

Année: 2024/2025  
Nom: KHARFI  
N° d'inscription: ES25012023212135053494  
Domaine: Sciences de la Nature et de la Vie  
Diplôme préparé: Ingénieur d'état  
Prénom: ISLAM  
Niveau: 2<sup>ème</sup> année second cycle (2SC)  
Spécialité: Biotechnologie  
Né (e) Le: 21/07/2003 à setif

## RELEVÉ DE NOTES

Unité d'enseignement (U.E.)		Matière(s) constitutive(s) de l'unité d'enseignement				
Nature	Code Ue	Crédits	Coef	Moy	Coef	Stat
U.E.F	000F0001S03	06	5.0	12.00	3.0	N
U.E.F	000F0002S03	13	10.0	14.52	3.0	N
U.E.M	000M0001S03	08	5.0	14.08	4.0	N
U.E.D	000D0001S03	02	3.0	14.58	4.0	N
U.E.T	000T0001S03	01	1.0	15.05	1.0	N
Moyenne du Semestre 3 :		14.16				
U.E.F	000F0001S04	09	7.0	11.75	2.0	N
U.E.F	000F0002S04	08	7.0	13.06	2.0	N
U.E.M	000M0001S04	09	7.0	14.57	2.0	N
U.E.D	000D0001S04	02	2.0	14.25	2.0	N
U.E.T	000T0001S04	01	1.0	13.65	1.0	N
Moyenne du Semestre 4 :		13.24				
Moyenne		13.70				
Total des crédits cumulés pour l'année:		50				
Total des crédits cumulés dans le cursus:		120				

Crédits du Semestre 3 : 30  
Crédits du Semestre 4 : 30  
N: Session Normale R: Session Rattrapage

Le chef de département  
Le 30-06-2025



69

ALGER, le  
Figurant sur le Présent Document  
Materiel de la Sécurité des  
Pour la Certification  
MINISTRE DES AFFAIRES ETRANGERES  
DEMOCRATIQUE ET POPULAIRE  
RUE ALGERIENNE

الجمهورية الجزائرية الديمقراطية الشعبية  
وزارة التعليم العالي والبحث العلمي  
تأكيد صحفي على صحة إسطوانات  
المسجل (ة)  
المسجلة على شبكة الوطنية  
الجزائري في

12 نوفمبر 2025

Document Authentique  
L'original  
Enregistré Sous le N° 231112  
En Date du: 11 NOV. 2025



مدير صناديق التوثيق  
مدير صناديق التوثيق



من اوزير و يتكويين تحت  
فألبية صلاير الشهادات  
صفيية كشييدة

12 نوفمبر 2025

Année: 2023/2024  
 Nom: KHARFI  
 N° d'inscription: ES25012023212135053494  
 Domaine: Sciences de la Nature et de la Vie  
 Diplôme préparé: Ingénieur (Académique)  
 Filière: Biotechnologies  
 Niveau: 1ère année second cycle (1SC)  
 Spécialité: Biotechnologie  
 Prénom: ISLAM  
 Né (e) Le: 21/07/2003 à setif

RELEVÉ DE NOTES

Unité d'enseignement (U.E.)				Matière(s) constitutive(s) de l'unité d'enseignement			
Nature	Codé Ue	Credits	Coef	Moy	Credits	Coef	Sexe
U.E.F	D00F0001S01	06	4.0	13.74	06	N	N
U.E.F	D00F0002S01	12	8.0	14.77	12	N	N
U.E.M	D00M0001S01	06	5.0	13.53	06	N	N
U.E.M	D00M0002S01	04	5.0	15.90	04	N	N
U.E.D	D00D0001S01	02	2.0	13.57	02	N	N
U.E.T	D00T0001S01	01	1.0	12.00	01	N	N
Moyenne du Semestre 1 : 14.38				Credits du Semestre 1 : 30			
U.E.F	D00F0001S02	11	10.0	14.33	11	N	N
U.E.F	D00F0002S02	07	5.0	13.62	07	N	N
U.E.M	D00M0001S02	05	7.0	14.38	05	N	N
U.E.M	D00M0002S02	04	4.0	15.01	04	N	N
U.E.D	D00D0001S02	02	3.0	17.83	02	N	N
U.E.T	D00T0001S02	01	1.0	13.30	01	N	N
Moyenne du Semestre 2 : 14.63				Credits du Semestre 2 : 30			
Moyenne 14.52				Session: N			
Total des crédits cumulés pour l'année: 60				N: Session Normale R: Session Rattrapage			

