2 YEARS MASTER COURSE in
MATERIALS ENGINEERING AND NANOTECHNOLOGY
DM 270/04

SSD	Modulo	CFU	Semestre	AF
I anno - Cycle 2016				
CHIM/07	CHEMISTRY 2	9	I	CARATTERIZZANTE
FIS/03	PHYSICS OF MATTER – MOD. 1	6	I	CARATTERIZZANTE
	PHYSICS OF MATTER – MOD. 2	6		
ING-IND/21	METALLURGICAL TECHNIQUES AND INSTRUMENTATION	9	I	CARATTERIZZANTE
	TOTAL CREDITS I SEMESTER	30		
ING-IND/22	SCIENCE AND TECHNOLOGY OF POLYMERS	9	II	CARATTERIZZANTE
ING-IND/24	TRANSPORT PHENOMENA	9	II	AFFINE
ING-IND/23	ELECTROCHEMICAL TECHONOLOGIES	9	II	AFFINE
	TOTAL CREDITS II SEMESTER	27		
	TOTAL CREDITS I YEAR	**57**		
II anno – Cycle 2015				
ING-IND/24	HEAT AND MASS TRANSFER PHENOMENA IN COMPOSITES AND POLYMERS	9	I	AFFINE
	TWO of the following course:			
ING-IND/22	COMPOSITE AND NANOCOMPOSITE MATERIALS	6	I	CARATTERIZZANTE
ING-IND/21	NON-FERROUS METALLURGY	6	I	CARATTERIZZANTE
ING-IND/22	CERAMICS MATERIALS	6	I	CARATTERIZZANTE
	TOTAL CREDITS I SEMESTER	21		
	CURRICULUM MATERIALS FOR ELECTRONIC APPLICATIONS			
FIS/03	SEMICONDUCTOR PHYSICS AND TECHNOLOGY	9	II	CARATTERIZZANTE
ING-INF/01	NANOTECHNOLOGIES FOR ELECTRONICS	6	II	AFFINE
	CURRICULUM MATERIALS FOR BIOMEDICAL APPLICATIONS			
ING-IND/22	BIOMATERIALS	9	II	CARATTERIZZANTE
ING-IND/34	CELL TISSUES INTERACTION	6	II	AFFINE
	Electives: Students are obliged to choose courses held in the English in a Master degree of the Faculty of Engineering. The choice can't affect single modules belonging to integrated courses. (Gli studenti sono obbligati alla scelta di insegnamenti erogati in lingua inglese e attivati sui Corsi di Laurea Magistrale. La scelta non può interessare singoli moduli appartenenti a corsi integrati).	12		
ING-INF/01	ELECTRONIC AND PHOTONIC DEVICES (MUTUATO)	6	I	A SCELTA
	TOTAL CREDITS II SEMESTER	27		
	TRAINING PERIOD (TIROCINIO)	3		
	FINAL EXAM (TESI)	12		
	TOTAL CREDITS II YEAR	**57**		
	TOTALE	**120**		