

Professional License in Precision Agriculture

Time sheet 1st Year Semester 1



	Sunday	Monday	Tuesday	Wednesday	Thursday
8 :30 a.m– 10 a.m	Plant Physiology Course Pr Belkhodja Moulay + Dr Achour Asma	Mathematicals Course Dr Bekkar Azzedine	Plant Biodiversity Course Dr Halfaoui Yamina	Ecology and Environment Course Dr Halfaoui Yamina	University working methods Course/TD Dr Kadiri Amina
10 :15 a.m – 11:45 a.m	Strengthening French language skills Course /Directed works Dr Majouba Samira	Introduction to computers Course / Directed works Dr Dahane Miloud	Plant Biodiversity Directed works Dr Halfaoui Yamina+ Dr Benlaldj Amel	Ecology and Environment Directed works Dr Halfaoui Yamina+ Dr Benlaldj Amel	Personal work
Pause	////////////////////	//////////////////// ////////	////////////////////	////////////////////	////////////////////
1 p.m – 2 :30 p.m	Strengthening English language skills Course /Directed works Dr Khelladi Kheira	Applied physics Course /Directed works Pr Benaissa Nouredine	Technologies for Précision agriculture Course Pr Lebbah Yahia	Plant Physiology Pratical works Dr Achour Asma	Personal work
2 :45 p.m – 4 :15 p.m			Technologies pour l'agriculture de précision Directed works Pr Lebbah Yahia	Plant Physiology Pratical works Dr Achour Asma	Personal work

1 - The courses and tutorials will take place in the CUPAGIS room

2 - The practical works in the Plant Physiology Laboratory



Professional License in Precision Agriculture

Time sheet 1st Year Semester 2

	Sunday	Monday	Tuesday	Wednesday	Thursday
8 :30 a.m– 10 a.m	Supervised project Courses Pr Lebbah Yahia Pr Benaissa Noureddine	Water and water nutrition of plants Courses Pr Belkhodja Moulay	Physiology nutrition of Plants Courses Dr Bidai Yasmina	Information systems and web/mobile programming Course /Directed works Dr Aribi oureddine	Physiology and biochemistry of symbotic fixation of nitrogen Practical Works Dr Ighil Hariz Samia
10 :15 a.m – 11:45 a.m	Discovery training Directed Works Pr Belkhodja Moulay Pr Benaissa Noureddine	Professional English language skills Courses Mme khalladi Kheira	Physiology and biochemistry of symbotic fixation of nitrogen Courses Pr Ihhil Hariz Zohra	Programming and Algorithms Courses Dr Fourour Said	Physiology and biochemistry of symbotic fixation of nitrogen Dr Ighil Hariz Samia
Pause	//////////////////// ///	//////////////////// ///	////////////////////	////////////////////	////////////////////
1 p.m – 2 :30 p.m	Water and water nutrition of plants Practical Works Dr Benlaldj Amel	Statistics Courses Pr Lebbah Yahia	Physiology nutrition of Plants Practicals works Dr Bidai Yasmina Dr Achour Asma	Programming and Algorithms Directed Works Dr Fourour Said	Introduction to communication Courses Mme Zeghada Fatima
2 :45 p.m – 4 :15 p.m	Water and water nutrition of plants Practical Works Dr Benlaldj Amel	Statistics Practical Works Pr Lebbah Yahia	Physiology nutrition of Plants Practicals works Dr Bidai Yasmina Dr Achour Asma	Knowledge of Professions Course /Directed works Pr Benaissa	Personal work

