



**UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE  
GRIGORE T. POPA IAȘI**

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**SYLLABUS**

**1. Programme Details**

1.1.	“GRIGORE T. POPA” UNIVERSITY OF MEDICINE AND PHARMACY FROM IAȘI
1.2.	FACULTY OF MEDICINE / DEPARTMENT: SURGICAL II
1.3.	DISCIPLINE: ORTHOPEDICS AND TRAUMATOLOGY
1.4.	FIELD OF STUDY: HEALTH
1.5.	STUDY CYCLE: BACHELOR
1.6.	PROGRAMME OF STUDY: Medicine English

**2. Discipline Details**

2.1.	Name of the Discipline: <b>SPORTS MEDICINE</b>						
2.2.	Teaching staff in charge with lectures: <b>Sef lucrari Dr. Veliceasa Bogdan</b>						
2.3.	Teaching staff in charge with seminar activities: -						
2.4. Year	V	2.5. Semester	I	2.6. Type of evaluation	Colloquium	2.7. Discipline regimen	Optional

**3. Overall Time Estimates (hours/semester of didactic activity)**

3.1. Number of hours per week	2	Of which: 3.2. lectures	2	3.3. seminar/ laboratory	-
3.4. Total hours in the curriculum	14	Of which: 3.5. lectures	14	3.6. seminar/ laboratory	-
Distribution of time					Hours
Study time using coursebook materials, bibliography and notes					6
Further study time in the library, online and in the field					12
Preparation time for seminars / laboratories, homework, reports, portfolios and essays					12
Tutoring					2
Examinations					4
Other activities					-
3.7. Total hours of individual study					36
3.8. Total hours / semester					50
3.9. Number of credits					2



FACULTATEA DE MEDICINĂ

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#### 4. Prerequisites (where applicable)

4.1. curriculum	Not applicable
4.2. competences	Not applicable

#### 5. Conditions (where applicable)

5.1. for lecture delivery	Not applicable
5.2. for seminar / laboratory delivery	Not applicable

#### 6. Specific Competences Acquired

Professional Competences (knowledge and skills)	<ul style="list-style-type: none"> <li>The forms for the clinical observation of a patient with sports injuries</li> <li>Description radiography</li> <li>The diagnosis according to the description radiography, differential diagnosis, treatment principles</li> <li>Making correlations between disease etiopathogenesis, clinical signs, radiological appearance, diagnosis and treatment</li> <li>Know implants and specific material orthotic and prosthetic systems</li> </ul>
Transversal Competences (roles, personal and professional development)	<ul style="list-style-type: none"> <li>Assistance at home a sick operated: wound care, postoperative dispensary</li> <li>Clinical examination, diagnosis, first aid and referral to specialized units to patients with sport-surgical emergencies</li> </ul>

#### 7. Objectives of the Discipline (related to the acquired competences)

7.1. General Objective	<ul style="list-style-type: none"> <li>Recognize each person's role in the team approach patient care for treatment of injuries in the athletic population.</li> </ul>
7.2. Specific Objectives	<ul style="list-style-type: none"> <li>Treatment guideline for managing articular cartilage injuries</li> <li>Treatment strategies into post-surgical treatment plan for rehabilitation of athletes</li> <li>Identify pertinent return-to-play principles following shoulder and knee arthroscopy surgery</li> </ul>

#### 8. Contents

8.1. Lecture	Teaching methods	Comments
Lecture 1 - Bone injuries in athletes	Powerpoint/ oral presentation	2 hours
Lecture 2 - Ligament injuries in athletes	Powerpoint/ oral presentation	2 hours
Lecture 3 - Specific sports	Powerpoint/ oral presentation	2 hours
Lecture 4 - Shoulder ligament injuries in athletes / Shoulder arthroscopy	Powerpoint/ oral presentation	2 hours
Lecture 5 - Knee ligament injuries in athletes / Knee arthroscopy	Powerpoint/ oral presentation	2 hours
Lecture 6 - Nutrition and medication of athletes	Powerpoint/ oral presentation	2 hours
Lecture 7 - Recovery in athletes	Powerpoint/ oral presentation	2 hours
<b>Bibliography</b>		
1. Madden, Christopher C., and Frank H. Netter. 2010. <i>Netter's sports medicine</i> . Philadelphia: Saunders/Elsevier.		

<ul style="list-style-type: none"> <li><a href="http://www.clinicalkey.com/dura/browse/bookChapter/3-s2.0-B9781416049227X00012">http://www.clinicalkey.com/dura/browse/bookChapter/3-s2.0-B9781416049227X00012</a>.</li> </ul>		
2. Brukner & Khan's clinical sports medicine: injuries		
<b>8.2. Seminar / Laboratory</b>	<b>Teaching methods</b>	<b>Comments</b>
Not applicable		
<b>Bibliography</b>		

### 9. Correlations between the contents of the discipline and the expectations of the epistemic community, of profesional associations and of employers in the field

Knowledge and skills are set as teaching objectives and specified as such in analytical programs reviewed annually. After analysis within the discipline, these are discussed and approved within the Curriculum Bureau, in the sense of harmonization with other disciplines. Throughout this process, the correspondence between content and the expectations of the academic community, community representatives, professional associations and employers is systematically assessed, as far as possible. As a primary goal, the discipline aims to provide students with the optimal prerequisites for the next years of study in the Bachelor of Medicine program, in order to successfully hire, immediately after graduation, residency programs in Romania and other EU countries.

### 10. Evaluation

Type of activity	10.1. Evaluation criteria:	10.2. Methods of evaluation	10.3. Percentage of final grade
10.4. Lecture	Portfolio / projects / case presentation / essays / summaries / homework	Colloquium	100%
10.5. Seminar / Laboratory	- -		
<b>Minimum standard of performance: at least grade 5 to pass the discipline</b>			

Date:

Name and Signature of Didactic Co-ordinator

Name and Signature of Department Director