Admis(e) (session normale)

Le chef de département

Le: 09-07-2024



علي طارق  
 رئيس قسم البيوتكنولوجيا  
 المدرسة الوطنية العليا في البيوتكنولوجيا



Document Authentique  
Signé par  
Enregistré Sous le N° 270/15  
En Date du 11 NOV. 2025



مدير مساعد للتعليم والشهادات  
و الشهادات و التكوين والتأهيل  
مدير رفيع

إهداء: صافية كتيبة  
مدير التعليم والتكوين والتأهيل  
و الشهادات و التكوين والتأهيل  
و الشهادات و التكوين والتأهيل



12 نوفمبر 2025

السيد (M)  
المستلم  
12 نوفمبر 2025  
مدير رفيع  
وزارة التعليم العالي والبحث العلمي  
الجامعة المغربية  
البيانات الواسعة

MINISTRE DES AFFAIRES ETRANGERES  
Pour la Certification  
Materiel de l'Etat  
figurant sur le Présent Document  
30 DEC 2025

Secrétariat des Affaires Etrangères  
Nadia MOULAH



DIRECTION DE L'ECOLE

Année: 2022/2023

Nom: KHARFI

N°d'inscription: ES25012022212135053494

Domaine: Sciences de la Nature et de la Vie

Diplôme préparé: (Académique)

RELEVÉ DE NOTES

Prénom: ISLAM

Niveau: 2ème Année

Filière: classe préparatoire en biotechnologie

Spécialité: /

Né (e) Le: 21/07/2003 à setif

Unité d'enseignement (U.E)							Matière(s) constitutive(s) de l'unité d'enseignement							
Nature	Code Ue	Credits	Coef	Moy	Credits	Seas	Intitulé(s)			Coef	Moy	Credits	Seas	
U.E.F	D00F0001A2S1	13	7.0	10.41	13	N	Biologie moléculaire			7.0	4.0	08.44	0.0	N
							Biochimie structural			6.0	3.0	13.04	6.0	N
							Biophysique			6.0	4.0	16.97	6.0	N
U.E.F	D00F0002A2S1	13	9.0	15.60	13	N	Biostatistiques 1			4.0	3.0	14.50	4.0	N
							Chimie Inorganique			3.0	2.0	15.39	3.0	N
							Informatique 3			1.0	1.0	14.35	1.0	N
U.E.D	D00D0001A2S1	02	2.0	13.60	02	N	Notions d'économie 1			1.0	1.0	13.25	1.0	N
							Anglais 3			1.0	1.0	15.75	1.0	N
U.E.T	D00T0001A2S1	02	2.0	15.13	02	N	Français 3			1.0	1.0	14.50	1.0	N
Moyenne du SEMESTRE 3 :							Crédits du SEMESTRE 3 :			30		Session: N		
U.E.F	D00F0001A2S2	12	9.0	14.33	12	N	Embryologie			3.0	2.0	17.52	3.0	N
							Génétique			4.0	3.0	13.30	4.0	N
							Biochimie métabolique			5.0	4.0	13.50	5.0	N
U.E.F	D00F0002A2S2	08	5.0	12.68	08	N	Microbiologie			5.0	3.0	12.10	5.0	N
							Immunologie			3.0	2.0	13.55	3.0	N
U.E.F	D00F0003A2S2	06	4.0	13.13	06	N	Chimie organique			5.0	3.0	11.71	5.0	N
							Biostatistiques 2			1.0	1.0	17.40	1.0	N
							Informatique 4			1.0	1.0	17.00	1.0	N
U.E.D	D00D0001A2S2	02	2.0	14.00	02	N	Notions d'économie 2			1.0	1.0	11.00	1.0	N
							Français 4			1.0	1.0	12.50	1.0	N
U.E.T	D00T0001A2S2	02	2.0	11.13	02	N	Anglais 4			1.0	1.0	09.75	0.0	N
Moyenne du SEMESTRE 4 :							Crédits du SEMESTRE 4 :			30		Session: N		
Moyenne							Total des crédits cumulés pour l'année:			60		N: Session Normale R: Session Rattrapage		

Admis(e) (session normale)

Total des crédits cumulés dans le cursus: 60

Le chef de département

Le: 21-09-2023



جامعة الكويت  
الكلية العلمية  
قسم الدراسات والبحوث  
الدراسات والبحوث

Maple Ridge, BC

REPUBLICAN 7 TENNE  
DEMOCRATIC PEOPLE  
MINISTRE DES AFFAIRES ETRANGERES  
Proclamation  
Mots: ...  
M & M  
figural ...  
...  
...

