

UNIVERSITY DIPLOMA IN OBSTETRIC AND GYNECOLOGICAL ULTRASOUND

Main Language of Instruction:French ☒ English ☐ Arabic ☐**Campus Where the Program Is Offered:** CSM**OBJECTIVES**

This University Diploma aims to train healthcare professionals in the expert practice of obstetric ultrasound, integrating both theoretical knowledge and technical skills.

PROGRAM LEARNING OUTCOMES (COMPETENCIES)

Develop practical and analytical skills in obstetric ultrasound to improve prenatal diagnosis and the quality of personalized care.

ADMISSION REQUIREMENTS

- Diploma or Bachelor in Midwifery
- Doctor of Medicine degree

PROGRAM REQUIREMENTS**15 Credits: Required Courses (15 credits)****Required Courses (15 Cr.)**

Clinical Placement in Obstetric Ultrasound (4 Cr.), Introduction to Gynecological Ultrasound (1 Cr.), Obstetric Ultrasound Simulation Workshop (3 Cr.), Principles of Ultrasound and Study of Fetal Annexes (1 Cr.), Responsible Practices and Innovations in Obstetric Ultrasound (1 Cr.), Ultrasound Follow-up in the First Trimester (1 Cr.), Ultrasound Follow-up in the Second and Third Trimesters (3 Cr.), Ultrasound Monitoring of High-Risk Pregnancies (1 Cr.)

COURSE DESCRIPTION

034SCEOP1	Clinical Placement in Obstetric Ultrasound	4 Cr.
This course allows students to strengthen their theoretical knowledge and technical skills in a clinical setting, with the aim of providing comprehensive ultrasound monitoring of pregnant women.		
034IAEGP1	Introduction to Gynecological Ultrasound	1 Cr.
This course provides students with an introduction to the principles of ultrasound applied to gynecology.		
034ASEOP1	Obstetric Ultrasound Simulation Workshop	3 Cr.
This course enables students to replicate professional scenarios, promoting the development of precise skills and decision-making through clinical simulation sessions.		
034PEAFP1	Principles of Ultrasound and Study of Fetal Annexes	1 Cr.
This course aims to provide students with fundamental knowledge of the physical principles of ultrasound and to apply the basics of ultrasound imaging to the study of fetal annexes.		

034PRIEP1	Responsible Practices and Innovations in Obstetric Ultrasound	1 Cr.
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This course encourages students to reflect on the ethical issues related to obstetric ultrasound practice. It helps them develop communication skills suited to this context and includes an introduction to the applications of artificial intelligence in medical imaging.

034SEPTP1	Ultrasound Follow-up in the First Trimester	1 Cr.
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This course enables students to acquire the knowledge necessary to perform first-trimester ultrasounds and to recognize the various techniques for chromosomal disease screening.

034SGDTP1	Ultrasound Follow-up in the Second and Third Trimesters	3 Cr.
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This course aims to train students in performing fetal morphology and growth ultrasounds. It provides the knowledge necessary to identify normal anatomical structures, detect potential anomalies, and integrate ultrasound findings into the overall management of pregnancy.

034SEGRP1	Ultrasound Monitoring of High-Risk Pregnancies	1 Cr.
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This course aims to train students in ultrasound monitoring of high-risk pregnancies, covering twin pregnancies, pathological pregnancies, and pregnancies in women with preexisting conditions.