

V year (2nd semester)
A.Y. 2026-27

Scientific Field	OBSTETRICS AND GYNECOLOGY	TUTOR	ECTS
MED/40	Obstetrics and Gynecology	Vaquero Martin Maria Elena	1
MED/40	Obstetrics and Gynecology	Vasapollo Barbara	1
MED/40	Obstetrics and Gynecology	Alfredo Ercoli	1
MED/40	Obstetrics and Gynecology	Exacoustos Caterina	1
		TOT	4

Exacoustos Caterina.
COORDINATOR

SPECIFIC AIMS

EN: Knowledge of pathophysiological, psychological and clinical problems (from a preventive, diagnostic and therapeutic profile), relating female's fertility, procreation, pregnancy, antenatal morbidity and childbirth and the ability to recognize the most common shapes of obstetric – gynecological pathology, indicating the main preventive and therapeutic measures and identifying the conditions that require the specialist professional's contribution.

IT: Conoscenza dei problemi fisiopatologici, psicologici e clinici (dal punto di vista preventivo, diagnostico e terapeutico) relativi alla fertilità femminile, alla procreazione, alla gravidanza, alla morbilità prenatale e al parto, nonché capacità di riconoscere le forme più comuni di patologia ostetrico-ginecologica, indicando le principali misure preventive e terapeutiche e individuando le condizioni che richiedono l'intervento dello specialista.

PROGRAM

**GYNECOLOGIC
ENDOCRINOLOGY AND
REPRODUCTIVE
MEDICINE**

EN: - Regulation of the Menstrual Cycle

- Amenorrhea
- Polycystic Ovary Syndrome
- Thyroid and Reproduction
- Menopause and Hormone Replacement Therapy
- Evaluation of the infertile couple and Assisted Reproductive techniques
- Recurrent Pregnancy Loss pathogenesis , diagnosis and treatment
- Contraception

**Endocrinologia
ginecologica e
medicina della
riproduzione**

IT: Regolazione del ciclo mestruale

- Amenorrea
- Sindrome dell'ovaio policistico
- Tiroide e riproduzione
- Menopausa e terapia ormonale sostitutiva
- Valutazione della coppia infertile e tecniche di procreazione medicalmente assistita
- Patogenesi, diagnosi e trattamento della poliabortività ricorrente
- Contracezione

PROGRAM

**DIAGNOSTIC AND
CLINICAL ASPECTS IN
GYNECOLOGY**

**Aspetti diagnostici e
clinici in ginecologia**

EN: OBSTETRICS:

- Imaging in physiological pregnancy
- Ultrasound in obstetrical pathologies, during labor and in obstetrical emergencies
- Fetal growth normal, IUGR and fetal macrosomia
- Infection in pregnancy
- Amniotic fluid normal evaluation and pathologies
- First trimester complications: miscarriage, ectopic pregnancy, scar pregnancy

IT:

OSTETRICA:

- Imaging nella gravidanza fisiologica
- Ecografia nelle patologie ostetriche, durante il travaglio e nelle emergenze ostetriche
- Crescita fetale normale, ritardo di crescita intrauterino (IUGR) e macrosomia fetale
- Infezioni in gravidanza
- Valutazione normale del liquido amniotico e sue patologie
- Complicanze del primo trimestre: aborto spontaneo, gravidanza ectopica e gravidanza su cicatrice uterina

EN: GYNECOLOGY:

- Anatomical aspects
- Uterine Myometrial pathology
- Mullerian uterine congenital anomalies
- Endometrial benign pathology
- Ovarian benign pathology
- Endometriosis
- Ultrasonographic appearances in benign gynecology
- Minimally invasive surgery, general aspects

IT:

GINECOLOGIA:

Aspetti anatomici
Patologia miometriale uterina
Anomalie congenite mülleriane dell'utero
Patologia benigna dell'endometrio
Patologia benigna ovarica
Endometriosi
Aspetti ecografici nella ginecologia benigna
Chirurgia mini-invasiva: aspetti generali

