

Master Degree: Biochemistry

1st year

Fall Semester											
Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Teaching Mode		Evaluation Mode	
		Lectures	DW	PW	Other			Online	Face-to-face	Continuous	Exam
Biochemistry and Physicochemical Food	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Biomembranes and Bioenergetics	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Gene Expression in Prokaryotes and Regulation	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Tools and Methodology of Molecular Biology	67h30	1h30	-	3h	82h30	3	6		+	40%	60%
Biostatistics	37h30	1h30	-	1h	37h30	2	3		+	40%	60%
Scientific English and Article Analysis	45h	1h30	1h30	-	5h	2	2	+		40%	60%
Communication	22h30	1h30	0	0	2h30	1	1	+			100%
Total	375h	1h30	1h30	8h30	375h	17	30				

Spring Semester

Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Teaching Mode		Evaluation Mode	
		Lectures	DW	PW	Others			Online	Face-to-face	Continuous	Exam
Molecular and Functional Neurobiology	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Microbial Biochemistry	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Gene Expression in Eukaryotes and Regulation	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Immunological and Radiobiological Techniques	67h30	1h30	-	3h	82h30	3	6		+	40%	60%
Bioinformatics	37h30	1h30	-	1h	37h30	2	3		+	40%	60%
Cell Culture Techniques	45h	1h30	1h30	-	5h	2	2	+		40%	60%
Legislation	22h30	1h30	0	0	2h30	1	1	+			100%
Total	375h	1h30	1h30	8h30	375h	17	30				

2nd year

Fall Semester

Course	Time load/Semester (15 weeks)	Weekly Time load				Coeff.	Credits	Teaching Mode		Evaluation Mode	
		Lectures	DW	PW	Others			Online	Face to Face	Continuous	Exam
Communication and Cellular Signaling	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Applied Enzymology and Enzyme Engineering	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Phytochemistry and Biomolecule Valorization	67h30	3h	-	1h30	82h30	3	6		+	40%	60%
Scientific Research Methodology	67h30	1h30	-	3h	82h30	3	6		+	40%	60%
Pharmacology and Toxicology	37h30	1h30	-	1h	37h30	2	3		+	40%	60%
Pharmacology and Toxicology	45h	1h30	1h30	-	5h	2	2	+		40%	60%
Entrepreneurship	22h30	1h30	0	0	2h30	1	1	+			100%
Total	375h	1h30	1h30	8h30	375h	17	30				

Spring Semester

Activity	Time load	Coeff	Credits
Thesis and dissertation	375h00	17	30
Total	375h00	17	30

Internship in a company culminating in a thesis and defense.