

ECONOMICS, MANAGEMENT AND FINANCE (SEGF) ECONOMICS TRACK 2022 - 2023			
YEAR 2 (M1) OF ENPC MSc IN ENGINEERING			
SEMESTER 3		SEMESTER 4	
ECTS		ECTS	
INCEPTION WEEKS (MANDATORY) : 3 ECTS			
Innovation and sustainable growth (1 week in September)	1	SEGF Department seminar (1 week in February) + pedagogical days	1
Alumni's seminar (1 week in September)		Corporate Social Responsibility (CSR) Week	1
CORE CURRICULUM (MANDATORY) : 9,5 ECTS			
Business management (September) - 02GES	1,5	Introduction to law - DROA	3
Statistics and data analysis - STAT	2		
1 Course to be chosen in the Humanities and Social Sciences Department	3		
DEPARTMENT MANDATORY COURSES : 28 ECTS			
Economics of environment, energy and sustainable development - ECENV	3	Economic growth and development - TCDEV	3
Game theory - THEOJ	3	Public economics - ECOPU	3
Macroeconomics - MACRO	3	Econometrics and applications - ECONO	3
Industrial organization and applications - COMAR	3	Economic policy - ECPOI	3
		SEGF Department project - SEGP2	4
MANDATORY COURSES TO BE CHOSEN ON A LIST : 6 to 7 ECTS (3 courses among the 6 ones below to validate over the whole year)			
Corporate finance - STRAF	3	Urban economics - ECOGT	2
ATHENS (1 week in November)	1,5	Behavioral Economics - ECORI	2
OR Mergers and Acquisitions OR Real estate economics		Transportation economics - ECOPT	2
		Machine Learning methods and applications (Big Data) - PRAMA	2
ELECTIVE COURSES (depending on your choice of mandatory courses) Please choose courses in the whole school catalogue so as to reach 48,5 ects in scientific and technical courses for S3+S4 Below is a suggestion of courses			
Design theories and methods for innovation - TMCIN	2	High-Dimensional statistics - HISTA	3
Stochastic processes and applications - SPA	3	Finance : mathematical and numerical aspects - MTMEF	3
Financial markets - FIMAW	2	Energy production engineering - INRGY	1,5
Mergers and Acquisitions (1 week in November) - EBUST	2	Creation of Innovative Enterprises - SEGSD	2
		Financial engineering - STFIN	2
LANGUAGES, SPORT, CCG AND INTERNSHIP (mandatory) : 11,5 ECTS			
Languages			7,5
Sport			1
Coaching and career support - AOP2			0,5
Engineer internship (short or long)			2,5