



Spring Semester AY 2023 – 2024	American University of Beirut	
	Faculty of Health Sciences – Division of Health Professions	
	Medical Imaging Sciences Program	
	Course number	MIMG208
	Course name	Sectional Anatomy

Course Administration

Instructor: Ms. Hanane Merhi

Office: Sub-basement, AUBMC, Room #: SB- 17

Phone Extension: 5075

Office hours: by appointment

Email : hm14@aub.edu.lb

Class Time and Venue

Monday	12:00 – 12:50	Van Dyck 101
Tuesday and Thursday	11:00 – 11:50	Van Dyck 101

Course Description

This course introduces the student to human anatomy as seen in the transverse, coronal, and sagittal planes. Anatomy of the head, neck, thorax, abdomen, pelvis, and extremities will be studied using CT and MRI images.

Course Learning Outcomes

By the end of the course, students will be able to:

- LO1. Differentiate between planes of the body and name external landmarks
- LO2. Develop a thorough understanding of anatomical spatial relationships and how they pertain to cross sectional anatomy.
- LO3. Recognize structures as imaged in various planes (axial, sagittal, and coronal) based on their anatomical spatial relationships.
- LO4. Identify and label anatomic structures on diagrams and on computed tomography (CT) and magnetic resonance (MR) images of the head, neck, thorax, abdomen, pelvis, and extremities.

Credits Allocated: 3

Prerequisites: HUMR246

Course Outline

Please note this is a tentative schedule. Any changes may be made at the instructor's discretion.



Sessions' Date	Topic	Course Activities	Course Objectives
18 Jan	Orientation to course Explanation of the syllabus and course requirements Introduction to Sectional Anatomy	Reading Course Syllabus on Moodle Chapter 1	1
22 Jan – 8 Feb	Sectional Anatomy of the Thorax	Power-Point presentations posted on Moodle Viewing sessions Labelling exercises	2 – 4
29 Feb	Test 1		2 – 4
12 Feb – 4 Mar	Sectional Anatomy of the Head and Neck		2 – 4
5 Mar – 12 Mar	Sectional Anatomy of the Upper and Lower Extremities		2 – 4
28 Mar	Test 2		2 – 4
14 Mar – 4 Apr	Sectional Anatomy of the Abdomen		2 – 4
08 Apr – 25 Apr	Sectional Anatomy of the Pelvis		2 – 4
TBD	Test 3		2 – 4
25 March session (Annunciation Day) needs to be compensated on Tuesday 19 March, 12:00 – 12:50			
01 April session (Latin Easter) needs to be compensated on Tuesday 26 March, 12:00 – 12:50			

Student Assessment

Assessment	Chapters	Percent
1. Attendance	-	5%
2. Test 1	Sectional Anatomy of the Thorax	25%
3. Test 2	Sectional Anatomy of the Head and Neck Sectional Anatomy of the Upper and Lower Extremities	30%
4. Test 3	Sectional Anatomy of the Abdomen and pelvis	40%

Course Resources

1. Applegate E. J. (2010). *The Sectional Anatomy Learning System Applications*. 3rd Edition. St. Louis, Missouri, Saunders Elsevier.
2. Applegate E. J. (2010). *The Sectional Anatomy Learning System Concepts*. 3rd Edition. St. Louis, Missouri, Saunders Elsevier.
3. Kelley L. L. & Petersen C. M. (2018). *Sectional Anatomy for Imaging Professionals*. 4th Edition St. Louis, Missouri, Elsevier.
4. Madden M. E. (2013). *Introduction to Sectional Anatomy*. 3rd Edition. Philadelphia, PA, Lippincott Williams & Wilkins.
5. Useful Websites: <https://mrimaster.com>
<https://www.med-ed.virginia.edu/courses/rad/headct/>
<http://w-radiology.com>

Course Policies and General Notes

1. Attendance:

- Students are expected to attend all classes and attendance will be taken in each lecture. A student is responsible for the work that is done and for any announcements made during student absence.



- Students who, during a term, miss more than one-fifth of the sessions of any course in the first twelve weeks of the term (six weeks in the case of the summer term) can be dropped from the course. A faculty member who drops a student from the course for this reason must have stated in the syllabus that attendance will be taken.
- Students who withdraw or are dropped for excessive absence from a course receive a grade of "W". Students who do not withdraw or cannot be dropped for excessive absence from a course will receive a grade of 40 (F).
- Students arriving late to class (>10 minutes) will be considered absent.

2. Academic integrity:

Education is demanding, and time management is essential. Do not hesitate to use the resources around you but do not cut corners. Cheating and plagiarism will not be tolerated. Please review the Student Code of Conduct in your handbook available on the following web page:

<https://www.aub.edu.lb/sao/Documents/Student%20Handbook%202016-2017.pdf> and familiarize yourself with definitions and penalties (p. 33).

If you're in doubt about what constitutes plagiarism, ask your course instructor(s) because it is your responsibility to know. The American University of Beirut has a strict anti-cheating and anti-plagiarism policy. Penalties include failing marks on the assignment in question, suspension or expulsion from university and a permanent mention of the disciplinary action in the student's records.

By signing up for this course, you confirm that you have read and accepted the terms and provisions of "AUB's Privacy Statement".

3. Examinations:

All written exams must be completed within the time period specified. Students who miss a scheduled examination or quiz must present an excuse considered valid by the instructor of the course. The only delays for the exam that will be considered by the course instructor(s) are for documented illness, death in the family, and personal/family emergency. Unless stated otherwise in the course syllabus, the course instructor should then require the student to take a make-up examination.

Only medical reports issued by an AUB Medical Center (AUBMC) doctor, or by the University Health Services will be accepted. Should there be a question about the validity of any excuse presented by the student, the matter should be referred to the appropriate faculty committee. Instructors should make sure there is no time conflict between an exam and a regularly scheduled course.

4. Students with Disabilities:

AUB strives to make learning experiences accessible for all. If you anticipate or experience academic barriers due to a disability (such as ADHD, learning difficulties, mental health conditions, chronic or temporary medical conditions), please do not hesitate to inform the Accessible Education Office. In order to ensure that you receive the support you need and to facilitate a smooth accommodations process, you must register with the Accessible Education Office (AEO) as soon as possible:

accessibility@aub.edu.lb; +961-1-350000, x3246; West Hall, 314.

5. Non-Discrimination – Title IX – AUB:

AUB is committed to facilitating a campus free of all forms of discrimination including sex/gender-based harassment prohibited by Title IX. The University's non-discrimination policy applies to, and protects, all students, faculty, and staff. If you think you have experienced discrimination or harassment, including sexual misconduct, we encourage you to tell someone promptly. If you speak to a faculty or staff member about an issue such as harassment, sexual violence, or discrimination, the information will be kept as private as possible, however, faculty and designated staff are required to bring it to the attention of the University's Title IX Coordinator. Faculty can refer you to fully confidential resources, and you can find information and contacts at www.aub.edu.lb/titleix. **To report an incident**, contact the University's Title IX Coordinator Mitra Tauk at 01-350000 ext. 2514, or titleix@aub.edu.lb. An anonymous report may be submitted online via Ethics Point at www.aub.ethicspoint.com.