STUDY PLAN

FIRST YEAR	

STRUCTURAL MATERIALS
        -INORGANIC GLASS
        -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	0-12
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		