30 DEC 7

الجمهورية الجزائرية الديمقراطية الشعبية  
وزارة التعليم العالي والبحث العلمي  
تأليف: مساهدي علمي  
**محمود ربيع**  
المسجل رقم [7]  
العدد 12  
2025





## -Relevé de Notes-

L'École Nationale Supérieure de Biotechnologie, certifie que l'étudiant(e)

Nom : **KHARFI** Prénom : **ISLAM**

Né(e) le : **21/07/2003** à : **SETIF**

Inscrit(e) en 1<sup>ère</sup> Année sous le N° : **21/102**

A obtenu, à l'issue des semestres 1 et 2, de la première année de la formation préparatoire, de l'année universitaire **2021/2022**, les résultats suivants :

Semestres		Unités d'Enseignement (UE)				Résultats Obtenus							Moyenne semestre	Crédits	Session
		Nature	Intitulé UE	Crédits	Coef	Module	Crédi	Coef	Note/ 20	Crédits module	Session	Moy UE/20			
S1	UE 1	Biologie 1	13	7	Biologie cellulaire	7	4	12,88	7	1 ère	11,79	13	13,54	30	1 ère
					Biologie animal	6	3	10,33	6	1 ère					
	UE 2	Sciences exactes 1	11	7	Chimie générale	5	3	12,90	5	1 ère	14,64	11			
					Physique 1	4	2	15,19	4	1 ère					
					Mathématiques 1	2	2	16,70	2	1 ère					
	UE 3	Découverte 1	4	3	Informatique 1	3	2	17,65	3	1 ère	16,12	4			
					Méthodologie Bibliographique 1	1	1	13,05	1	1 ère					
	UE 4	Transversa 1	2	2	Français 1	1	1	10,00	1	1 ère	12,00	2			
S2					Anglais 1	1	1	14,00	1	1 ère			14,51	30	1 ère
	UE 5	Biologie 2	10	6	Biologie Végétale	6	4	13,03	6	1 ère	12,54	10			
					Histologie	4	2	11,55	4	1 ère					
					Chimie analytique	6	4	14,59	6	1 ère	15,69	14			
	UE 6	Sciences exactes 2	14	9	Physique 2	5	3	16,42	5	1 ère					
					Mathématiques 2	3	2	16,80	3	1 ère	16,58	4			
	UE 7	Découverte 2	4	3	Informatique 2	2	2	17,38	2	1 ère					
					Méthodologie Bibliographique 2	2	1	15,00	2	1 ère	12,00	2			
	UE 8	Transversa 12	2	2	Français 2	1	1	09,00	0	1 ère					
				Anglais 2	1	1	15,00	1	1 ère						



08 SEP 2022



30 DEC 2025  
SECRETARIAT DES AFFAIRES GÉNÉRALES  
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REPUBLICA DE ALGERIE  
MINISTRE DES AFFAIRES ÉTRANGÈRES  
Pour la Direction des  
M. S. / 164707  
Figure 1: New to Present Document

الجمهورية الجزائرية الديمقراطية الشعبية  
وزارة التعليم العالي والبحث العلمي  
تأكيده مسلي على صحة إيداع  
السيد (M)  
المرسل على صفة الرسمية  
البريد في 12 نوفمبر 2025

Document Authentique  
Enregistré Sous le N° 288/25  
En Date du 11 NOV 2025

وزير مساعد  
و الشؤون  
Handwritten signature

من الوديد و بتكليف من  
ناتية مدير الشهادات  
Handwritten signature

12 نوفمبر 2025







Etablissement : ECOLE NATIONALE SUPERIEURE DE BIOTECHNOLOGIE  
Département : Biotechnologie