1 – Courses Room CUPAGIS

2- Practical Works in Plant Biology laboratory



Professional License in Precision Agriculture

Time sheet 2nd Year Semester 3

	Sunday	Monday	Tuesday	Wednesday	JThursday
8 :30 a.m– 10 a.m	Personal works	Plant Ecophysiological Course /Directed works Pr Belkhodja Moulay+ Dr Achour Asma	PPPE 2 : Self- knowledge Course /Directed works Pr Benaissa Noureddine	Oral Communication Courses Mme Zeghada Fatima zohra	Agricultural Irrigation Technology Courses Pr Belkhodja Moulay+Dr Benlaldj Amel
10 :15 a.m – 11:45 a.m	Personal works	Vision and Image Processing Dr Bentata Courses	Farmed project 1	Initiation to business managment and creation Course /Directed works Pr Senhadji Rachid	Data analysis tools and methods Pr Loukil Lakhdar Courses
Break	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////
1 p.m – 2 :30 p.m	Professional English 2 Courses /Directed works Mme Khelladi Kheira	Pédology and soil microbiologyl Courses/ Practical works Pr Haddad Fatma Zohra + Dr Kadiri Amina	Plant Ecophysiological Practical works Dr Benlaldj Amel Plant Physiology Laboratory	Bioinformatics Courses Dr Amouri Adel Amar	Data analysis tools and methods Pr Loukil Lakhdar Directed works
2 :45 p.m – 4 :15 p.m	Agricultural Irrigation Technology Directed works Pr Belkhodja Moulay+Dr Benlaldj Amel	Pédology and soil microbiologyl Courses/ Practical works Pr Haddad Fatma Zohra + Dr Kadiri Amina	Plant EcoPhysiological Végétale Practical works Practical works Dr Benlaldj Amel Plant Physiology Laboratory	Bioinformatics Practical works/ Directed works Dr Amouri Adel Amar	

1 - Courses in CUPAGIS Room

2 - Practcal works in Pedology laboratory

Professional License in Precision Agriculture

Time sheet 2nd Year Semester 4

	Sunday	Monday	Tuesday	Wednesday	Thursday
8 :30 a.m– 10 a.m	Plant Production Courses Pr Belkhodja Moulay	Phytodiagnosis and phytoprotection Courses Pr Haddad fatima Zohra	Written communication Courses/Directed works Mme Zeghada fatima	Sensor Systems for Precision Agriculture Courses Dr Dahane Amine	Deepening in the management and creation of companies Courses/Directed works Pr Senhadji
10 :15 a.m – 11:45 a.m		Phytodiagnosis and phytoprotection Practical works Pr Haddad fatima Zohra		Sensor Systems for Precision Agriculture Practical works Dr Dahane Amine	
Pause	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////
1 p.m – 2 :30 p.m		Remote sensing Course /Directed works Pr Benaissa Noureddine	GIS for Precision Agriculture Courses/ Practical works Pr Lebbah yahia	Decision in project management Courses /Directed works Pr Belkhodja+Pr Benaissa	
2 :45 p.m – 4 :15 p.m	Professional English 3 Courses /Directed works Mme Khelladi Kheira	Internship Field intership Pr Belkhodja	GIS for Precision Agriculture Courses/ Practical works Pr Lebbah yahia		

1 - Courses in CUPAGIS Room

2 - Practcal works in Pedology laboratory





SPECIALITE : Licence Professionnelle 1^{ère} Année en Agriculture de Précision

EMPLOI DU TEMPS SEMESTRE 1 2022/2023

	Dimanche	Lundi	Mardi	Mercredi	Jeudi
8h30 – 10 h	Physiologie Végétale Cours Pr Belkhodja Moulay + Dr Achour Asma	Mathématiques Cours Dr Bekkar Azzedine	Biodiversité Végétale Cours Dr Halfaoui Yamina	Ecologie et Environnement Cours Dr Halfaoui Yamina	Méthodes de travail universitaire Cours/TD Dr Kadiri Amina
10h15 – 11h45	Renforcement des compétences linguistiques en Français Cours/TD Dr Majouba Samira	Introduction à l'informatique Cours/TD Dr Dahane Miloud	TD Biodiversité Végétale Dr Halfaoui Yamina+ Dr Benlaldj Amel	TD Ecologie et Environnement Dr Halfaoui Yamina+ Dr Benlaldj Amel	
Pause	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////
13 h – 14h30	Renforcement des compétences Cours/TD linguistiques en anglais Dr Belaskri Asma	Physique appliquée Cours/TD Pr Benaissa Nouredine	Technologies pour l'agriculture de précision Cours Pr Lebbah Yahia	TP Physiologie Végétale Dr Achour Asma	
14h45 – 16h15			TD Technologies pour l'agriculture de précision Pr Lebbah Yahia	TP Physiologie Végétale Dr Achour Asma	

Remarque :

- 1- Les cours se dérouleront à l'amphi à côté du laboratoire de Physiologie Végétale à la fac.Senia
- 2- Pour les TD et les TP on doit se consulter rapidement lors d'une réunion au cours de la semaine prochaine par exemple le 6 ou 7 Octobre 2022

