

Curriculum for the Department of Biomedicine (Bologna Process)

FIRST YEAR

1st Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33001	Human Biology	2	3	-	-	-	5.00	3	C
2	CUE32002	Cell Biology	2	3	-	-	-	5.00	3	C
3	CUE54001	General Chemistry	2	3	-	-	-	5.00	3	S
4	CUE61001	General English	2	-	6	-	-	5.00	5	B
5	CUE31001	Computer Skills	-	4	-	-	-	5.00	2	B
6	CUE66001	Kurdistan Studies	3	-	-	-	-	5.00	3	B
	CUE66002	Kurdish Language								
TOTAL			11	13	6	0	0	30.00	19	

2nd Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33011	Biosafety and Biosecurity	2	3	-	-	-	5.00	3	C
2	CUE51012	Human Anatomy	2	3	-	-	-	4.00	3	C
3	CUE32012	Biophysics	2	3	-	-	-	4.00	3	S
4	CUE33012	Biomedical Terminology	2	-	-	-	-	2.00	2	S
5	CUE61002	Academic English	2	-	6	-	-	5.00	5	B
6	CUE31014	Academic Computing	-	4	-	-	-	5.00	2	B
7	CUE82001	Academic Debate	3	-	-	-	-	5.00	3	B
TOTAL			13	13	6	0	0	30.00	21	



SECOND YEAR

3rd Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33021	Microbiology	3	3	-	-	-	5.00	4	C
2	CUE33022	Medical Helminthology and Entomology	2	3	-	-	-	5.00	3	C
3	CUE32022	Basic Histology	2	3	-	-	-	5.00	3	C
4	CUE33023	Biomedical Investigations and Laboratory Practices	2	3	-	-	-	4.00	3	C
5	CUE32026	Biochemistry (Proteins and Nucleic Acids)	2	3	-	-	-	4.00	3	S
6	CUE54054	Pharmacology	2	-	-	-	-	4.00	2	S
7	CUE33024	First Aid	1	-	3	-	-	3.00	2	S
TOTAL			14	15	3	0	0	30.00	20	

4th Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33031	Medical Bacteriology	2	3	-	-	-	5.00	3	C
2	CUE33032	Medical Protozoology	2	3	-	-	-	5.00	3	C
3	CUE32032	Systemic Histology	2	3	-	-	-	5.00	3	C
4	CUE51033	Human Physiology	2	3	-	-	-	4.00	3	C
5	CUE33033	Human Embryology	2	3	-	-	-	5.00	3	S
6	CUE32036	Biochemistry (Carbohydrates and Lipids)	2	3	-	-	-	4.00	3	S
7	CUE33034	Communication Skills	2	-	-	-	-	2.00	2	S
TOTAL			14	18	0	0	0	30.00	20	



THIRD YEAR

5th Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33041	Human Genetics	2	3	-	-	-	5.00	3	C
2	CUE33042	Medical Mycology	2	3	-	-	-	5.00	3	C
3	CUE32062	Basic Immunology	2	3	-	-	-	5.00	3	C
4	CUE32043	Food and Industrial Microbiology	2	3	-	-	-	4.00	3	C
5	CUE33043	Public Health and Pollution	2	3	-	-	-	4.00	3	S
6	CUE32047	Biostatistics	3	-	-	-	-	4.00	3	S
7	CUE33044	Psychology	2	-	-	-	-	3.00	2	S
TOTAL			15	15	0	0	0	30.00	20	

6th Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE32055	Endocrinology	2	3	-	-	-	5.00	3	C
2	CUE33051	Medical Virology	2	3	-	-	-	5.00	3	C
3	CUE33052	Medical Immunology	2	3	-	-	-	5.00	3	C
4	CUE33053	Antimicrobial Agents and Resistance	2	3	-	-	-	4.00	3	C
5	CUE33054	Nutrition, Metabolism and Diseases	3	-	-	-	-	4.00	3	S
6	CUE33055	Research Methods and Ethics	2	-	-	-	1	4.00	2	S
7	CUE33056	Medical Instruments	1	-	3	-	-	3.00	2	S
TOTAL			14	12	3	0	1	30.00	19	



FOURTH YEAR

7th Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33061	Molecular Microbiology	2	3	-	-	-	5.00	3	C
2	CUE33062	Laboratory Diagnostic Techniques and Management	2	3	-	-	-	5.00	3	C
3	CUE33063	Epidemiology and Infectious Diseases	3	-	-	-	-	4.00	3	C
4	CUE32064	Molecular Biology	3	-	-	-	-	4.00	3	C
5	CUE33064	Biotechnology and Bioinformatics	3	-	-	-	-	5.00	3	E
6	CUE33065	Haematology	1	3	-	-	-	4.00	2	E
7	CUE33080	Graduation Project	-	-	2	-	-	3.00	1	C
TOTAL			14	9	2	0	0	30.00	18	

8th Semester

No.	Code	Module Title	CL (hr/w)	L (hr/w)	P (hr/w)	Clin. (hr/w)	T (hr/w)	ECTS	Units	Type
1	CUE33071	Occupational and Hospital Acquired Infections	2	3	-	-	-	6.00	3	C
2	CUE33072	General Pathology	2	3	-	-	-	5.00	3	C
3	CUE54051	Toxicology	2	3	-	-	-	5.00	3	C
4	CUE32073	Tumor Biology	3	-	-	-	-	5.00	3	E
5	CUE33073	Electronic Medical Records	1	3	-	-	-	4.00	2	E
6	CUE33080	Graduation Project	-	-	2	-	-	5.00	1	C
TOTAL			10	12	2	0	0	30.00	15	

إقليم كوردستان العراق

جامعة جيهان أربيل

كلية العلوم

قسم علوم طبية حيوية



Kurdistan Region – Iraq
Cihan University - Erbil
College of Science
Department of Biomedicine

ههريمي كوردستان عراق

زانكو جيهان ههولير

كوليژي زانست

بهشي بايولوژي پزيشكي

Total CL (Class Lecture) =	105 hrs.	Total ECTS of C (Core) =	137 (57.08%)
Total L (Laboratory) =	107 hrs.	Total ECTS of S (Support) =	55 (22.92%)
Total P (Practical Training) =	22 hrs.	Total ECTS of B (Basic) =	30 (12.50%)
Total Clin. (Clinical) =	0 hrs.	Total ECTS of E (Elective) =	18 (7.50%)
Total T (Tutorial) =	1 hr.	Total ECTS =	240
Total Hours =	235 hrs.	Total Units =	152