## RELEVÉ DE NOTES

Année universitaire : 2024/2025  
Nom : KHARFI  
N° d'inscription : ES25012023212135053494  
Domaine : SNV  
Diplôme préparé : Master  
1<sup>ère</sup> année  
Prénom : ISLAM  
Filière : Biotechnologie  
Date et lieu de naissance : 21/07/2003  
Spécialité :  
à setif  
Biotechnologie et santé

Semestres	Matière(s) constitutive(s) de l'unité d'enseignement	Résultats obtenus			
		Matières		Semestre	
		Note	Session	Note	Session
Semestre 3	Intitulé(s)  Matériaux et propriétés 1	1	14,75	1	14,75
Semestre 4	Interactions bio-interfaciales	1	12,70	1	13,75
	Matériaux et propriétés 2	1	14,80	1	

Moyenne annuelle : 14,08

Décision : Acquis(1<sup>ère</sup> session)

Établi à Constantine, le : 18/07/2025

Le Chef de Département



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
National High School of Biotechnology- Constantine  
Deputy Director charged with Education, Diplomas and Continued Education  
Department of Biotechnology

# MARKS SHEET

Valid  
Abroad

Academic Year: 2024/2025

Last Name : KHARFI

Enrolment n°: ES25012023212135053494

Field: Nature Sciences and Life

Prepared Diploma: State Engineer

First Name : ISLAM

Level: 2<sup>nd</sup> Year Second Cycle (2SC)

Major: Biotechnology

Date and Place of Birth : 21/07/2003 in Setif

Special-field : Biotechnology

Treasury Stamp

Unit of Education (UE)				Constitutive Subjects of the unity of education			
Nature	Code & Title	Credits	Coef	Average	Credits	Coef	Session
F.E.U	D00F0001S03	06	5.0	12.90	06	5.0	N
F.E.U	D00F0002S03	13	10.0	14.62	13	10.0	N
M.E.U	D00M0001S03	06	5.0	14.08	06	5.0	N
D.E.U	D00D0001S03	02	3.0	14.58	02	3.0	N
T.E.U	D00T0001S03	01	1.0	15.05	01	1.0	N
Average of Semester 3 : 14.16				Credit of Semester 3 : 30			
F.E.U	D00F0001S04	09	7.0	11.75	09	7.0	N
F.E.U	D00F0002S04	09	7.0	13.06	09	7.0	N
M.E.U	D00M0001S04	09	7.0	14.57	09	7.0	N
D.E.U	D00D0001S04	02	2.0	14.25	02	2.0	N
T.E.U	D00T0001S04	01	1.0	13.65	01	1.0	N
Average of Semester 4: 13.24				Credit of Semester 4 : 30			
Average : 13.70				Decision : Admitted ( Normal Session )			
Total credits summed in the year : 60				Total credits summed in the program : 120			
				N : Normal Session R : Catch Up Session			



Seal & Signature  
Deputy Director charged with Education, Diplomas and Continued Formation  
MERIR Rafik  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine  
Direction of Education, Diplomas and Continued Formation

Issued on 30-06-2025



Translation Office

M<sup>e</sup> BENDRIS Mohamed Salah 19 Rue les Frères Messlem

Mobile : 0771 43 45 31 Email : [bnldrssaid@gmail.com](mailto:bnldrssaid@gmail.com)

## AUTHENTICATION ON THE BACK

**AUTHENTIC DOCUMENT**  
Enrolled under number : 791/25  
dated on November 11<sup>th</sup>, 2025

Deputy Director charged with Education, Diplomas and Continued Formation

**MERIR Rafik**  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine

Direction of Education, Diplomas and Continued Formation

On the authority of the minister  
The Sub Director of Certificates

**KOCHEIDA Safia**  
Signature  
Ministry of Higher Education and Scientific Research  
People's Democratic Republic of Algeria  
November 12<sup>th</sup>, 2025

Treasury Stamp

People's Democratic Republic of Algeria  
**Ministry of Foreign Affairs**  
For authentication of the signature  
Mrs : **KOCHEIDA**  
Contained in this Document  
Algiers on November 12<sup>th</sup>, 2025

