

## ESTP Paris

### English-taught Curriculum 2019/2020

ESTP Paris is now offering a full curriculum in civil engineering entirely taught in English and dedicated to international and French students at a Master's level.

This program deals with all fundamental subjects of the built environment and civil engineering.

French Language classes are organized for non French-speaking students.

Courses will be given by professors from ESTP and from our partner universities abroad.

In September 2019, ESTP Paris is launching its first year of Master's program (Year 2 at ESTP Paris). Then in September 2020, 'Degree seeking students' may attend their last year of their Master's degree (Year 3 at ESTP Paris) and obtain the master's degree in civil engineering (French "diplôme d'ingénieur").

It may also be possible for a 'Study-abroad student' to attend a semester only or one academic year as an exchange student, without graduation. Students attending this program will be able to complete 30 ects per semester and 60 ects per year.

Sem 07 (Fall Semester) - 2019-2020 - Civil Engineering	Hours	ECTS
<b>UE - ENGINEERING FUNDAMENTALS &amp; METHODOLOGY</b>	<b>120</b>	<b>10</b>
Structural Mechanics (Strength of materials, Reinforced Concrete)	60	5
Geotechnical Engineering and soil mechanics	60	4
Research exposure	10	1
<b>UE - SCIENCES &amp; TECHNICAL SKILLS</b>	<b>110</b>	<b>10</b>
Building Technical Conception (BIM, Energy efficiency, electricity)	80	7
Architecture and Project Management (Projet Le Havre)	30	3
<b>UE - CORPORATE ENVIRONMENT</b>	<b>60</b>	<b>5</b>
Project Management Hackathon	60	5
<b>UE - SOFT SKILLS &amp; LANGUAGES</b>	<b>60</b>	<b>5</b>
Languages (French Language for Engineers)	30	2
Communication skills	20	2
Professional skills	10	1
Total	360	30

Sem 08 (Spring Semester) - 2019-2020 - Civil Engineering	Hours	ECTS
<b>UE - ENGINEERING FUNDAMENTALS &amp; METHODOLOGY</b>	<b>150</b>	<b>13</b>
Structure Dynamics (Strength of Materials II, structure calculus, seismic structures)	50	5
Metal Construction	40	4
Civil Engineering project	60	4
<b>UE - SCIENCES &amp; TECHNICAL SKILLS</b>	<b>90</b>	<b>6</b>
Smart Grid, Smart City, Smart Building	60	4

Project in a smart & connected environment	30	2
<b>UE - CORPORATE ENVIRONMENT</b>	<b>70</b>	<b>7</b>
Management Accounting	20	2
Business Development (ENG)	20	2
Legal Environment (Construction Law, Security, Quality, Ethics)	30	3
<b>UE - SOFT SKILLS &amp; LANGUAGES</b>	<b>50</b>	<b>4</b>
Languages (French Language for Engineers)	30	2
Portfolio Soft Skills	20	2
Total	360	30

Contact:

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