

Annex 1: Subjects taught & Research conducted at ParisTech

applied mathematics - computer science - statistics - finance - physics - optical sciences - economics & social sciences - executive engineering - industrial & production engineering - material science & engineering - mechanical engineering - offshore engineering - naval architecture - civil engineering - town & country planning - transport engineering & system - electrical & electronic engineering - information technology & telecommunications - robotics - automatics - energy & nuclear engineering - chemistry - chemical engineering - earth sciences - environmental engineering - life sciences - forest engineering - agricultural engineering - computational biology - bioengineering & biophysics

With special emphasis on the following subjects at the following Graduate Schools:

<p>AgroParisTech: Life Science, Biology, Animal Science, Food Science & Technology, Agronomy, Crop Science, Plant Protection, Forestry, Environmental Science & Engineering, Management of Environment, Mathematics & Modelling for Life Sciences</p> <p>Ecole des ponts ParisTech: Transportation, Civil & Environmental Engineering, Mathematics & Finance, Mechanical Engineering & Material Science, Industrial Engineering & Logistics</p> <p>Arts et Métiers ParisTech: Biomechanics, Fluid Eng. (flow simulation, turbomachinery), Materials Eng. (wood, metal, polymers, laser treatment), Manufacturing Processes and Machines, Product Design, Production Systems Eng., Control, Maintenance, Aircraft and Aerospace, Automotive, CAD/modelling</p> <p>Chime Paris ParisTech: Organic and Bioorganic Chemistry, Solid State Chemistry and Materials Science, Theoretical Chemistry, Nuclear Chemistry, Chemical and Process Engineering, Risk Management</p> <p>Mines ParisTech Sciences and executive engineering, Applied mathematics, information technology, Control engineering and computer science, Computational Biology, Earth and environment sciences, Materials sciences and engineering, Energy and chemical engineering, Economics and social sciences</p>	<p>TELECOM ParisTech: Information Technology, Telecommunications, Digital Communications, Electronics, Computer Science, Networks, Mobile Signal & Image Processing, Multimedia System modeling, ...)</p> <p>ENSTA ParisTech: Engineering mathematics (Quantitative finance, Optimisation & Operational research, Automatics, System modelling), Mechanical Engineering (Automotive and railways transport systems, Offshore eng. and Naval architecture, Space propulsion, Electro-nuclear energy, Environment, Production systems), Electronic Engineering & Information Systems (Multimedia & communications, Robotics & Embedded systems, Computer Sciences)</p> <p>ENSAE ParisTech: Economics & Statistics, Finance & Insurance</p> <p>Ecole Polytechnique Physics & Applied Physics, Mathematics & Applied Mathematics, Computer Science & Electrical engineering, Engineering, Mechanics & Material Science, Quantitative Economics & Finance, Life Science</p> <p>ESPCI ParisTech Physics, Chemistry, Biology, Bioengineering and Biophysics, Optics, Acoustics and Imaging, Microfluidics and Soft Nanotechnology, Soft Matter and Complex Materials Engineering</p> <p>Institut d'Optique Graduate School www.institutoptique.fr Physics & Optical Sciences, Electronics & Computer Sciences, Business and Management of Innovation and Industry.</p>
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