People's Democratic Republic of Algeria  
Ministry of Foreign Affairs and National Community Abroad  
Stamp : 20 DZD

The Secretary Foreign Affairs  
**Nadir MOUHLI**



People's Democratic Republic of Algeria  
**Ministry of Higher Education and Scientific Research**  
For authentication of the signature  
Mr : **MERIR Rafik**  
Signed on this document  
Algiers on November 12<sup>th</sup>, 2025



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
National High School of Biotechnology- Constantine  
Deputy Direction charged with Education, Diplomas and Continued Education  
Department of Biotechnology



# MARKS SHEET

Academic Year: 2023/2024  
Last Name : KHARFI  
Enrolment n°: ES25012023212135053494  
Field: Nature Sciences and Life  
Prepared Diploma: State Engineer

First Name : ISLAM

Level : 1<sup>st</sup> Year Second Cycle (2SC)

Major : Biotechnology

Date and Place of Birth : 21/07/2003 in Setif

Special-field : Biotechnology

Treasury Stamp

Unit of Education (UE)								Constitutive Subjects of the unity of education			
Nature	Code & Title	Credits	Coef	Average	Credits	Titles	Coef	Average	Credit	Session	
F.E.U	D00F0001S01	06	4.0	13,74	06	Physiology of Major Functions	2.0	13.20	3.0	N	
F.E.U	D00F0002S01	12	8.0	14,77	12	Plant Physiology	2.0	14.28	3.0	N	
						Enzymology	3.0	14.09	4.0	N	
						Proteomics	2.0	16.30	4.0	N	
						Microbial Biochemistry and Physiology	3.0	14.44	4.0	N	
M.E.U	D00M0001S01	05	5.0	13.53	05	Process Engineering	5.0	13.53	5.0	N	
M.E.U	D00M0001S01	04	5.0	15,90	04	Numerical Methods	2.0	16.13	2.0	N	
						Biostatistics	3.0	15.75	2.0	N	
D.E.U	D00D0001S01	02	2.0	13,57	02	Project Management	1.0	15.88	1.0	N	
						Concepts of Business Economics	1.0	11.25	1.0	N	
T.E.U	D00T0001S031	01	1.0	12,00	01	English 1	1.0	12.00	1.0	N	
Credit of Semester 1 : 30											
Session : N											
F.E.U	D00F0001S01	11	10.0	14,33	11	Nutrition	2.0	14.50	2.0	N	
						Environment and Pollution	2.0	17.50	2.0	N	
						Microorganisms Producing Methods of Interest	4.0	14.00	4.0	N	
						Bio Signalling and Cell Culture	3.0	12.44	3.0	N	
F.E.U	D00F0002S01	07	5.0	13,62	07	Genomics and Post-Genomics	2.0	10.90	3.0	N	
						Bioinformatics	3.0	15.44	4.0	N	
M.E.U	D00M0001S01	05	7.0	14,38	05	Optimisation and Experimental Planning	1.0	16.40	1.0	N	
						Bioprocesses	2.0	13.57	4.0	N	
M.E.U	D00M0001S01	04	4.0	15,01	04	Signal Processing	2.0	16.44	2.0	N	
						Electronics, Regulation and Automation	2.0	13.57	2.0	N	
D.E.U	D00D0001S01	02	3.0	17,83	02	Hygiene and Workplace Safety	1.0	15.50	1.0	N	
						Personal Project / 15-day internship in professional immersion ( level 1 )	1.0	19.00	1.0	N	
T.E.U	D00T0001S01	01	1.0	13,30	01	English 2	1.0	13.30	1.0	N	
Credit of Semester 2 : 30											
Session : N											

Translation Office

M<sup>re</sup> BENDRIS Mohamed Salah 19 Rue les Frères Meslem

Mobile : 0771 43 45 31 Email : [hndrissaid@gmail.com](mailto:hndrissaid@gmail.com)

## AUTHENTICATION ON THE BACK

**AUTHENTIC DOCUMENT**  
Enrolled under number : 790/25  
dated on November 11<sup>th</sup>, 2025

Deputy Director charged with Education, Diplomas and Continued Formation  
**MERIR Rafik**  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine  
Direction of Education, Diplomas and Continued Formation

