Degree in Medicine and Surgery Integrated
Course of Obstetrics and Gynecology
SSD: **MED/40**
Coordinator: **Ermanno Greco**

Number of CTS: **2**
Professor's name:
Cosimo Oliva e-mail: cosimo.oliva@unicamillus.org

Number of CTS: **2**
Professor's name:
Mario Montanino Oliva e-mail: mario.montaninooliva@unicamillus.org

Number of CTS: **1**
Professor's name:
Ermanno Greco e-mail: ermanno.greco@unicamillus.org

LEARNING OBJECTIVES
To learn the basics of clinical physiopathology (in terms of preventive, diagnostic and therapeutic care), concerning the following topics: reproduction, pregnancy, childbirth and puerperium, and the main organic functional disorders and benign and malignant lesions of the female genital tract and of the breast.

LEARNING OUTCOMES
At the end of the course, students should have acquired theoretical knowledge in the field of gynecological and obstetrical physiopathology, regarding pregnancy, gynecologic benign and malignant pathology and reproductive function.

The student should have as well acquired the basis of diagnosis and treatment, and mastered the theoretical and applied knowledge of first assistance in the field of obstetric and gynecologic pathology, allowing a good cooperation with other physicians

COURSE SYLLABUS

- Outline of anatomy and embryology of the female genital system
- The anatomical and biological basis of the reproductive function
- Physiopathology of the female and male reproductive system
- Amenorrhea, chronic anovularoty and hyperandrogenism, and other abnormalities of the menstrual cycle.
- Dysmenorrhea and premenstrual syndrome
- Gynecological diagnostics
- Women's sexuality and its dysfunctions
- Fertilization and nesting
- Couple infertility

- Repeated abortion
- The techniques of PMA
- Preimplantation genetic diagnosis
- Principles of obstetrics semeiotics
- Ectopic pregnancy, diagnosis and treatment
- Prenatal diagnosis (NIPT, Villocentesis, amniocentesis)
- Monitoring of pregnancy and fetal growth
- Multiple pregnancy
- Infectious diseases in pregnancy
- Hypertension in pregnancy
- Gestational diabetes
- Childbirth labor and fetal monitoring
- Childbirth (eutocic, operative, Caesarean section)
- Postpartum pathologies
- Law 194 and abortion
- Surgical Anatomy
- Preoperative Considerations
- Intraoperative considerations
- Minimally Invasive Surgery Fundamentals
- Postoperative considerations
- Hysterosopy
- Laparoscopy
- Laparotomy
- Endometrials Polyps
- Adnexal Mass
- Myomas
- Cervical Cancer
- Endometrial Cancer
- Ovarian germ cell and sex cord-stromal Tumours
- Endometriosis
- Pelvic organ prolapsed
- Urinary incontinence
- Chronic Pelvic pain

COURSE STRUCTURE
50 hours of lectures with frontal instruction held by three teachers and divided as follows:
Prof. Ermanno Greco 10 hours; Prof. Mario Montanino 20 Hours; Prof. Cosimo Oliva 20 hours.

COURSE GRADE DETERMINATION
Oral examination with questions about theory and clinical cases. The final grade will be expressed out of thirty and will result from the sum of the scores available for each teacher (10 points per teacher).

OPTIONAL ACTIVITIES

The student will be given the opportunity to participate in seminars, hospital internship, internships in highly specialized laboratories. The number of student who can participate in the internships will not exceed three at a time.

READING MATERIALS

- Title: **Williams Gynecology (4th Edition)**
  Release date: 2020
  Publisher: McGraw-Hill Education
  Author: Barbara L. Hoffman, John O. Schorge, Karen D. Bradshaw, Lisa M. Halvorson, Joseph I. Schaffer, Marlene M. Corton
  Mandatory: No

- Title: **Williams Obstetrics (25th Edition)**
  Release date: 2018
  Publisher: McGraw-Hill Education
  Author: F. Gary Cunningham, Kenneth J. Leveno, Steven L. Bloom, Jodi S. Dashe, Barbara L. Hoffman, Brian M. Casey, Catherine Y. Spong
  Mandatory: No

- Title: **Ostetricia e ginecologia**
  Release date: settembre 2021
  Publisher: Idelson-Gnocchi
  Edition: 2
  Author: Nicola Colacurci, Luigi Cobellis, Pasquale De Franciscis

- Title: **Ginecologia e ostetricia**
  Release date: 2017
  Publisher: Seu
  Author: Pescetto, De Cecco, Pecorari, Ragni
  Mandatory: No