

**MATERIALS AND NANOTECHNOLOGY ENGINEERING MSc Program (without Thesis)**

REMEDIAL COURSES				
Dept.	Code	Course Name	CR.	ECTS
MSN	220	Materials Characterization I	NC	
MSN	230	Transport Phenomena	NC	
MSN	240	Phase Diagrams	NC	
MSN	223	Mechanical Behavior of Materials	NC	
MSN	321	Materials Characterization II	NC	
MSN	301	Materials Production Processes-I	NC	
MSN	302	Materials Production Processes-II	NC	
PROGRAM COURSES				
Dept.	Code	Course Name	CR.	ECTS
MSN	500	Fundamentals of Materials Science	3	10
MSN	501	Methods in Scientific Research	3	10
MSN	502	Fundamentals of Nanoscience and Nanotechnology	3	10
		Departmental Elective I	3	10
		Departmental Elective II	3	10
		Departmental Elective III	3	10
		Departmental Elective IV	3	10
		Departmental Elective V	3	10
		Departmental Elective VI	3	10
		Departmental Elective VII	3	10
MSN	590	Research Seminar	NC	2
MSN	599	Term Project	NC	10
		TOTAL	30	112
EXTRA/NON-DEGREE COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Extra/Non-degree	NC	

Course Group	Description
Departmental Elective I-VII	Materials and Nanotechnology courses under the GSNAS
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program
Remedial Courses	Undergraduate level courses offered by department.