On the authority of the minister  
The Sub Director of Certificates

**KOCHEIDA Safia**

Signature

Ministry of Higher Education and Scientific Research  
People's Democratic Republic of Algeria  
November 12<sup>th</sup>, 2025



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
For authentication of the signature  
Mr : **MERIR Rafik**  
Signed on this document  
Algiers on November 12<sup>th</sup>, 2025

People's Democratic Republic of Algeria  
Ministry of Foreign Affairs  
For authentication of the signature  
Mrs : **KOCHEIDA**  
Contained in this Document  
Algiers on November 12<sup>th</sup>, 2025



People's Democratic Republic of Algeria  
Ministry of Foreign Affairs and National Community Abroad  
Stamp : 20 DZD

The Secretary Foreign Affairs  
**Nadir MOUHLLI**





Translation 2026

Ministry of Higher Education and Scientific Research  
National High School of Biotechnology- Constantine

School Direction



Treasury Stamp

## MARKS SHEET

Academic Year: 2022/2023

Last Name : KHARFI

Enrolment n°: ES25012022212135053494

Field: Nature Sciences and Life

Prepared Diploma: State Engineer

First Name : ISLAM

Level : 2nd Year

Major : Preparatory Class in Biotechnology

Date and Place of Birth : 21/07/2003 in Setif

Special-field : /



Unit of Education (UE)								Constitutive Subjects of the unity of education			
Nature	Code & Title	Credits	Coef	Average	Credits	Coef	Average	Credit	Session		
F.E.U	D00F0001A2S1	13	7.0	10.41	13	7.0	08.44	0.0	N		
F.E.U	D00F0002A2S1	13	9.0	15.80	13	6.0	13.04	6.0	N		
D.E.U	D00D0001A2S1	02	2.0	13.80	02	1.0	14.35	1.0	N		
T.E.U	D00T0001A2S1	02	2.0	15.13	02	1.0	13.25	1.0	N		
Average of Semester 1 : 13.65				Credit of Semester 1 : 30				Session : N			
F.E.U	D00F0001A2S2	12	9.0	14.33	12	3.0	17.52	3.0	N		
F.E.U	D00F0002A2S2	08	5.0	12.68	08	4.0	13.50	5.0	N		
F.E.U	D00F0003A2S2	06	4.0	13.13	06	3.0	12.10	5.0	N		
D.E.U	D00D0001A2S2	02	2.0	14.00	02	1.0	17.00	1.0	N		
T.E.U	D00T0001A2S2	02	2.0	11.13	02	1.0	12.50	1.0	N		
Average of Semester 2 : 13.42				Credit of Semester 2 : 30				Session : N			

Translation Office

M<sup>e</sup> BENDRIS Mohamed Salah 19 Rue les Frères Meslem

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Deputy Director charged with Education , Diplomas and Continued Formation  
**MERIR Rafik**  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine  
Direction of Education , Diplomas and Continued Formation

People's Democratic Republic of Algeria  
**Ministry of Higher Education and Scientific Research**  
For authentication of the signature  
Mr : **MERIR Rafik**  
Signed on this document  
Algiers on November 12<sup>th</sup>, 2025



On the authority of the minister  
The Sub Director of Certificates

**KOCHEIDA Safia**

Signature

Ministry of Higher Education and Scientific Research  
People's Democratic Republic of Algeria  
November 12<sup>th</sup>, 2025

People's Democratic Republic of Algeria  
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People's Democratic Republic of Algeria  
Ministry of Foreign Affairs and National Community Abroad  
Stamp : 20 DZD



The Secretary Foreign Affairs  
**Nadir MOUHLI**

**-MARKS SHEET-**

The National High School of Biotechnology, hereby certifies that the student

First : **ISLAM**

Last Name : **KHARFI**

Born on : **21/07/2003** in **SETIF**

Enrolled in 1<sup>st</sup> Year under number : **21/102**

Has obtained at the end of semesters 1 and 2, first year preparatory training, academic year : **2021-2022** the following results :

