

ENGINEERING SCHOOL
Academic year 2010-2011

SEMESTER 9 : Areas Environmental Engineering Option (GE GEDET)

MODULES	SUBJECTS	LECTURE	CONFERENCE	TUTORIALS	PROJECT (h)	VISITE (h)	ASSESSMENT	TOTAL (h)	ECTS credits
PERSONAL DEVELOPMENT MODULE	Attendance & participation								1
	Communication & human relation			21				21	
	Organisations sociology	3						3	
	Bibliography and engineering thesis presentation			1				1	
	Employment information		1						
	Seminar employment preparation (optional end S10)		35					35	
	total		3	36	22	0	0	0	61
LAW, ECONOMICS, MANAGEMENT MODULE	Engineering and works	15		4			1	20	
	Sustainable development tools	9		8		8		25	
	Financial engineering	3		2	16			21	
	total	27	0	14	16	8	1	66	4
SCIENCES & ENGINEERING TOOLS MODULE	Data analysis	9		12				21	
	SGBD	9		12				21	
	SIG	6		9				15	
	Data treatment	2			24			26	
	Topography	4		12				16	
	Remote sensing	3		4				7	
	total	33	0	49	24	0	0	106	7
QUANTITATIVE MANAGEMENT RESSOURCES MODULE	Hydraulic risks management	3		12				15	
	Hydraulic flow	3		7				10	
	Flood risk and overflowing	6		2				8	
	Flooding vulnerability	3		4				7	
	Management of the scarce resource	9		8				17	
	Dams and embankments	6			17	4	1	28	
	total	30	0	33	17	4	1	85	7
QUALITATIVE RESOURCE MANAGEMENT	Environmental diagnosis	12		3		4	1	20	
	Agricultural catchment resource protection	12		16				28	
	Ecotoxicologie and environmental chemistry (in english)	4		2				6	
	total	28	0	21	0	4	1	54	5
LAND DEVELOPMENT MODULE	Politics development and energetics	12						12	
	Land development project				20	4	2	26	
	total	12	0	0	20	4	2	38	
TOTAL		12	0	0	20	4	2	38	4
TOTAL		133	36	139	77	20	5	410	30