

Name EES : Ferhat Abbas Sétif University - 1
 Department: Microbiology

SYLLABUS OF THE SUBJECT

(to be published on the institution's website)

Practical training in Microbiology and quality control

COURSE TEACHER MAGISTRAL		Teacher's first and last name			
		Reception of students per week			
E-mail	siliniallaoua@univ-setif.dz	Day :	Sunday	hour	9 a.m. - 11 a.m.
Office phone		Day :	Tuesday	hour	9 a.m. - 11 a.m.
Secretarial phone		Day :		hour	
Other		Building :	FSNV	Desk :	14

TUTORIALS

(Reception of students per week)

LASTNAMES AND FIRSTNAMES TEACHERS	Office/room reception	Session 1		Session 2		Session 3	
		Day	Hour	Day	Uh D	Day	Hour

PRACTICAL WORK

(Reception of students per week)

LASTNAMES AND FIRSTNAMES TEACHERS	Office/room reception	Session 1		Session 2		Session 3	
		Day	Hour	Day	Hour	Day	Hour
BOUSSEKINE Rania	Hall of meetings	Sunday	14.00- 15.00	Wednesday	11.00- 12.00		

COURSE DESCRIPTION	
Objective	Quality control in the microbiology laboratory is based on the implementation of pre-established and systematic provisions similar to all activities subject to good practice requirements (GLP, GMP). The quality system put in place thus guarantees the reliability of the results generated.
Type Unit Teaching	Fundamental
Brief content	• Know how the microbiology laboratory works, • Identify critical processes to control, • Define good practices and procedures to apply to control quality, • Know how to assess the level of compliance of a laboratory.
Subject credits	6
Material coefficient	3
Weighting Participation	15/20
Attendance Weighting	5/20
CC Average Calculation	20/20
Targeted skills	This training will allow graduate students to pursue more in-depth studies (Master and Doctorate) in Microbiology or in other fields such as quality control, agri-food and health.

EVALUATION OF CONTINUOUS KNOWLEDGE TESTING							
FIRST KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Doc allowed (Yes, No)	Scale	Exchange after assessment (date Consult. copy)	Criteria assessment (2)
SECOND KNOWLEDGE CHECK							
Day	Session	Duration	Type (1)	Doc allowed (Yes, No)	Scale	Exchange after assessment (date consultation copies)	Criteria assessment (2)

(1) Type: E=written, EI=individual presentation, EC=class presentation, EX=experiment, MCQ

(2) Evaluation criteria: A=Analysis, S=synthesis, AR=argumentation, D=approach, R=results

EQUIPMENT AND MATERIALS USED	
Addresses Platforms	
Names Applications (Web, local network)	
Handouts	
Materials of laboratories	Ovens, petri dishes, culture media, microwaves, hot plates, precision balances, micropipettes, tubes, Erlens glasses, bichers, etc.

Materials of protection	Blouses
Output materials in the field	Bus

EXPECTATIONS	
Expectations of students (Participation-involvement)	Communicate to students that knowledge is constantly evolving. The only way to learn it is to learn how to learn; - Know your students and their abilities; - Show students support and provide them with help to meet course requirements (specify the objectives of the course or a task, offer consultation periods, etc.); - Have integrity, that is, demonstrate responsibility, honesty, trust and respect; - Be enthusiastic and generate enthusiasm for your teaching among your students;
Teacher Expectations	- To attend class - Adopt an attitude of listening, questioning, research. - In the evening, review the day's lessons and check understanding. - Learn the lessons, work on your memory, imagine the teacher's questions. - Train, do the requested exercises.

BIBLIOGRAPHY	
Books and resources digital	- <u>Isin Akyar</u> (2011): GLP: Good Laboratory Practice I n book:<u>Modern Approaches To Quality Control</u> - Osman Erkmen: Laboratory Practices in Microbiology (2021) Copyright © 2021 Elsevier, https://doi.org/10.1016/C2020-0-02728-3
Items	R. Vijayaraghavan, S. Ashok, Jayanthi Swaminathan, G. Ramesh Kumar (2014) GLP (Good Laboratory Practice) Guidelines in Academic and Clinical Research: Ensuring Protection and Safety, Journal of Pharmaceutical Research & Clinical Meireles Silva(2023) The role of good manufacturing practices (GMP) in food safety: Journal of Food Microbiology, Volume 7, Issue 4.
Handouts	
Web sites	https://www.ulethbridge.ca/sites/default/files/2020/09/Good%20Microbiological%20Laboratory%20Practices.pdf

Wet stamp of the department