STUDY PLAN

FIRST YEAR	
STRUCTURAL MATERIALS -CERAMICS AND GLASSES -SUSTAINABLE POLYMERIC MATERIALS & LAB	12
CONDENSED MATTER PHYSICS	9
STATISTICS AND CHEMOMETRICS FOR MATERIALS SCIENCE	6
ADVANCED SYNTHESIS OF SUSTAINABLE MOLECULAR MATERIALS & LAB	6
STUDENT'S CHOICE FROM MENU 1A*	6-18
STUDENT'S CHOICE FROM MENU 1B**	0-12
STUDENT'S FREE CHOICE	0-12

SECOND YEAR	
COMPUTATIONAL MATERIALS SCIENCE & LAB	6
PHYSICAL CHARACTERIZATION OF ENERGY MATERIALS	6
STUDENT'S CHOICE FROM MENU 2A*	0-12
STUDENT'S CHOICE FROM MENU 2B**	0-12
STUDENT'S FREE CHOICE	12
SAFETY AND JOB PLACEMENT	1
INTERNSHIP AND FINAL DISSERTATION	32

*TOTAL CFUs FROM MENUs 1A + 2A = 18

** TOTAL CFUs FROM MENUs 1B + 2B = 12

TOTAL CFUs FOR STUDENT'S FREE CHOICE = 12

MENU 1A		**MENU 2A**	
CHEMICAL SENSORS BASED ON ADVANCED AND SUSTAINABLE FUNCTIONAL MATERIALS	6	ORGANIC SUSTAINABLE MATERIALS AND NANOMATERIALS	6
MOLECULAR FUNCTIONAL MATERIALS	6	MATERIALS PHYSICS & TECHNOLOGY	6
MATERIALS-BY-DESIGN LAB	6		
CATALYTIC TECHNOLOGIES FOR SUSTAINABILITY	6		
CARBON-BASED NANOSTRUCTURES	6		
LAB OF MOLECULAR NANOTECHNOLOGY	6		

MENU 1B		**MENU 2B**	
GEOMATERIALS FOR SUSTAINABILITY	6	ARTIFICIAL INTELLIGENCE FOR MATERIAL SCIENCE	6
PLANT-BASED SUSTAINABLE MATERIALS	6	APPLIED BIOTECHNOLOGIES FOR SUSTAINABLE MATERIALS	6
MATERIALS FOR ADDITIVE MANUFACTURING -METALLIC MATERIALS FOR ADDITIVE MANUFACTURING -POLYMER MATERIALS FOR ADDITIVE MANUFACTURING	6		