

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Mohammed Seddik Benyahia-Jijel
Faculty of Exact Sciences and computer sciences

Departement : Chemistry

Field : Science of Matter (SM)

Sector : Chemistry

Specialization : Level 3 Organic Chemistry

**Semester-based curriculum organization sheet for the
third year (S5 and S6)
Bachelor's Degree in Organic Chemistry**

Semester 5 : Bachelor organic chemistry, field : structure of the matter, sector : chemistry

Course units	Subjects		Credits	Coefficient	Weekly Hours			HV (15 weeks)	Other*	Assessment method	
	Code	Title			Courses	Tutorials	PA			Continuous assessment	Exam
Fundamental Course units Code : UEF13 Credits : 20 Coefficient : 10	F131	Chemistry of polyfunctional compounds	6	3	3h00	1h30		67h30	82h30	33%	67%
	F132	Introduction to heterocyclic chemistry	4	2	1h30	1h30		45h00	55h00	33%	67%
	F133	Methodes of extraction and separation by chromatography	6	3	3h00	1h30		67h30	82h30	33%	67%
	F134	Electrochemistry	4	2	1h30	1h30		45h00	55h00	33%	67%
Methodologic courses Code : UEM13 Credits : 06 Coefficient : 04	M131	Practical Assignments of Technique of separation	3	2			1h30	22h30	52h30	50%	50%
	M134	Practical Assignments of organic Synthesis	3	2			1h30	22h30	52h30	50%	50%
Discovery courses Code : UED13 Credits : 02 Coefficient : 02	D131	bio-organique chemistry	2	2	1h30			22h30	27h30		100%
Transversal courses Code : UET13 Credits : 02 Coefficient : 01	T131	Entrepreneurship	2	1	1h30			22h30	27h30		100%
Total semester 5			30	17	12h00	06h00	03h00	315h00	435h00		

Other*: additional work in biannual consultation

Semester 6 : Bachelor organic chemistry, field : structure of the matter, sector : chemistry

Course units	Subjects		Credits	Coefficient	Weekly Hours			HV(15 weeks)	other	Assessment method	
	Code	Title			Cours es	Tutori als	PA			Continuous assessment	Exam
Fundamental Course units Code : UEF23 Credits : 20 Coefficient : 10	F231	Organic retrosynthesis	6	3	3h00	1h30		67h30	82h30	33%	67%
	F232	Spectroscopic Techniques and molecular characterisation	6	3	3h00	1h30		67h30	82h30	33%	67%
	F233	Chemistry of natural products	4	2	1h30	1h30		45h00	55h00	33%	67%
	F236	Theoretical chemistry applied to chemical reactions	4	2	1h30	1h30		45h00	55h00	33%	67%
Methodologic courses Code : UEM23 Credits : 06 Coefficient : 04	M233	PA Surface Chemistry and Catalysis	3	2			1h30	22h30	52h30	50%	50%
	M234	Molecular Modeling	3	2			1h30	22h30	52h30	50%	50%
Discovery courses Code : UED23 Credits : 02 Coefficient : 02	D231	Industrial Organic Chemistry	2	2	1h30			22h30	27h30		100%
Transversal courses Code : UET23 Credits : 02 Coefficient : 01	T231	English	2	1	1h30			22h30	27h30		100%
Total semester 6			30	17	12h00	06h00	03h00	315h00	435h00		

Other*: additional work in biannual consultation