

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	SPECTROMETRY					Codul disciplinei	3 SM 13		
Course type ²	DS	Category ³	DO	Year of study	3	Semester	5	Number of credit points	2

Faculty	Material Science and Engineering	Number of teaching and learning hours ⁴					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	SM	28	14	-	14	-	

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Technological methods and processes using specific equipments in mass spectrometry
Specific objectives ⁷	Knowledge of the mass spectrometry methods Interpreting of a analysis bulletin and identification of analyzed material Knowledge of various apparatuses of spectral analysis
Course description ⁸	Concepts, theories and specific methods enunciations in mass spectrometry

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester -	week	%
	Activity during tutorials/laboratory works/projects/practical work		30 %
	Assignments 1	week 14	20 %
Final assessment	Final assessment form ¹¹ colloquium	week 14	50 % (minimum 5)
	Examination procedures and conditions: 1. Subject with open questions ; tasks thematic approach ; working conditions written; percent 50 %; 2. - ; tasks - ; working conditions -; percent %; 3. - ; tasks - ; working conditions -; percent %;		

Course organizer	lecturer PhD. eng. Achiței Dragoș
Teaching assistants	lecturer PhD. eng. Achiței Dragoș

¹Course name from the curriculum

²DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

³DI – imposed, DO – optional, DL – facultative (from the curriculum)

⁴Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, P-project, IS-individual study)

⁵According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶According to 7.1 from the Course guide – extended form

⁷According to 7.2 from the Course guide – extended form

⁸Short description of the course, according to point 8 from the Course guide – extended form

⁹For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

¹⁰A minimum grade might be imposed for some assessment stages

¹¹Exam or colloquium