



# FACOLTÀ DI INGEGNERIA | Regulations Cycle 2012

## 2 YEAR SPECIALIZATION MASTER IN AEROSPACE ENGINEERING

(Laurea Magistrale in Ingegneria Aerospaziale)  
DM 270/04

SSD	Courses	CFU	Period
<b>I year</b>			
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	I
ING-IND/06	FLUID DYNAMICS C.I. (MOD. 1)	6	I
ING-IND/06	AERODYNAMICS (MOD. 2)	6	I
ING-IND/07	AERONAUTIC PROPULSION C.I. (MOD. 1)	6	I
ING-IND/07	SPACE PROPULSION (MOD. 2)	6	I
Total Credits I Semester		30	
ING-IND/03	FLIGHT MECHANICS	9	II
ING-IND/15	COMPUTING AND MECHANICAL DESIGN	9	II
ING-IND/04	AEROSPACE STRUCTURES	9	II
Total Credits II Semester		27	
<b>TOTAL CREDITS I YEAR</b>		<b>57</b>	
<b>II year</b>			
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I
FIS/03	SENSORS PHYSICS AND AVIONICS LABORATORY	6	I
ING-IND/09	AIR CRAFT ENGINE DESIGN, CONTROLS AND SUBSYSTEMS	9	I
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	I
ING-IND/04	AERONAUTICAL TECHNOLOGIES	6	II
<b>Electives:</b> Courses from the Engineering Graduate Centre are recommended. A single module from a multi-module course cannot be chosen. (Si consigliano insegnamenti attivati in un Corso di Laurea Magistrale della Facoltà di Ingegneria. La scelta non può interessare singoli moduli appartenenti a corsi integrati).		9	
TOTALE CFU II SEMESTRE (ESAMI)		36	
Internship/TRAINING (TIROCINIO)		6	
FINAL EXAM (TESI DI LAUREA)		12	