**Oran1 Precision Agriculture Bachelor Curricula
Semester 2**

<https://vrre.univ-oran1.dz/Cupagis>

Units	Courses	Total presential	Total student	LE	TU	PW	Personal Work	H. coach / stud.	H. coach / group stud.	Coeff	Credits	C : continu R : writ. rep. D : defense
U Fundamental												
FU1 <i>Physiology and Nutrition</i>	Physiology and biochemistry of symbiotic fixation of nitrogen	36	51	15	0	21	15			3	3	
	Physiology of vegetable nutrition	36	51	15	0	21	15			4	3	
	Water and water nutrition of plants	37.5	52.5	15	22.5	0	15			4	3	
FU2 <i>Statistics and programming</i>	Statistics	52.5	61.5	15	22.5	15	9			4	3	
	Programming and Algorithms	51	60	15	15	21	9			4	3	
	Information systems and web/mobile programming	36	51	15	0	21	15			3	3	
U Methodology												
MU1 <i>Professions</i>	Knowledge of Professions	22.5	37.5		15	7.5	15			2	1	
	Supervised project	22.5	45			22.5	22.5			2	2	
	Discovery training	0	112				112	2		6	6	
U Transversal												
TU1 <i>Languages and communication 2</i>	Professional English 1	22.5	30.5		15	7.5	8			2	2	
	Introduction to communication	22.5	30		15	7.5	7.5			2	1	
	TOTAL SEMESTER	339	582	90	105	144	243			36	30	
	TOTAL	921										
	TOTAL FU	249	327	90	60	99	78			22	18	
	TOAL MU	45	194.5	0	15	30	149.5			10	9	
	TOTAL DU+TU	45	60.5	0	30	15	15.5			4	3	

Presential hours weak 22.60

Personal hours weak 16.20

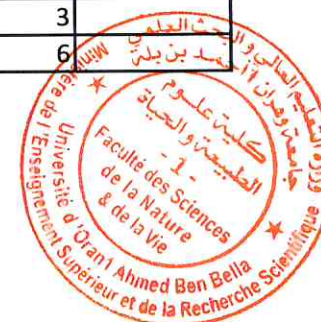


**Oran1 Precision Agriculture Bachelor Curricula
Semester 3**

<https://vrre.univ-oran1.dz/Cupagis>

Units	Courses	Total presential	Total student	LE	TU	PW	Personal Work	H. coach / stud.	H. coach / group stud.	Coeff	Credits	C : continu R : writ. rep. D : defense
U												
Fundamental												
FU1	Pedology	54	74	22.5	9	22.5	20			4	4	
Agricultural Ecosystems	Plant ecophysiology	54	74	22.5	9	22.5	20			4	4	
	Agricultural irrigation technology	45	65		22.5	22.5	20			4	3	
FU2	Data analytics	54	74	9	22.5	22.5	20			4	4	
Data analytics and vision	Bioinformatics	31.5	41.5	9	22.5		10			2	2	
	Image Processing and Computer Vision	67.5	87.5	22.5	22.5	22.5	20			4	4	
U												
Methodology												
MU1	Self-awareness	9	9			9		3		1	1	
Self-awareness and project	Supervised project 1	22.5	45			22.5	22.5			2	2	
U Transversal												
TU1	Professional english 2	22.5	30		15	7.5	7.5			2	2	
Languages and communication 3	Oral communication	22.5	30		15	7.5	7.5			1	2	
	Introduction to business management and creation	22.5	30.5	16.5	6		8			2	2	
	TOTAL SEMESTER	405	560.5	102	144	159	155.5			30	30	
	TOTAL	965.5										
	TOTAL FU	306	416	85.5	108	112.5	110			22	21	
	TOAL MU	31.5	54	0	0	31.5	22.5			3	3	
	TOTAL DU+TU	67.5	90.5	16.5	36	15	23			5	6	

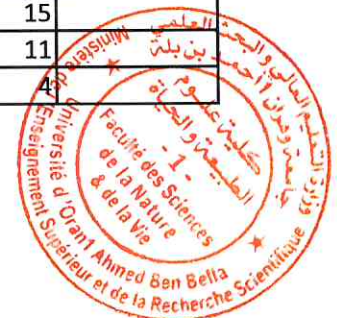
Presential hours weak 27.00
Personal hours weak 10.37



