ECTS EUROPEAN CREDIT TRANSFER SYSTEM

Master 1 Mathematics of Artificial Intelligence

TRANSCRIPT OF RECORDS

Surname of student	**DAKHMOUCHE**	First name **Ramzi Sofiane**
Date and place of birth:	**September 3 1998**	**Constantine (Algérie)**

NAME OF INSTITUTION :	**UNIVERSITE PARIS-SACLAY**
Faculty/Department of :	**Faculté des sciences d'Orsay, Mathematics Departement**
Training director:	**Prof. Gilles Blanchard**
Tel: 01 69 15 79 91	email: gilles.blanchard@universite-paris-saclay.fr

Course title	Local grade (1)	ECTS grade	ECTS credits (2)
Semester 1			
Mathematics for artificial intelligence 1	16/20	A	5
English language	18.73/20	A+	5
Probability theory	20/20	A+	7.5
Information theory	19/20	A+	2.5
Differentiable optimization 1	13/20	B	2.5
Differentiable optimization 2	19/20	A+	2,5
Functional analysis	20/20	A+	2,5
Research seminar	Validated		2.5

Course title	Local grade (1)	ECTS grade	ECTS credits (2)
Semester 2			
Mathematics for artificial intelligence 2	16.5/20	A	5
Supervised research project	18.5/20	A+	10
Monte-Carlo and numerical statistical methods	16.75/20	A	5
Statistics	14/20	B	7.5
Databases management	18.5/20	A+	2.5
Global average	17.487/20	Total:	60

(1) Description of the institutional grading system

(2) ECTS: credits are obtained by passing exams or other assessments tests

   1 full academic year = 60 credits

Academic Year   **2020/2021**

Orsay, February 15, 2022

Prof. Gilles Blanchard

Training Director

ECTS EUROPEAN CREDIT TRANSFER SYSTEM
TRANSCRIPT OF RECORDS in Mathematics

Surname of student	**DAKHMOUCHE**	First name: **Ramzi Sofiane**
Date and place of birth:	**September 3 1998**	**Constantine (Algérie)**
NAME OF INSTITUTION :	**UNIVERSITE PARIS SUD**	
Faculty/Department of :	**UFR Sciences d'Orsay : Mathematics Department**	
ECTS Departemental Coordinator :	**Marie-Anne POURSAT**	
Tel: **01 69 15 57 47**	e.mail : **marie-anne.poursat@math.u-psud.fr**	

Course code	Course title	Local grade (1)	ECTS grade	ECTS credits (2)
Semester 5				
DLMT 309	Differential calculus and introduction to optimisation	18,013/20	A+	5
DLMT 310	Integral calculus	19,825/20	A+	5
DLMA 316	probability	19,316/20	A+	5
DLMT 318	Differential equations	14,95/20	B	5
DLMT 312	Programming and algorithmic	19,75/20	A+	5
DLBI 363	Mathematics and biology	14,55/20	B	2,5
DLLA 311	English	16,39/20	A	2,5
Semester 6				
DLMT 311	Matrix algebra with computation	14,4/20	B	7,5
DLMA 315	Optimization algorithm	18,25/20	A+	5
DLMT 330	Statistical inference	17,836/20	A	5
DLMT 308	Complex analysis	16.50/20	A	5
DLMT 326	Project in modeling	19/20	A+	5
DLMT 325	Introduction to PDEs and digital diagrams	18.25/20	A+	5
DLMA306	Measure and probability theory	20/20	A+	7.5

(*) Validation of acquired experience

(1) Description of the institutional grading system (see reverse)

(2) ECTS: credits are obtained by passing exams or other assessments tests
    1 full academic year = 60 credits equal to 300 teaching hours

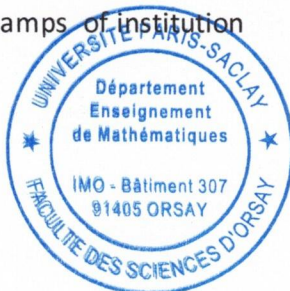Diploma/degree awarded : **Bachelor of Mathematics**

Academic Year **2019/2020**

Signature of Registrar / Dean / Administrative Officer

Stamps of institution

Date
15/02/2022

M. A. POURSAT

Grading system at University Paris Sud

Marks go from 0 to 20
Each course unit is obtained if the mark is at least 10
If a course unit mark is less than 10 but the weignted average of all marks is more than or equal to 10,
then the unit il obtained ("validation by compensation")
The semester is passed when the weighted average of the marks is more than or equal to 10.
When the year is not passed in June, there is a 2nd session of exams
(at the end of June or beginning of July)

mark	ECTS Grade
18 or more	A+ = excellent
16 , 17	A = very good
14 , 15	B = good
12 , 13	C = quite good
10, 11	D = satisfactory
7 , 8 or 9	E = fail - some more work is required
6 or less	F = fail - considerable further work is required