

ECONOMICS, MANAGEMENT AND FINANCE (SEGF) FINANCE TRACK 2022 - 2023			
YEAR 2 (M1) OF ENPC MSc IN ENGINEERING			
SEMESTER 3	ECTS	SEMESTER 4	ECTS
INCEPTION WEEK (MANDATORY)			
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 : 24 ECTS			
Game theory - THEOJ	3	Economic policy - ECPOI	3
Corporate finance - STRAF	3	Econometrics and applications - ECONO	3
Industrial organization and applications - COMAR	3	Financial Engineering - STFIN	2
Macroeconomics - MACRO	3	SEGF Department project - SEGP2	4
MANDATORY COURSES TO BE CHOSEN ON A LIST : 8 to 11 ECTS (4 courses among the 9 ones below to validate over the whole year - 2 per semester)			
Stochastic processes and applications - SPA	3	Public economics - ECOPU	3
Financial markets - FIMAW	2	Finance : mathematical and numerical aspects - MTMEF	3
Economics of environment, energy and sustainable development - ECENV	3	Behavioral Economics - ECORI	2
ATHENS (1 week in November)		Machine Learning Methods & Applications (Big Data) - PRAMA	2
OR Mergers and Acquisitions - IBUST OR Real estate economics - ECIMO	1,5		
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	3	Creation of Innovative Enterprises - SEGSD	2
Software design and development (IMI) - TDLOG	3	Urban economics - ECOGT	2
Operational research and optimization - REOP	3	Economic growth and development - TCDEV	3
		Energy production engineering - INRGY	1,5
		Transportation economics - ECOPT	2
LANGUAGES, SPORT, CCG AND INTERNSHIP (mandatory) : 11,5 ECTS			
Languages			7,5
Sport			1
Coaching and career guidance - AOP2			0,5
Engineer internship (short or long)			2,5