



Table 2

3.2. Course description

Basic description		
Course coordinator	Prof. dr. sc. Branko Šestan	
Course title	Physiotherapy of musculoskeletal system	
Study programme	Physiotherapy graduated study	
Course status	compulsory	
Year	2.	
ECTS credits and teaching	ECTS student 's workload coefficient	9
	Number of hours (L+S)	30 + 30 +60

1. COURSE DESCRIPTION		
1.1. <i>Course objectives</i>		
Enabling students to apply a wide range of fundamental skills of physiotherapy in patients with disturbances of muscular skeletal system		
1.2. <i>Course enrolment requirements</i>		
There are no course enrolment requirements.		
1.3. <i>Expected course learning outcomes</i>		
General competencies (skills) in assessing, developing treatment goals and evaluation of the results		
Development of specific competences (knowledge and skills) within a specific physiotherapy procedures, physiotherapy mastering tools (techniques) for the purpose of facilitation as a more functional movement.		
1.4. <i>Course content</i>		
The use of objective methods of testing and evaluation of muscular skeletal disorders (dynamometry, platform gait analysis, balance of platform Sport Cat 2000, isokinetic test-Saybex, K-1000 instrument for testing translation of the tibia in the knee instability). Mastering specific skills using a physical therapy tools (techniques) approximation, irradiation, reciprocal innervation, facilitation, postisometric relaxation, linfne drainage and Kinesio Taping. Self-employment (creation of a professional or scientific work) as a result of the evaluation data collected at the Clinic for Orthopedics Lovran		
1.5. <i>Teaching methods</i>	<input type="checkbox"/> x lectures <input type="checkbox"/> x seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> long distance education <input type="checkbox"/> fieldwork	<input type="checkbox"/> x individual assignment <input type="checkbox"/> x multimedia and network <input type="checkbox"/> laboratories <input type="checkbox"/> mentorship <input type="checkbox"/> other
1.6. <i>Comments</i>		
1.7. <i>Student's obligations</i>		
Regular attendance to lectures and seminars. Preparation of the course content to be discussed during seminars and practicals.		
1.8. <i>Evaluation of student's work</i>		



Course attendance	5%	Activity/Participation	10%	Seminar paper	15%	Experimental work	
Written exam	15%	Oral exam	15%	Essay		Research	
Project		Sustained knowledge check	40%	Report		Practice	
Portfolio							

1.9. Assessment and evaluation of student's work during classes and on final exam

Evaluation would be performed according the actual Rules on studies of University of Rijeka (approved by the Senat) and the Faculty of medicine (approved by the Faculty council). In this system, the overall students' outcome is made up 70% of their achievement during the course itself and 30% of the success in the final exam.

Achievements during the course will be evaluated by: a) sustained knowledge check (partial tests, partial exams and other activities in classes), b) activity during the course, c) seminar paper or presentation, d) course attendance

1.10. Assigned reading (at the time of the submission of study programme proposal)

1. Internal script, 2012 years.
2. Bajek, Bobinac Jerković, Malnar, Maric - Systematic Human Anatomy, Rijeka, 2007.
3. Marko Cave and Associates - "Orthopedics", Naklada, Zagreb, 2004.
4. Mark Dutton - Orthopaedic Examination, Evaluation & Intervention, 2004.
5. Biondić M. Complete decongestive physiotherapy lymphedema. Center for lymphatic drainage. Zagreb, 2007.

1.11. Optional / additional reading (at the time of proposing study programme)

1. Clinical evaluation of musculo function M. Lacote, AM Chevalier, Churchill Livingstone Paris, 2002.
2. Wittlinger G. WITTLINGER H. Textbook of dr. Vodder's Manual Lymph Drainage. Stuttgart, New York. Thieme, 2004.
3. "The Clinical Efficacy of Kinesio Tape for Shoulder Pain: A Randomized, Double-Blinded, Clinical Trial - JOSPT - Journal of Orthopaedic & Sports Physical Therapy" 2008 ..

1.12. Number of assigned reading copies with regard to the number of students currently attending the course

Title	Number of copies	Number of students

1.13. Quality monitoring methods which ensure acquirement of output knowledge, skills and competences

1. **Conducting student surveys and evaluation of results.** At the end of each course student surveys will be conducted to evaluate the quality of teaching and teachers who participate in the delivery of the course with more than 30%. Evaluation procedures are systematically carried out by Teaching Quality Assurance Committee at our Faculty.
2. **Analysis of the results achieved at exams.**
3. **The mentor system.** Each student group is assigned a mentor who follows the students throughout the course.