

Master of Geology of Sedimentary Basins

Semester 1 :

Teaching Unit	SHV	WHV				Coeff.	Credits	Evaluation Mode	
	14-16 sem	Course	TUT.	LAB	Others			Continuous	Exam
Fundamental TU									
FTU1 (O/P) Sedimentary Basins	90h	3h		3h		5	9		
Module 1: Deposition Environments and Diagenesis	45h	1h30		1h30		3	5	x	x
Module2: Dynamics of Sedimentary Basins	45h	1h30		1h30		2	4	x	x
FTU2 (O/P) Sedimentary rocks and Tectonics	112h30	3h	1h30	3h		4	9	x	x
Module 1: Sedimentary rocks	45h	1h30		1h30		2	5	x	x
Module 2: Tectonics	67h30	1h30	1h30	1h30		2	4	x	x
Methodological TU									
MTU1 (O/P) Applied Geophysics	60h	1h30	2h30			3	5		
Module 1: Applied Geophysics	60h	1h30	2h30			3	5	x	x
MTU2 (O/P) Techniques of Drilling	45h	1h30	1h30			2	4		
Module 1: Techniques of Drilling	45h	1h30	1h30			2	4	x	x
Discover TU									
DTU1 (O/P): Water et Soil	45h	1h30	1h30			2	2		
Module 1: Water et Soil	45h	1h30	1h30			2	2	x	x
Transversal TU									
TTU1(O/P) English scientific	22h30	1h30				1	1		
Module 1: English I	22h30	1h30				1	1	x	x
Total Semester 1	375h	12h	7h	6h		17	30		

Semester 2

Teaching Unit	VHS	WHV				Coeff	Credits	Evaluation Mode	
	14-16 sem	Course	TUT.	LAB	Others			Continuous	Exam
Fundamental TU									
FTU1(O/P) Sedimentary Basins	112h30	4h30	3h			5	9		
Module 1: Georesources	45h	1h30	1h30			2	4		
Module 2: Reservoirs & Exploration	22h30	1h30				2	2		
Module 3: Petrophysics et Well logging	45h	1h30	1h30			1	3		
FTU2(O/P): Geology of Algeria	90h	3h		3h		4	9		
Module 1: Geology of Northern Algeria	45h	1h30		1h30		2	5		
Module 2: Sedimentary Basins of Northern Algeria	45h	1h30		1h30		2	4		
Methodological TU									
MTU1(O/P) Geomatics et Remote sensing	60h	3h	1h		10	3	6		
Module 1: Geomatics	22h30	1h30			5	2	3		
Module 2: Remote sensing & GIS	37h30	1h30	1h		5	1	3		
MTU2 (O/P) Field techniques and data interpretation	45h	1h30	1h30		5	2	3		
Module 1 Field techniques and data interpretation	45h	1h30	1h30		5	2	3		
Discover TU									
DTU1(O/P) Technical improvement of rocks	45h	1h30	1h30		5	2	2		
Module 1: Technical improvement of rocks	45h	1h30	1h30		5	2	2		
Transversal TU									
TTU1(O/P) English	22h30	1h30			5	1	1		
Module 1: English II	22h30	1h30			5	1	1		
Total Semester 2	375h	15h	7h	3h		17	30		

Semester 3

Teaching Unit	VHS	WHV				Coeff.	Credits	Evaluation Mode	
	14-16 sem	Course	TUT.	LAB	Others			Continuous	Exam
Fundamental TU									
FTU1(O/P) Geology of Algeria	90h	3h		3h		4	9		
Module 1: Geology of Southern Algeria	45h	1h30		1h30		2	5		
Module2: Sedimentary Basins of Southern Algeria	45h	1h30		1h30		2	4		
FTU2(O/P) Internship in laboratory or field and Hydrogeology	112h30	1h30		6h		5	9		
Module 1: Internship in the laboratory or in the field	67h30			4h30		3	5		
Module2: Hydrogeology	45h	1h30		1h30		2	4		
Methodological TU									
MTU1(O/P): Geomorphology	22h30	1h30				2	3		
Module 1: Geomorphology	22h30	1h30				2	3		
MTU2(O/P) Applied IT	45h	1h30		1h30		1	3		
Module 1: Geosciences Softwares	45h	1h30		1h30		1	3		
MTU3(O/P): Project	37h30	1h30	1h			2	3		
Module 1: Project	37h30	1h30	1h			2	3		
Discover TU									
DTU1(O/P): Geological hazards	45h	1h30	1h30			2	2		
Module 1: Geological hazards	45h	1h30	1h30			2	2		
Transversal TU									
TTU1(O/P) Organizations and professions of geology	22h30	1h30				1	1		
Module 1: Organizations and professions of geology	22h30	1h30				1	1		
Total Semester 3	375h	12h	2h30	10h30		17	30		

Semester 4 :

Field: Earth Sciences

Sector: Geology

Specialty: Geology of sedimentary basins

Internship sanctioned by a dissertation and a defense.

	VS	Coeff.	Credits
Personal work	200h00	9	18
Field and laboratory	150h00	5	9
Internship and Seminars	25h00	3	3
Total Semester 4	375h00	17	30