Semesters	Unit of Education (UE)			Education Unity (EU)			Obtained Results					Semester Average	Credits	Session
	Nature	UE Title	Credits	Coef	Module	credits	Coef	Mark/20	Module credits	Session	Average/20			
S1	UE1	Biology 1	13	7	Cellular biology	7	4	12,88	7	1 <sup>st</sup>	11,79	13	30	1 <sup>st</sup>
	UE2	Exact Sciences 1	11	7	Animal Biology	6	3	10,33	6	1 <sup>st</sup>	14,64	11		
					General chemistry	5	3	12,90	5	1 <sup>st</sup>				
					Physics 1	4	2	15,19	4	1 <sup>st</sup>				
	UE3	Discovery 1	4	3	Mathematics 1	2	2	16,70	2	1 <sup>st</sup>	16,12	4		
					Computer Science 1	3	2	17,65	3	1 <sup>st</sup>				
Bibliographic Methodology 1					1	1	13,05	1	1 <sup>st</sup>					
UE4	Transversal 11	2	2	French 1	1	1	10,00	1	1 <sup>st</sup>	12,00	2	14,51	30	1 <sup>st</sup>
UE5	Biology 2	10	6	English 1	1	1	14,00	1	1 <sup>st</sup>	12,54	10			
				Plant Biology	6	4	13,03	6	1 <sup>st</sup>					
				Histology	4	2	11,55	4	1 <sup>st</sup>					
UE6	Exact Sciences 2	14	9	Analytical Chemistry	6	4	14,59	6	1 <sup>st</sup>	15,69	14			
				Physics 2	5	3	16,42	5	1 <sup>st</sup>	16,58	4			
				Mathematics 2	3	2	16,80	3	1 <sup>st</sup>					
UE7	Discovery 2	4	3	Computer Science 2	2	2	17,38	2	1 <sup>st</sup>	16,58	4	2		
UE8	Transversal 12	2	2	Bibliographic Methodology 2	2	1	15,00	2	1 <sup>st</sup>	12,00				
				French 2	1	1	09,00	0	1 <sup>st</sup>					
Marks SHEET issued in Constantine On September 08 <sup>th</sup> , 2022			Annual Average		Total credits summed in the Year			Decision		Session		The Head of Department Drawn by ALLOUA OUSSAMA		
			14.04		60			Admitted		1 <sup>st</sup>				

Seal & Signature  
The Head of Department of Preparatory Training

**CHARLAT Silem**  
National High School of Biotechnology  
Department of Preparatory Training

19  
Constantine





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**MERIR Rafik**  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine  
Direction of Education , Diplomas and Continued Formation

People's Democratic Republic of Algeria  
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Mr : **MERIR Rafik**  
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**KOCHEIDA Safia**

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Ministry of Higher Education and Scientific Research  
People's Democratic Republic of Algeria  
November 12<sup>th</sup>, 2025

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The Secretary Foreign Affairs  
**Nadir MOUHLI**

CERTIFIED TRANSLATION  
At : BENDRIS Mohamed Salah

Valid  
Abroad



**Institution : National High School of Biotechnology  
Department of Biotechnology**

**-MARKS SHEET-**

**Treasury Stamp**

Academic Year : 2024/2025  
Last Name : KHARFI  
Enrolment : ES25012023212135053494  
Field : Nature and Life Sciences  
Diploma Prepared : Master's

First Name : ISLAM  
Date and Place of Birth : 21/07/2003 in Setif  
Major : Biotechnology  
Special-Field : Biotechnology and Health

Semester	Constitutive Subjects of education unity		Coef	Obtained Results			
	Title	Subjects		Semester			
		Mark		Session	Mark	Session	
Semester3	Materials and Properties 1	1	14,75	1	14,75	1	
Semester4	Bio-interfacial interactions	1	12,70	1	13,75	1	
	Materials and Properties 1	1	14,80				

Annual Average : 14,08

Decision : Acquired (1<sup>st</sup> Session)

Issued in Constantine on 18/07/2025



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**MERIT RAÏA**  
Ministry of Higher Education & Scientific Research  
National High School of Biotechnology  
Constantine  
Director of Education, Diplomas and Continued Formation



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National High School of Biotechnology  
Constantine  
Direction of Education, Diplomas and Continued Formation

People's Democratic Republic of Algeria  
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**KOCHEIDA Safia**

Signature

Ministry of Higher Education and Scientific Research  
People's Democratic Republic of Algeria  
November 12<sup>th</sup>, 2025

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The Secretary Foreign Affairs  
**Nadir MOUHLI**

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