pituitary gonadal axis  
Genital tract infections  
Cervical cancer screening  
Diagnostic techniques in gynecology  
Pathologies of the menstrual cycle

Benign gynecological pathology  
Diagnosis and treatment of couple infertility  
Gynecological emergencies  
Physiology and pathology of pelvic dynamics (prolapse and urinary tract disorders)  
Gynecological oncology (ovary, cervix, endometrial pathology)  
Contraception  
Termination of pregnancy (Law 194)

Conception, implantation and placentation  
Physiological changes in pregnancy  
Epidemiology in obstetrics, antenatal care  
Bleeding in pregnancy  
Prenatal diagnosis: screening and diagnosis of the main fetal pathologies  
Fetal growth abnormalities  
Multiple pregnancy  
Medical pathology in pregnancy (diabetes, cholestasis, sepsis, heart diseases)  
Drugs and pregnancy  
Infections and pregnancy  
Hypertensive disorders of pregnancy  
Labor and delivery physiology and pathology  
Monitoring of fetal well-being  
Obstetric emergencies and postpartum hemorrhage

## **Prerequisites**

Knowledge of the introductory courses indicated in the syllabus of the degree course

## **Teaching form**

Lectures, Discussion on clinical scenarios

## **Textbook and teaching resource**

1) Manuale di Ginecologia ed Ostetricia - EdiSES Giorgio Bolis Edizione II / 2017 ISBN: 9788879599269

2) Core Curriculum - Ostetricia e Ginecologia Ferrari - Frigerio. Editore:

Mcgraw-hill. Edizione: 2013 ISBN: 9788838639708

3) Compendio di Ostetricia e Ginecologia - Nappi - Tommaselli

Editore: IDELSON-GNOCCHI Edizione: 2015 ISBN: 9788879475952

4) Essential Obstetrics Gynaecology - Fifth Edition Edited by Ian Symonds & Sabaratnam Arulkumaran/ 2013 ISBN:9780702030680

5) Obstetrics & Gynaecology Hannah Kither, Sarah Kitson, Louise Wan, Emma Crosbie. Edited by EUREKA 2017  
ISBN: 9781907816987

6) Manuale di Sala Parto- Valle A, Bottino S, Meregalli V, Zanini A, Lissoni D, Locatelli A. Edi Ermes 2019 ISBN  
9788870516753

## **Semester**

2nd Semester

## **Assessment method**

Oral exam

Oral test will be an interview discussing course subjects and contents of the course with two teachers respectively for Obstetrics and Gynecology

## **Office hours**

Only by appointment, please contact via mail

anna.locatelli@unimib.it

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY

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