

## CITY, ENVIRONMENT, TRANSPORTATION (VET) TRANSPORTATION TRACK 2026 - 2027

### YEAR 2 (M1) OF ENPC MSc IN ENGINEERING

ECTS

<b>S7 (Fall)</b>	<b>DEPARTMENT INCEPTION WEEKS (mandatory)</b>		<b>3,5</b>	<b>30</b>
	Territorial data in a 15 min-city	O2CTR <sup>(1)</sup>	1,5	
	Department study trip	O2LVV	0,5	
	Consultation and public debate	O2CDP	1,5	
	<b>SCHOOL MANDATORY COURSES</b>		<b>7,5</b>	
	Numerical statistics and data analysis - IMI <sup>(2)</sup>	STNUM	1,5	
	1 course to be chosen in our SHS department - SHS		3	
	Languages (3 modules for international students)		2	
	Professional support and guidance	AOP2	0,5	
	Sport		0,5	
	<b>DEPARTMENT CORE CURRICULUM</b>		<b>6</b>	
	Challenges, Science and tools for the transition of cities and regions	DOSTV	3	
	Local public finance and policies - FILOC	FILOC	3	
	Pedagogical days			
	<b>TRACK MANDATORY COURSES</b>		<b>13</b>	
Analysis and design of transportation systems	ACOST	1,5		
Methods for territorial analysis	MASYT	4,5		
Traffic engineering	ITRA1	3,5		
Stochastic optimization and renewable energies	TEOST	2		
Transportation economics	ECOPT	1,5		
<b>ELECTIVE COURSES to be chosen in VET department (eg STMAR, ENERG) or among electives courses of the other departments</b>				

<b>S8 (spring)</b>	<b>DEPARTMENT INCEPTION WEEK (mandatory)</b>		<b>1,5</b>	<b>30</b>
	Transport, stations and exchange poles	O2LVM	1,5	
	<b>SCHOOL CORE CURRICULUM</b>		<b>12</b>	
	Introduction to law	DROA/DROE	3	
	Statistics : practice of learning methods - IMI	PRAMA	1,5	
	Foresight and uncertainty	PR1CE	1,5	
	Languages (3 modules for international students)		2	
	Psychosocial risks (RPS)		0,5	
	Sport		0,5	
	Engineer Internship		3	
	<b>MANDATORY COURSES FOR VET TRANSPORTATION TRACK</b>		<b>12,5</b>	
	<b>VET core curriculum</b>		<b>5</b>	
	VET Department seminar	VETSD	5	
	Pedagogical days		0	
	<b>Transportation track</b>		<b>7,5</b>	
Econometrics Analysis and Discrete Choice Methods	ECCHD	1,5		
Transport and planning in urban and regional areas	TAMUR	6		
<b>ELECTIVE COURSES to be chosen in VET department (eg ECCHD2, TRFER) or among electives courses of the other departments</b>			<b>4</b>	

<sup>(1)</sup> This code is the course's code in our online catalogue (<https://gede.enpc.fr/Programme/Default.aspx?Langue=en>)

<sup>(2)</sup> These letters stand for the department (other than VET) which delivers the course :

GCC : Génie Civil et Construction - Civil Engineering and Construction

GMM : Génie Mécanique et Matériaux - Mechanical Engineering and Materials Science

GI : Génie Industriel - Industrial engineering

IMI : Ingénierie Mathématique et Informatique - Applied Mathematics and Computer Science

SEGF : Sciences économiques, Gestion, Finance - Economics, Management, Finance

SHS - Sciences Humaines et Sociales - Humanities and Social Sciences

## CITY, ENVIRONMENT, TRANSPORTATION (VET) TRANSPORTATION TRACK 2026 - 2027

### YEAR 3 (M2) OF ENPC MSc IN ENGINEERING

ECTS

<b>S9 (Fall)</b>	<b>DEPARTMENT INCEPTION WEEKS (mandatory)</b>		<b>5,5</b>	<b>30</b>
	Challenge "Planning, Logistics, Environment"	03AET <sup>(1)</sup>	1,5	
	Systems analysis	03SYS	1,5	
	Feedback on long internships	03STA	1	
	Department week, to be chosen among Athens week, PTA05 and TRENC <sup>(2)</sup>		1,5	
	<b>SCHOOL CORE CURRICULUM</b>		<b>5</b>	
	Languages (3 modules for international students)		2	
	Life cycle analysis	ACVMU	3	
	<b>DEPARTMENT CORE CURRICULUM</b>		<b>12</b>	
	Challenges, Science and tools for the transition of cities and regions	DOSTV3A	3	
	Pedagogical days			
	Environmental and industrial risks	RENIN	3	
	Advanced urban modeling		3	
	Networks regulation	RERES	3	
<b>TRANSPORTATION TRACK MANDATORY COURSES</b>		<b>4,5</b>		
Active mobilities	MOBAC	1,5		
Simulation and regulation of urban public transport traffic	SRTTC	3		
<b>ELECTIVE COURSES to be chosen in VET department (eg STMAR, ENERG, OACMO, CSIUR, COURB, MCNDU) or among electives courses of the other departments</b>		<b>3</b>		

<b>S10</b>	<b>End of Study Project</b>	<b>30</b>
------------	-----------------------------	-----------

<sup>(1)</sup> This code is the course's code in our online catalogue (<https://gede.enpc.fr/Programme/Default.aspx?Langue=en>)

<sup>(2)</sup> PTA05 : Design and redevelopment of eco-neighbourhoods (VET); TRENC : Construction and diversity (GCC)