

SUBJECT CHART

1. Schedule data

1.1 University	„VICTOR BABES” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA
1.2 Faculty	FACULTY OF MEDICINE
1.3 Department	I
1.4 Studies area	License
1.5 Cycle of studies ²⁾	License
1.6 Studies program	MEDICINE

2. Discipline data

2.1. Subject name	CLINICAL ANATOMY							
2.2 Lecture activity tutor								
2.3 Practice activity tutors								
2.4 Year of study	III	2.5 Semester	I	2.6 Assessment type	Colloquy	2.7 Type of Discipline	Content ³⁾	DO
							Compulsory ³⁾	DO

3. Estimated total time (hours per semester of teaching activities)

3.1 Number of hours per week	1	3.2 from which: lecture	1	3.3 practice	-
3.4 Total hours of the curriculum	14 (1x14 for 1 sem)	3.5 from which: lecture	14	3.6 practice	-
Distribution of time					hours
Study after manual, lecture material, references and notes					19
Additional documentation in the library, on the specialized electronic platforms and on the field					5
Training seminars / practice / projects, themes, papers, portfolios and essays					10
Tutoring					-
Exams					2
Other activities					-
3.7 Total hours of individual study		34			
3.8 Total hours per semester		50 (2 credits x25 hours/credit)			
3.9 Credit points ⁵⁾		2			

5. Conditions (if necessary)

5.1 lecture	<ul style="list-style-type: none"> • Mobile phones will be closed during classes, conversations are not tolerated. • The students' delay in the lecture will not be tolerated as it is proven disruptive to the educational process; • The date of the lecture's seminary is announced at the beginning of the semester. Claims for postponement will not be accepted for reasons other than a legitimate objective; The attendance at the lecture is compulsory, a maximum of 30% out of the total absences being accepted.
5.2 practice/ project	<ul style="list-style-type: none"> • Mobile phones will be closed during the practice, are not tolerated telephone conversations during the practice, nor students leaving the room. • The students' delay will not be tolerated as it proves disruptive to the educational process; • Presence at internships / practice is mandatory, a maximum of 15% out of the total absences is accepted (recovery of absences until the beginning of the session exams). • Recovery of absences is allowed up to 15% out of the total number of absences with the payment during the academic year (except for medical cases that will require individual approval of the Dean). • The date of the endpoint verification of practice material is announced at the beginning of the semester. Applications for postponement will not be accepted for reasons other than a legitimate objective; • The practical exam will be held in the last week of the semester or in the ordinary session, from the topic of the practical works / laboratories displayed in advance. The practical exam in the session will not be held on the same day with the MCQs. • Students accumulating between 15-30% of absences will recover them on a paying system and lose the right to attend the regular session. • Students accumulating over 30% of absences can not attend the exam during the current academic year and are required to re-study the discipline.

6. Specific skills

Professional Skills	<ul style="list-style-type: none"> Correct medical language by the use of correct anatomical terminology correlated to medical and surgical terminology. Structuring basic anatomy terms useful in medical and surgical practice with acquisition of basic anatomical terms for the main medical specialties.
Transversal Skills	<ul style="list-style-type: none"> Acquisition of the specific thinking for anatomic and clinical correlation. Anatomic-clinical-imagistic correlation in the main topographic anatomic areas.

7. Discipline objectives (based on the specific competences)

7.1 General objective of Discipline	<ul style="list-style-type: none"> Acquisition of basic anatomical knowledge with clinical significance. Association of medical and surgical clinical anatomy data that can contribute to development of modern medical judgement in the spirit of complex medical trading. Adequate use of anatomical terms by the students of clinical years, enabling them to communicate in the framework of medical and surgical disciplines.
7.2 Specific objectives	<ul style="list-style-type: none"> Correlation of anatomical structures with modern imagistics aiming to have correct and complete diagnoses. Correlation of anatomical structures with access pathways and the stages of surgical interventions.

8. Contents

8.1 Lecture	Teaching methods	No. of hours	Notifications
1. Introduction in clinical anatomy. Systemic clinical anatomy. Part I.	Interactive presentation of the teaching material, using multimedia, PowerPoint presentations, educational videos.	1	
2. Systemic clinical anatomy / Regional clinic anatomy		1	
3. Skin.		1	
4. Fasciae and aponeuroses.		1	
5. Muscles.		1	
6. Joints.		1	
7. Bursae. Synovial sheaths. Tendons.		1	
8. Blood vessels I.		1	
9. Blood vessels II. Lymphatic system.		1	
10. Peripheral nervous system.		1	
11. Central nervous system.		1	
12. Mucous membranes. Serous membranes.		1	
13. Osseous system.		1	
14. Clinical radio anatomy.		1	

Mandatory references:

- Abrahams P, Craven J, Lumley J. – Illustrated Clinical Anatomy. Holder Arnold, London, 2005.
- Drake RL, Vogl W, Mitchell AWM. Gray's Anatomy for Students. Elsevier Churchill Livingstone, Philadelphia, 2005.
- Hansen JT, Lambert DR. – Netter's Clinical Anatomy. Icon Learning Systems, Carlstadt, New Jersey, 2005
- Snell R.S. – Clinical Anatomy by Systems. Lippincot Williams and Wilkins, Baltimore, Philadelphia, 2007
- Snell R.S. – Clinical Anatomy by Regions. Lippincot Williams and Wilkins, Baltimore, Philadelphia, 2008

Optional references:

- Chevrel J.P. - Anatomie Clinique, Springer Verlag, Paris, Berlin, Heidelberg, New-York, London, Tokio, Hong-Kong, 1994.
- Kamina P., Gouazé A. - Anatomie clinique : Tome 5, Neuroanatomie, Maloine Editeur, 2013
- Prades J.M. - Anatomie clinique du système nerveux central, Elsevier-Masson Editeur, 1999

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Methods of assessment	10.3 Percent of the final grade
10.4 Lecture	Entering the theoretical exam is conditioned by the participation of the students in at least 70% of the lectures.	<i>Final assessment:</i> oral examination <i>Semestrial activity</i>	90% 10%
10.6 Minimum performance standard			
<ul style="list-style-type: none"> • Acquisition of the specific thinking for anatomic and clinical correlation. • Anatomic-clinical-imagistic correlation in the main topographic anatomic areas. 			

Date of completion	Tutor Lecture Signature	Practice Tutor Signature
Head of Discipline Signature Full Professor Bolintineanu Sorin-Lucian, MD,PhD		
Date of approval in the Department	Head of Department Signature Full Professor Bolintineanu Sorin-Lucian, MD,PhD	