

UNIVERSITATEA DIN CRAIOVA
Facultatea de Științe
Departamentul: CH (D1)
Domeniul de ierarhizare: Chimie
Programul de studii: Advanced Chemistry
Durata studiilor : 2 ani
Forma de învățământ : IF

APROBAT începând cu
anul universitar 2026-2027

Sem. I		Sem. II
	Nr. sapt./sem. daca ≠ 14	

PLAN DE ÎNVĂȚĂMÂNT – Anul I (2026-2027)

Disciplina	Cod	DF DS DC	DOB DOP DFA	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
DISCIPLINE OBLIGATORII SI OPTIONALE																	
Advanced separation and purification methods	D1ACM101	DS	DOB	1	1		2		5	E							
Hybrid materials	D1ACM102	DS	DOB	1	2		2		5	E							
Coupled techniques in analytical control	D1ACM103	DS	DOB	1	2		2		5	E							
Ecotoxicology	D1ACM104	DS	DOB	1	1		2		5	V							
Advanced electrochemistry and corrosion	D1ACM105	DS	DOB	1	2		2		5	E							
Academic ethics and integrity	D1ACM106	DC	DOB	1	1	1			5	V							
Advanced biochemistry	D1ACM207	DS	DOB	1							1		2		5	V	
Advanced chemical methods for cultural heritage	D1ACM208	DS	DOB	1							2		2		5	E	
Synthesis and structural analysis of inorganic compounds	D1ACM209	DS	DOB	1							2		2		5	E	
Catalytic nanostructures	D1ACM210	DS	DOB	1							2		2		5	E	
Assessing and modelling of inorganic species	D1ACM211	DS	DOB	1							2		2		5	E	
Practice	D1ACM212	DS	DOB	1							2x40=80 ore					5	V
TOTAL					9	1	10	0	30		9	0	10	0	30		
DISCIPLINE FACULTATIVE																	
Research methodology and management	D1ACM213	DS	DFA	0							2		2		4	V	
TOTAL					0	0	0	0	0		2	0	2	0	4		

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Sem. I		Sem. II
	Nr. sapt./sem. data ≠ 14	12

PLAN DE ÎNVĂȚĂMÂNT – Anul II (2027-2028)

Disciplina	Cod	DF DS DC	DOB DOP DFA	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
DISCIPLINE OBLIGATORII SI OPTIONALE																	
Advanced organic chemistry	D1ACM314	DS	DOB	1	2		2		6	E							
Complements of macromolecular chemistry	D1ACM315	DS	DOB	1	2		2		6	E							
Quality management in chemistry labs	D1ACM316	DC	DOB	1	1		2		6	V							
Advanced computational chemistry	D1ACM317	DS	DOP	1	2		2		6	V							
Inorganic clusters and polymers	D1ACM318	DS	DOP	0	2		2		6	V							
Advanced biotechnologies	D1ACM319	DS	DOP	0	2		2		6	E							
Drugs and drug precursors	D1ACM320	DS	DOP	1	2		2		6	E							
Bioactive coordination compounds	D1ACM422	DS	DOB	1							2		2		6	E	
Practical activities in Organic chemistry	D1ACM423	DS	DOB	1									4		6	V	
Practical activities in Inorganic chemistry	D1ACM424	DS	DOB	1									4		6	V	
Practical activities in Analytical chemistry	D1ACM425	DS	DOB	1									4		6	V	
Preparation of the dissertation thesis	D1ACM426	DS	DOB	1									5		6	E	
TOTAL					9	0	10	0	30		2	0	19	0	30		
DISCIPLINE FACULTATIVE																	
Advanced characterization methods for materials	D1ACM321	DS	DFA	0	2		2		4	V							
TOTAL					2	0	2	0	4		0	0	0	0	0		