**Oran1 Precision Agriculture Bachelor Curricula
Semester 4**

<https://vrre.univ-oran1.dz/Cupagis>

Units	Courses	Total presential	Total student	LE	TU	PW	Personal Work	H. coach / stud.	H. coach / group stud.	Coeff	Credits	C : continu R : writ. rep. D : defense
U Fundamental												
FU1 <i>Production and agricultural health</i>	Vegetable production	22.5	52.5	22.5			30			4	3	
	Phytodiagnosis and phytoprotection	45	65		22.5	22.5	20			4	3	
FU2 <i>GIS, sensors and remote sensing</i>	GIS for Precision Agriculture	45	69	22.5		22.5	24			4	3	
	Sensor Systems for Precision Agriculture	45	60		22.5	22.5	15			4	3	
	Remote sensing	60	75	15	22.5	22.5	15			3	3	
U Methodology												
MU1 <i>Projet management</i>	Decision in project management	9	39			9	30	3		2	2	
	Internship	0	224				224	3		9	9	
U Transversal												
TU1 <i>Languages, communication and companies</i>	Professional english 3	22.5	30		15	7.5	7.5			2	1.5	
	Written communication	22.5	30		15	7.5	7.5			1	1.5	
	Deepening in the management and creation of companies	22.5	32.5	12	10.5		10			1	1	
	TOTAL SEMESTER	294	677	72	108	114	383			34	30	
	TOTAL	971										
	TOTAL FU	217.5	321.5	60	67.5	90	104			19	15	
	TOAL MU	9	263	0	0	9	254			11	11	
	TOTAL DU+TU	67.5	92.5	12	40.5	15	25			4		
	Presential hours weak		19.60									
	Personal hours weak		25.53									



Oran1 Precision Agriculture Bachelor Curricula
Semester 5

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Units	Courses	Total presential	Total student	LE	TU	PW	Personal Work	H. coach / stud.	H. coach / group stud.	Coeff	Credits	C : continu R : writ. rep. D : defense
UE												
Fundamental												
FU1	Fertilisation	46.5	66.5	9	22.5	15	20			4	3	
Agricultural Technologies	Salty soils	46.5	66.5	22.5	9	15	20			3	3	
	Agricultural mechanization technology	45	70	22.5	22.5		25			4	4	
FU2	Advanced GIS Techniques for Precision Agriculture	54	74	22.5	9	22.5	20			4	4	
	Global Navigation Satellite Systems	54	74	9	22.5	22.5	20			3	4	
	Artificial intelligence, machine learning and big-data	45	65	22.5		22.5	20			3	3	
U Methodology												
MU1	Supervised project 2	22.5	45			22.5	22.5			3	3	
Project and business	Application to business management and creation	22.5	32.5	3	19.5		10			2	2	
U Transversal												
TU1	Professional English 4	22.5	30		15	7.5	7.5			2	2	
Languages and communication 4	Professional communication	22.5	30		15	7.5	7.5			1	2	
	TOTAL SEMESTER	381	553.5	111	135	135	172.5			29	30	
	TOTAL	934.5										
	TOTAL FU	291	416	108	86	98	125			21	21	
	TOAL MU	45	77.5	3	20	23	32.5			5	5	
	TOTAL DU+TU	45	60	0	30	15	15			3	4	
	Presential hours weak		25.40									
	Personal hours weak		11.50									



Oran1 Precision Agriculture Bachelor Curricula
Semester 6

<https://vrre.univ-oran1.dz/Cupagis>

Units	Courses	Total presential	Total student	L E	TU	P W	Personal Work	H. coach / stud.	H. coach / group stud.	Coeff	Credits	C : continu R : writ. rep. D : defense
U Fundamental												
FU1		0	0	0						0	0	
		0	0	0						0	0	
U Methodology												
MU1 <i>Final project</i>	Final projet	0	200				200		16	9	9	
	Internship on precision agriculture	0	420				420	5		21	21	
U Transversal												
		0	0									
		0	0									
	TOTAL SEMESTER	0	620	0	0	0	620			30	30	
	TOTAL	620										
	TOTAL UEF	0	0							0	0	
	TOAL UEM	0	620							30	30	
	TOTAL UED+UET	0	0							0	0	

Heures présentiel semaine 0.00
Heures personnel semaine 41.33

