

UNIVERSITY OF CRAIOVA

Faculty of Exact Sciences

Department: CH (D1)

Starting from 2012/2013 academic year

Ranking field: Chemistry

Study program: Technological Biochemistry

Study period : 3 years

Education form : IF

CURRICULUM STRUCTURE - B.SC. TECHNOLOGICAL BIOCHEMISTRY - 1st Year of Study

Subject	Code	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
General Chemistry	D1BTL101	FD	OB	1	2		3		6	E						
Computer Science	D1BTL102	C	OB	1	2		2		5	V						
General Physics	D1BTL103	C	OB	1	2		2		5	E						
Organic Chemistry (Fundamentals of Organic Chemistry)	D1BTL104	FD	OB	1	2		3		7	E						
Physical Chemistry (Molecule Structure)	D1BTL105	FD	OB	1	2		2		7	E						
Foreign language (English/French)	D1BTL106	C	OB	1		2						2			2	V
Mathematics (Mathematical Analysis and Algebra)	D1BTL207	C	OB	1							2	2			4	V
Inorganic Chemistry (Fundamentals of Inorganic Chemistry)	D1BTL208	FD	OB	1							2		2		6	E
Qualitative Analytical Chemistry	D1BTL209	FD	OB	1							2		2		6	E
Organic Chemistry (Simple Functions)	D1BTL210	FD	OB	1							2		3		6	E
Physical Chemistry (Thermodynamics)	D1BTL211	FD	OB	1							2		3		6	E
Physical Education	D1BTL212	C	F	1		1						1				V

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CURRICULUM STRUCTURE - B.SC. TECHNOLOGICAL BIOCHEMISTRY - 2nd Year of Study

Subject	Code	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Quantitative Analytical Chemistry	D1BTL313	FD	OB	1	2		3		6	E						
Inorganic Chemistry (Nonmetals)	D1BTL314	FD	OB	1	2		2		6	E						
Organic Chemistry (Mixed Functions and Heterocycles)	D1BTL315	FD	OB	1	2		2		6	E						
Physical Chemistry (Kinetics)	D1BTL316	FD	OB	1	2		3		6	E						
General Biochemistry	D1BTL317	C	OB	1	2		2		6	V						
Foreign Language (French/English)	D1BTL318	C	OB	1		1						1			2	V
Inorganic Chemistry (Metals)	D1BTL419	FD	OB	1							2		3		7	E
Analytical Chemistry (Instrumental Analysis)	D1BTL420	FD	OB	1							2		3		7	E
Metabolism Biochemistry	D1BTL421	S	OB	1							2		2		7	E
Bioinorganic Chemistry	D1BTL422	S	OB	1							2		2		7	E
Speciality Practice	D1BTL423	S	OB	1										4		V
Physical Education	D1BTL424	C	F	1		1						1				V

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CURRICULUM STRUCTURE - B.SC. TECHNOLOGICAL BIOCHEMISTRY - 3rd Year of Study

Subject	Code	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Analytical Chemistry (Separation Methods)	D1BTL524	FD	OB	1	2		2		6	E						
Molecular and Cellular Biology	D1BTL525	S	OB	1	2		2		6	E						
Analytical Biochemistry	D1BTL526	FD	OP	1	2		2		6	E						
Syntheses of Biologically Active Compounds	D1BTL527	FD	OP	0	2		2		6	E						
Biotechnologies and Biocatalysis	D1BTL528	S	OB	1	2		2		6	V						
Sensors and Biosensors	D1BTL529	S	OP	1	2		2		6	E						
Analytical Control of Biochemical Processes	D1BTL530	S	OP	0	2		2		6	E						
Animal and Vegetal Physiology	D1BTL631	FD	OP	1							2		2		6	E
Animal and Vegetal Biology	D1BTL632	FD	OP	0							2		2		6	E
Biomolecules	D1BTL633	S	OP	1							3		3		7	E
Bioinorganic Chemistry	D1BTL634	S	OP	0							3		3		7	E
Physical Chemistry of Biological Processes	D1BTL635	S	OP	1							3		3		7	E
Statistics and Data Processing in Chemistry	D1BTL636	S	OP	0							3		3		7	E
Preparation of BSc Thesis	D1BTL637	FD	OB	1									5		10	