COURSE GUIDE – short form

Academic year 2021-2022

Course name ¹	Course name ¹ Amorphous and Nanocrystalline Materials			Course code		3.SM.12.DS-2			
Course type ²	DS	Category ³	DO	Year of study	3	Semester	5	Number of credit points	4

Faculty	Materials Science and Engineering			eachii hour	ing and learning ırs⁴			
Field	Materials Engineering	Total	L	Т	LB	Р	IS	
Specialization	n Materials Science		28	-	14	-	58	

Pre-requisites from the curriculum⁵	Compulsory	-
	Recommended	-

General objective ⁶	Evaluation and optimal solution of technical problems related to amorphous and nanocrystalline materials, by applying concepts, theories, and experimental methods.
Specific objectives ⁷	Knowledge of the main processes for obtaining amorphous and nanocrystalline materials Characterization of the structure of amorphous and nanocrystalline materials Characterization of the physical-mechanical properties of amorphous and nanocrystalline materials
Course description ⁸	Amorphous materials. Nanocrystalline materials. Amorphous-nanocrystalline materials

	Assesment		Sche- dule ⁹	Percentage in the final grade (minimum grade) ¹⁰	
	Class tests along the semester	-			
A. Final	Homework	-			
	Other activities	-			
form ¹¹ : Colloquium	Examination procedures and conditions: 1. Subject with open questions; tasks: answer to open questions; working conditions: oral; percent of the final grade 100 % Onsite/online evaluation	100 % (minimum 5)	14th week	70 % (minimum 5)	
B. Seminar	Activity during seminar			-	
C. Laboratory	30 % (minimum 5)				
D. Project	Activity during project			-	

Course organizer	Prof. dr. eng. Romeu Chelariu	
Teaching assistants	Assistant dr. eng. Elena-Ionela Cherecheş	

¹Course name from the curriculum

 ¹Course name from the curriculum
² DF - fundamental, DID - in the field, DS - specialty, DC - complementary (from the curriculum)
³ DI - imposed, DO -optional, DL - facultative (from the curriculum)
⁴ Points 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)
⁵ According to 4.1 - Pre-requisites - from the Course guide – extended form
⁶ According to 7.1 from the Course guide – extended form
⁷ According to 7.2 from the Course guide – extended form
⁸ Short denomination of the course courder to rain the Course guide – extended form

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

 ⁹ For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period
¹⁰ A minimum grade might be imposed for some assessment stages
¹¹ Exam or colloquium