PROGRAM

**GYNECOLOGY
ONCOLOGY AND
PELVIC SURGERY**

**Oncologia
ginecologica e
chirurgia pelvica**

EN: - Ultrasonographic appearances in gynecological oncology

- Cervical cancer: prevention and diagnosis
- Endometrial cancer: diagnosis and management
- Surgery in oncology, general aspects
- Ovarian carcinoma, diagnosis and treatment
- Urogynecology

IT: -Aspetti ecografici nell'oncologia ginecologica

- Carcinoma della cervice uterina: prevenzione e diagnosi
- Carcinoma dell'endometrio: diagnosi e gestione
- Chirurgia oncologica: aspetti generali
- Carcinoma ovarico: diagnosi e trattamento
- Uroginecologia

PROGRAM

**MATERNAL – FETAL
MEDICINE AND
OBSTETRICS**

**Medicina materno-
fetale e ostetricia**

EN:- Maternal modification in pregnancy

- Hypertension and preeclampsia
- Gestational diabetes and insulin dependent diabetes
- Preterm delivery
- Fetal growth
- Intrauterine growth retardation
- Complications at delivery
- Delivery mode

IT:-

- Modificazioni materne in gravidanza
- Ipertensione e preeclampsia
- Diabete gestazionale e diabete insulino-dipendente
- Parto pretermine
- Crescita fetale

-Ritardo di crescita intrauterino
-Complicanze del parto
-Modalità del parto

TEXTBOOKS

4th Edition Obstetrics&Gynecology A Comprehensive Guide for MRCOG
Edited by Mark D.Kilby, David M. Luesley Copyright 2026

EXAM METHOD

Oral exam.

EXAM COMMISSION

The Coordinator, full Professors of the disciplines, Professors of similar disciplines, Specialists of the subject, compose the exam Commission of the Integrated Course.

Exacoustos Caterina, President
Ticconi Carlo
Vaquero Martin Maria Elena
Vasapollo Barbara
Farsetti Daniele
Alfredo Ercoli

CONTACTS

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PREREQUISITES: Previous knowledge and competence in the following subjects: Anatomic Pathology, Endocrinology, Histology and Embryology, Human Anatomy 1, Human Anatomy 2.

The specific learning outcomes of the program are coherent with the general provisions of the Bologna Process and the specific provisions of EC Directive 2005/36/EC. They lie within the European Qualifications Framework (Dublin Descriptors) as follows:

1. Knowledge and Understanding

- Assess the physiologic principles that govern the function of the main body systems and the alterations induced by functional and structural abnormalities.
- Describe the main aspects of general pathology and explain the physiopathologic mechanisms underlying the concept of benign and malignant disorders as well as reversible and irreversible cellular damage
- Demonstrate knowledge about the mechanism of cell cycle maintenance and regulation; the factors affecting it and their consequences.
- Understand the core principles of acute and chronic inflammation in relation to the molecular, systemic and clinical aspects.
- Relate the general principles, terminology, and modes of spread of disease to the study of Systemic Pathology and the ways in which pathology contributes to the understanding of patient presentation in a clinical setting
- Focus on each organ and describe the pathogenesis of the main disease.
- Correlate basic disease states studied at a cellular and gross anatomic level with the overt clinical signs and symptoms seen in those disorders.
- Learn to interpret appropriate laboratory and diagnostic studies.

2. Applying Knowledge and Understanding

- Apply the diagnostic procedure in pathology, through introduction of the differential diagnostic methods at the clinical level.
- Apply a basic understanding of histopathology and morbid anatomy to the examination of microscopic sections and gross specimens, respectively, displaying pathological processes.
- Provide a differential diagnosis based on specific clinical data, providing a comprehensive explanation of the underlying reasoning.
- Learn the practical aspects of the pathologic diagnostic instruments, when to use them and how to perform them.

3. **Making Judgements**

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper medical education.
- Identify the fundamental role of a proper theoretic knowledge of the subject in the clinical practice.

4. **Communication Skills**

- Present the topics orally in an organized and consistent manner.
- Use of proper scientific language coherent with the topic of discussion.

5. **Learning Skills**

- Identify the possible use of the acknowledged skills in the future career.
- Assess the importance of the acquired knowledge in the overall medical education process.