



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Radiologic Technology Department

RA740 Advanced Diagnostic Ultrasound

First Semester 2024-2025

Course Catalog

2 Credit Hours. This subject examines the basic physics, instrumentation and some clinical aspects of medical diagnostic ultrasound. The propagation of ultrasound in an attenuated media, the instrumentation associated with different ultrasound modalities, common imaging artifacts, potential bioeffects, and recommendations for the safe use of ultrasound are all considered. In addition, aspects of 2D real-time greyscale imaging as applied to selected clinical areas, including abdominal, obstetric and gynecological ultrasound, are covered. The interpretation of diagnostic information gained from the various ultrasound modalities is also given attention.

Teaching Method: On Campus

Instructor

Name	Dr. Badera Almohammad
Office Location	-
Office Hours	
Email	bmalmohammad@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Sun : 14:30 - 16:30
 Room: U

Relationship to Program Student Outcomes (Out of 100%)

PLO B1	PLO B2	PLO B3	PLO B4	PLO B5	PLO B6	PLO B7	PLO M1	PLO M2	PLO M3	PLO M4	PLO M5	PLO M6

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