

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

- English for specific purposes
- Project management, participative process
- Internship

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

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




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