

Master of science in engineering (Diplôme d'ingénieur)  
2nd year

	Mark / 20	Crédits	Grade	Lower mark	Higher mark	Average	Standard deviation
<b>Markets, Organizations, Data, Strategies - Economics track (time slot B)</b>							
<i>Competition and Regulation in the Digital Economy</i>	16.0	2.5	A	11.0	19.5	15.1	2.0
<i>Data analysis in economics 1: Collection and Visualization</i>	20.0	2.5	A+	12.0	20.0	15.4	2.0
<i>Data analysis in economics 2: Applied Econometrics</i>	14.5	2.5	A-	3.6	19.0	15.6	2.7
<i>Digital Finance</i>	16.5	2.5	A	0.0	17.0	14.6	3.7
<i>Econometrics</i>	17.5	2.5	A+	0.0	17.5	15.7	2.7
<i>Microeconomics and Industrial Organisation</i>	18.5	2.5	A+	10.0	19.3	16.3	2.1
<i>Project in applied economics</i>	19.0	5	A+	0.0	19.0	16.2	4.3

<b>Average Markets, Organizations, Data, Strategies - Economics track (time slot B)</b>	<b>17.6</b>						
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	Mark / 20	Crédits	Grade	Lower mark	Higher mark	Average	Standard deviation
<b>Signal Processing for Artificial Intelligence (time slot C)</b>							
<i>Advanced Statistics</i>	17.5	2.5	A+	6.5	19.5	14.4	2.7
<i>Introduction to deep learning</i>	14.0	2.5	A-	4.0	20.0	12.3	3.8
<i>Machine Learning</i>	15.3	2.5	A	3.5	18.2	14.6	2.4
<i>Optimization for Machine Learning</i>	12.7	2.5	B	0.0	20.0	14.3	3.5
<i>Representation of signals</i>	14.0	2.5	A-	0.0	20.0	11.6	3.9
<i>Speech and audio processing</i>	17.0	2.5	A+	12.5	19.0	15.6	1.9
<i>Statistics: linear models</i>	17.8	2.5	A+	7.6	19.8	15.8	2.2
<i>Time series (part 1)</i>	14.0	2.5	A-	8.0	20.0	13.0	3.2

<b>Average Signal Processing for Artificial Intelligence (time slot C)</b>	<b>15.3</b>						
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	Mark / 20	Crédits	Grade	Lower mark	Higher mark	Average	Standard deviation
<b>Scientific course</b>							
<i>Business Economics for Strategy and Innovation</i>	18.1	2.5	A+	11.2	19.0	15.4	2.1
<i>Entrepreneurship and digital innovation</i>	PASSED	1	/	/	/	/	/
<i>History and Politics of Big Data</i>	16.0	2.5	A	0.0	18.0	11.7	5.3
<i>Introduction to the digital economy</i>	12.5	2.5	B	0.0	17.5	11.7	3.5
<i>Optimization and numerical analysis</i>	12.5	2.5	B	0.0	19.5	11.7	4.3
<i>Statistics</i>	14.5	2.5	A-	0.0	19.5	12.3	3.9
<i>Web Development</i>	18.8	2.5	A+	0.0	19.7	15.3	3.7

<b>Law</b>							
<i>Comparative International Law</i>	15.5	2.5	A	0.0	16.0	14.8	2.1

<b>Soft skills</b>							
<i>Creative writing</i>	PASSED	1.5	/	/	/	/	/
<i>Negotiation skills</i>	PASSED	1.5	/	/	/	/	/

<b>Internship or work</b>							
<i>Engineering Internship</i>				13.0	19.0	16.5	1.6

	Mark / 20	Crédits	Grade	Lower mark	Higher mark	Average	Standard deviation
<b>Languages</b>							
<i>English Debating B</i>	16.0	2	A	14.5	17.5	16.0	1.0
<i>French level B2.1</i>	15.0	2	A	13.0	18.5	14.7	1.7
<i>French level B2.1</i>	16.5	2	A	13.0	18.5	15.0	1.5
<i>TEST-FLES-AUTRES</i>	PASSED	/	/	/	/	/	/
<i>Test anglais Linguaskill</i>	180.0			108.0	180.0	178.3	/
<i>U.S. Political Institutions</i>	19.0	2	A+	16.5	20.0	18.4	1.0

<b>Athens week</b>							
<i>Operations Research in Industry (Mines ParisTech)</i>	18.0	3	A+	17.0	18.0	17.9	0.4

<b>Contemporary Humanities</b>							
<i>Project Tandem - Languages and Cultures</i>	17.0	1.5	A+	12.0	19.0	15.5	1.8

<b>ECTS Credits</b>	<b>74</b>
<b>GPA Cumul</b>	<b>4</b>

The value of the GPA (Grade Point Average) that appears along with each grade sheet is a cumulative value calculated on the date of each new printing of a grade sheet.

The GPA is calculated by multiplying the amount of credits earned (or the weighted value) for each course unit, or scientific and technical module, by the points earned by the student for that course unit or module. The number of points granted is determined by the grade achieved (out of 20) for the course unit or module after recall examination.

The first total corresponds to the sum of the points obtained for all the course units and modules [sum (P)]; the second total corresponds to the sum of the credits earned (or their weighted value) for all the course units or modules taken [sum (c)]. The GPA is equal to [sum (P)] divided by [sum (c)].

In examining the individual student results, the reader is kindly requested to keep in mind the following points:

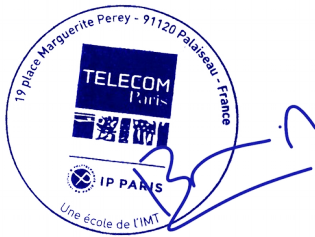
1. Telecom ParisTech is one of the top three French graduate-level Engineering institutions "Grandes Ecoles", admitting outstanding students who rank among the first 2-3 % of all scientific students in France.
2. The rigid National Competitive Examination giving admission to Telecom ParisTech guarantees the extremely high quality of the student body and an almost non-existent rate of failure.
3. The program offered to the students has an objective of:
  - > giving them a complete and strong foundation in the wide range of disciplines associated with Telecommunications and,
  - > allowing them to pursue more specialized courses in particular areas of interest.
4. A student's results are therefore interpreted as an illustration of his fields of interest and where he has developed his personal skills.

The following marks are awarded to students at the Telecom ParisTech : A = Total satisfaction, B = Clear satisfaction, C = Slight satisfaction,

D = Slight dissatisfaction, E = Clear dissatisfaction, F = Absolute dissatisfaction

Nota : For the internship to be validated, the student has to obtain a final grade of at least C.

13 décembre 2022



Master of science in engineering (Diplôme d'ingénieur)  
 3rd year

	Mark / 20	Crédits	Grade	Lower mark	Higher mark	Average	Standard deviation
<b>Dual master's degree (Diplôme National de Master)</b>							
<i>Master 2 (SFA) Statistics, Finance and Actuarial science (IP Paris)</i>	PASSED	27	/	/	/	/	/

<b>Internship or work</b>							
<i>6-month Scientific / Engineering Internship (Master)</i>	17.0	30	A+	17.0	17.0	17.0	

<b>Soft skills</b>							
<i>Staging the future</i>	PASSED	1.5	/	/	/	/	/
<i>Team management</i>	PASSED	1.5	/	/	/	/	/

<b>ECTS Credits</b>	<b>60</b>
<b>GPA Cumul</b>	<b>4</b>

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