

1. 法国图尔大学综合理工学院预科班，包括相关理工科专业的 预科知识及法语培训，教学安排如下：

Computer science	Electronics and energy systems	Mechanics and system design	Urban and territorial planning and environment
<p>SEMESTER 5 (200h)</p> <ul style="list-style-type: none"> Algorithms Introduction to software engineering Project Illustration of an operating system: Unix Data bases Scientific English <p>SEMESTER 6 (200h)</p> <ul style="list-style-type: none"> Object programming UML C++ programming Java programming Synchronizing tool Distributed systems English for specific purposes Project management, participative process Internship 	<p>SEMESTER 5 (200h)</p> <ul style="list-style-type: none"> Electrotechnics Automated systems Power electronics : DC-DC conversion Fondamentals in electronic circuits Basic functions of electronic systems Practical works and CAD in electronics I : analogue and digital circuits Scientific English <p>SEMESTER 6 (200h)</p> <ul style="list-style-type: none"> Flow and Resource Management Sensors Data acquisition Production, transportation and distribution of electrical energy Energetic system sizing Project in electronics <ul style="list-style-type: none"> English for specific purposes Project management, participative process Internship 	<p>SEMESTER 5 (200h)</p> <ul style="list-style-type: none"> Electrotechnics Automated systems Material science Mechanical construction Scientific English <p>SEMESTER 6 (200h)</p> <ul style="list-style-type: none"> Flow and Resource Management Sensors Data acquisition Fluid mechanics Project in mechanical construction Specifications English for specific purposes Project management, participative process Internship 	<p>SEMESTER 5 (200h)</p> <ul style="list-style-type: none"> Ecology Environment laws Sociology Economics Theory of planning and urban design Drawing and spatial representation Scientific English <p>SEMESTER 6 (200h)</p> <ul style="list-style-type: none"> Earth Sciences Hydrology Environmental evaluation Urban planning Laws Urban design Planning and project English for specific purposes Project management, participative process Internship

Each specialty curriculum is completed with a curriculum in French as a second language :

<p>SEMESTER 5 (200h)</p> <ul style="list-style-type: none"> FSL Grammar Speaking workshop Writing workshop Geography History Life in France and intercultural issues Methodology Cultural activities 	<p>SEMESTER 6 (200h)</p> <ul style="list-style-type: none"> FSL Grammar Speaking workshop Writing workshop Preparing for the TCF Institutions Current affairs Business French Drama
--	---

2. 法国奥尔良大学综合理工学院预科班，包括相关理工科专业的预科知识及法语培训，教学安排如下：

MUNDUS Year 1st semester

FLE	French as a Foreign Language - FLE 1	
	M5F01	Written FLE
	M5F02	Spoken FLE
M5ANG	English 1	
M5ACI	Cultural activities for language immersion	
Specialty in Electronic and Optical Eco-technologies (EO)		
M5EO	Subjects specialized in Electronic and Optical Eco-technologies 1	
	M5E07	Multimedia
	M5E08	Programming C++
Specialty in Civil and Geo-environmental Engineering (GC)		
M5GC	Subjects Specialized in Civil and Geo-environmental Engineering 1	
	M5C02	Autocad
	M5C03	Geology
	M5C04	Geotechnics
Specialty in Industrial Engineering applied to Cosmetics, Pharmacy and Food-Supply Chain (GI)		
M5GI	Subjects specialized in Industrial Engineering 1	
M5N01		Engineering Sciences
M5N02		Lean ManufacturingTools
M5N03		IE applied to Pharmacy, Cosmetics and Food-Supply Chain
Specialty in Innovation in Concepts and Materials (ICM)		
M5IN	Subjects specialized in Innovation in Concepts and Materials 1	
	M5I01	Mechanics and Technology 1
	M5I02	Materials and Thermodynamics
Specialty in Technologies for Energy, Aerospace Engineering and Motorization (TEAM)		
M5TE	Subjects specialized in Technologies for Energy, Aerospace Engineering and Motorization 1	
	M5T01	Thermodynamics and Heat Transfers
	M5T02	Introduction to Design Tools

MUNDUS Year 2nd semester

M6FLE	French as a Foreign Language - FLE 2	
	M6F01	Written FLE
	M6F02	Spoken FLE
M6ENG	English 2	
M6ACU	Cultural Workshops	
M6ACI	Cultural activities for language immersion	
Specialty in Electronic and Optical Eco-technologies (EO)		
M6EO3	Subjects specialized in Electronic and Optical Eco-technologies 2	
	M6E13	Lighting
	M6E14	Computing
Specialty in Civil and Geo-environmental Engineering (GC)		
M6GC1	Subjects Specialized in Civil and Geo-environmental Engineering 2	
	M6C04	Geochemistry
	M6C03	Strength of Materials
Specialty in Industrial Engineering applied to Cosmetics, Pharmacy and Food-Supply Chain (GI)		
M6GI	Subjects specialized in Industrial Engineering 2	
	M6N01	Environment, Health and Safety applied to Pharmacy, Cosmetics and Food-Supply Chain
	M6N02	Engineering applied to Pharmacy, Cosmetics and Food-Supply Chain
Specialty in Innovation in Concepts and Materials (ICM)		
M6IC	Subjects specialized in Innovation in Concept and Materials 2	
	M6I01	Mechanics and Materials
	M6I02	Electrical and Automated Engineering
Specialty in Technologies for Energy, Aerospace Engineering and Motorization (TEAM)		
M6TE	Subjects specialized in Technologies for Energy, Aerospace Engineering and Motorization 2	
	M6T01	Mechanics of Fluids
	M6T02	Vehicles and Energy Systems
	M6PR1	Scientific Project (specific to specialties 3+3)