





ALLEGATO B - ANNEX B: Study Programme "Padova to PSL"

YEAR	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD / DISCIPLINE	TYPOLOGY (ITALIAN RULES)	AREA
		DIFFERENTIAL GEOMETRY	8	MAT/03	CHARACTERISING	
1°	PADOVA	 TEACHINGS IN THE FOLLOWING LIST: INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS FUNCTIONS THEORY CALCULUS OF VARIATIONS ADVANCED ANALYSIS 	16	MAT/05	CHARACTERISING	
		STOCHASTIC ANALYSIS	7	MAT/06	CHARACTERISING	
		 TEACHING IN THE FOLLOWING LIST: DYNAMICAL SYSTEMS SYMPLECTIC MECHANICS NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS 	7	MAT/07 MAT/08	CHARACTERISING	
		 TEACHINGS IN THE FOLLOWING LIST: INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS FUNCTIONS THEORY CALCULUS OF VARIATIONS ADVANCED ANALYSIS DIFFERENTIAL EQUATIONS HARMONIC ANALYSIS INTRODUCTION TO STOCHASTIC PROCESSES STOCHASTIC METHODS FOR FINANCE OPTIMIZATION FOR DATA SCIENCE COMPUTATIONAL FINANCE DYNAMICAL SYSTEMS SYMPLECTIC MECHANICS NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS 	22	MAT/05 MAT/06 SECS-S/06 MAT/09 SECS-P/05 MAT/07 MAT/08	COMPLEMENTARY	
			60]		
2°	PARIS DAUPHINE	 TEACHINGS IN THE FOLLOWING LIST: INTRODUCTION TO NON-LINEAR PDES INTRODUCTION TO EVOLUTION PDES MEAN FIELD GAMES STOCHASTIC CONTROL JUMP PROCESSES LARGE DEVIATION AND APPLICATIONS HAMILTONIAN DYNAMICAL SYSTEM INTRODUCTION TO CELESTIAL AND HAMILTONIAN MECHANICS NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS AND CONTROL MONTE-CARLO AND DETERMINISTIC METHODS FOR PARABOLIC EQUATIONS 	12	MAT/05 MAT/06 MAT/07 MAT/08	CHARACTERISING	
		FREE EXAMS	8		FREE	
		SEMINARS	4		OTHER	
		MASTER THESIS	36	1	THESIS	1
		·	60			