

**2 YEARS MASTER COURSE IN AEROSPACE ENGINEERING**  
(Laurea Magistrale in Ingegneria Aerospaziale)  
DM 270/04

SSD	Modulo	CFU	Semestre	AF
<b>I year</b>				
ING-IND/07	AERONAUTIC PROPULSION (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/07	SPACE PROPULSION (MOD. 2) ) C.I.	6	I	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE DESIGN AND CURRICULUM MAIN COURSE</b>				
ING-IND/06	FLUID DYNAMICS (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) ) C.I.	6	I	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE ENGINEERING SYSTEMS</b>				
ING-INF/04	ROBUST CONTROL AND FLIGHT CONTROL (MOD. 1) C.I.	6	I	AFFINE
ING-INF/05	EMBEDDED AND CERTIFIED SOFTWARE (MOD. 2) C.I.	6	I	AFFINE
<b>Total Credits I Semester</b>		<b>24</b>		
ING-IND/04	AEROSPACE STRUCTURES	9	II	CARATTERIZZANTE
ING-IND/06	AERODYNAMICS (MOD. 1) ) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) ) C.I.	6	II	CARATTERIZZANTE
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE DESIGN AND CURRICULUM MAIN COURSE</b>				
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	II	AFFINE
<b>CURRICULUM AEROSPACE ENGINEERING SYSTEMS</b>				
ING-IND/14	CERTIFICATION OF AEROSPACE STRUCTURES	6	II	AFFINE
<b>Total Credits II Semester</b>		<b>33</b>		
<b>TOTAL CREDITS I YEAR</b>		<b>57</b>		
<b>II year</b>				
ING-IND/05	AEROSPACE SYSTEMS	6	I	CARATTERIZZANTE
ING-IND/09	AIRCRAFT POWERPLANT DESIGN AND MAINTENANCE	9	I	AFFINE
ING-IND/16	AERONAUTICAL TECHNOLOGIES	6	II	AFFINE
<b>CURRICULUM MAIN COURSE</b>				
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE DESIGN</b>				
ING-IND/03	AIRCRAFT DESIGN	6	II	CARATTERIZZANTE
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
<b>CURRICULUM AEROSPACE ENGINEERING SYSTEMS</b>				
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
ING-INF/01	SYSTEMS AND DEVICES FOR SATELLITES C.I.	4	II	AFFINE
ING-IND/32	DESIGN AND TESTING OF POWER CONVERTERS AND ELECTRICAL MACHINES C. I.	5	II	AFFINE
<b>Total Credits I - II Semester</b>		<b>36</b>		
<b>Electives:</b>				
Students are obliged to choose courses held in English for Master Degrees. It is not possible to choose an individual module from an integrated course.		9		A SCELTA
(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).				
Internship/TRAINING (TIROCINIO )		6		
FINAL EXAM (TESI DI LAUREA)		12		

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Total Credits II Semester	36
<b>TOTAL CREDITS II YEAR</b>	<b>63</b>
<b>TOTAL</b>	<b>120</b>

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