

Course Syllabus

1	Course title	Anatomy of Limbs for Rehab Students
2	Course number	0502108
3	Credit hours (theory, practical)	3 (2,1)
	Contact hours (theory, practical)	4 (2,2)
4	Prerequisites/corequisites	General biology 0304101
5	Program title	BSc Rehabilitation Sciences
6	Program code	
7	Awarding institution	The University of Jordan
8	School	School of Medicine
9	Department	Anatomy and Histology
10	Level of course	First year
11	Year of study and semester (s)	Second and summer semester
12	Final Qualification	BSc
13	Other department (s) involved in teaching the course	/
14	Language of Instruction	English
15	Date of production/revision	2/7/2023

16. Course Coordinator:

Dr. Ahmed Salman
Email: ahmed.salman@ju.edu.jo
Office hours: Monday – Wednesday 11-12

17. Other instructors:

None



18. Course Description:

This course includes gross anatomy of the upper limb and lower limb of human body which covers bones, joints and muscles (origin, insertion, functions) in addition to blood vessels and nerves and their clinical applications. Also with concentration on the practical aspects and skills in structure identification of the upper and lower limbs.

19. Course aims and outcomes:

Aims:

- 1- Describe the general features of the bones of the upper and lower limbs.
- 2- Identify the major muscles of the upper and lower limbs.
- 3- Explain the types and structure of the joints of the upper and lower limbs.
- 4- Correlate between the attachment of the muscles and their functions on the different joints.
- 5- Identify the major nerves of the upper and lower limbs.
- 6- Describe the functional components of each of the major nerves, its distribution and the effects of injury.
- 7- Identify and describe the course of the major superficial veins of the upper and lower limbs.
- 8- Name the major arteries of the upper and lower limbs.
- 9- Locate the site of feeling the pulse in the major arteries of the upper and lower limbs.

ILOs:

- 1- Describe course, relations and branches of main blood vessels of the upper and lower limbs
- 2- Describe course, relations and branches of main nerves of the upper and lower limbs
- 3- Describe the surface landmarks of the underlying bones, muscles and tendons of the upper and lower limbs
- 4- Outline major clinical applications of anatomical facts
- 5- Interpret the normal anatomical structures on radiographs
- 6- Correlate anatomical facts with the manifestation of various nerve injuries
- 7- Identify the important features of the bones of the upper and lower limbs
- 8- Identify the origin, insertion and nerve supply of muscles of the upper and lower limbs
- 9- Identify the surface anatomy of various arteries and nerves

20. Topic Outline and Schedule:

Week No	Lecture 1	Lecture 2 (Rec)	Practical
1	1 Introduction	None	None
2	2 bones of UL-1	3 axilla & brachial plexus	Bones-1
3	4 muscles of UL-1	5 upper arm	Pectoral & scapular muscles
4	6 joints of UL-1	7 bones of UL-2	Bones-2
5	8 forearm-1	9 forearm-2	Forearm Ant Compt
6	9 wrist & hand	10 joints of UL-2	Forearm post Compt
7	11 arteries of UL	None	Wrist & hand

8	12 nerves of UL	13 nerve injuries	None
9	14 Bones of lower limb	15 gluteal region	Bones-1
10	16 thigh ant	17 thigh med & post	Gluteal Region
11	18 the leg ant	19 the leg post & lat	Thigh
12	20 The foot-1	21 The foot-2	leg muscles-2
13	23 Nerves LL	24 nerve injuries	leg muscles-2
14	22 vasculature LL	None	None

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- Blended Learning + Flipped Learning
- Online live discussions
- Online pre-recorded lectures
- Online pre-recorded practical demonstrations
- Live on campus meetings

22. Evaluation Methods and Course Requirements:

Evaluation methods:
Assignments and Quizzes, Midterm exam, Participation, Final exam

23. Course Policies:

A-Attendance policies:

Students are expected to attend all class sessions as listed on the course calendar. Students are not allowed to be absent for more than 15% of the credit hours of the course. All students are required to wear a lab coat during the laboratory session.

B- Absences from exams and handing in assignments on time:

Make-up appeals are considered only for students who provide documentation of a compelling reason for missing the exam.

C- Health and safety procedures:

College Members and students must at all times, conform to Health and Safety rules and procedures. Particular to the situation of Covid-19 pandemic, students are required to wear masks and gloves inside labs.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this class and also integrity in your behavior in and out of the classroom. Students violate this policy would be subjected to disciplinary action according to University of Jordan disciplinary policies

E- Grading policy:

Grade-point average according to grading policy at University of Jordan

F- Available university services that support achievement in the course:

Internet database at the University of Jordan

The University of Jordan library

24. Required equipment: (Facilities, Tools, Labs, Training....)

Laptop with microphone and camera, internet connection, Microsoft Teams, Moodle, Word, PDF reader,

25. References:

Required book(s), assigned reading and audio-visuals:

Clinical anatomy by regions, by Snell

26. Additional information:

Course Assessment:

Midterm 40%

Final exam 60%

Name of Course Coordinator: ---Ahmed Salman-- Signature: ----- Date: ---

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- Signature: -----

