

**SCIENTIFIC SPECIALISATIONS during THE LAST YEAR (3A)**

Centrale Lille	Centrale Lyon	Centrale Marseille	Centrale Nantes	CentraleSupélec
<b>Data Science and Artificial Intelligence</b>	<b>Mathematics And Decision</b> Applied mathematics, and risk engineering, Firm's decision making	<b>DIGITAL-E</b> Digital Change : Organization, IT, Mathematics for Services	<b>Virtual Reality</b>	<b>Computer Science and Digital Transformation</b>
			<b>Mathematics and Applications</b>	<b>Mathematics and Data Science</b>
<b>Enterprise Modeling and Architecture</b>	<b>Computer Science</b> machine learning, computer vision		<b>Digital City</b>	<b>Internet of Things and Communicating Systems</b>
			<b>Computer Science</b>	
<b>Sustainable construction and materials</b>	<b>Civil and Environmental Engineering</b> Structures and works Environmental Engineering Energy and sustainable building	<b>MECA-M3S</b> Modelization of Structural and Material Mechanics	<b>Civil Engineering</b>	<b>Civil Engineering and Transportation</b>
			<b>Engineering science for housing and urban environment</b>	
			<b>Modelling and Simulation in Mechanics</b>	
<b>Energy and smart grids</b>	<b>Energy</b> On-board Energy Infrastructure energy	<b>MECA-FETES</b> Fluids Mechanics : Energy, Transport, Environment, Health	<b>Propulsion and Transport</b>	<b>Energy</b>
			<b>Energy Production and Management</b>	
	<b>Aeronautical engineering</b> Acoustics and Vibrations, Control of aircraft, Materials and Structures, Propulsion	<b>MECA-GM</b> Naval and Marine Engineering	<b>Aeronautics</b>	
			<b>Ocean Engineering</b>	
<b>Smart Factory</b>	<b>Traffic and Transportation</b> Traffic and environment Vehicle technology	<b>MMEFI</b> Mathematics, Management, Economics, Finance	<b>Robotics</b>	<b>Large Scale Interactive Systems</b>
<b>Sustainable design and production</b>			<b>Industrial Engineering</b>	
			<b>Product Engineering</b>	
<b>Future Networks and Ambient Intelligence</b>		<b>PICSEL</b> Photonics and Innovative Systems	<b>Data analysis and applications in signal and image processing</b>	<b>Physics and Nanotechnology</b>
<b>Intelligent Systems and Advanced Communications Networks</b>			<b>Embedded control and Power grids</b>	
	<b>Bio-engineering and Nanotechnology</b>	<b>GREEN</b> Chemistry, Chemical Engineering and sustainable processes	<b>Materials and Composites</b>	<b>Biotechnology and environmental Engineering</b>
			<b>Digital sciences for Life sciences and Healthcare</b>	
			<b>Carbon Neutrality</b>	
			<b>Doctorate</b>	
			<b>Scientific Challenge 2024</b>	

**PROFESSIONAL OPTIONS during THE LAST YEAR (3A)**

<b>Centrale Lille</b>	<b>Centrale Lyon</b>	<b>Centrale Marseille</b>	<b>Centrale Nantes</b>	<b>CentraleSupélec</b>
Researcher	Research and Development	Research and Development	Research and Development Disrupt'Campus Nantes	Research innovation / Development / Service
Head of Innovation and Development	Eco-Design and Innovation	Engineering and Design	Engineering for Ecological Transition	Complex Systems conception
Production or operations manager	Technological and Environmental Risks Management	Production and Supply Chain	Manager, Leader, Communicator	Project Management
International Project Manager	Organizational Excellence and Lean Supply Chain			Operation Management
Audit and Consulting	Consulting	Audit and Consulting	International Business Development	Business Analytics
			Business Finance	Sales
Entrepreneurship	Startup and Business Developer	Management and Entrepreneurship	Entrepreneurship	Entrepreneur
			Digital sciences for Art, culture & heritage	
			Science and Music	
			Perception and Sound Design	
			Personal Project	