

Department of Chemistry

بهشی کیمیا

First Year

Code	Module	یەكە Units	ژمارەى كاتژمێر له هەفتەیهكدا Hours / Week			بابەت
			تێوری Lecture	پراكتیکی Lab	گفتوگۆ Tutorial	
SCh101	Information Technology	4	1	2	-	
SCh102	English Language	6	2	2	-	
SCh103	Kurdology	4	2	-	-	
SCh104	Academic Debate & Critical thinking	4	1	2	-	
SCh105	Analytical Chemistry	6	2	3	-	
SCh106	Inorganic Chemistry	4	2	-	-	
SCh107	Physics for Chemist	6	2	2	-	
SCh108	Mathematics	4	2	-	-	
SCh109	Safety and Chemical Hazards	2	1	-	-	
Total		40	15	11	-	کۆى گشتى

Second Year

Code	Module	یہ کہہ Units	نمبرہ ی کاتر مینر لہ ہفتہ یہ کدا Hours / Week			بابہ ت
			تپوری Lecture	پراکتیکی Lab	گفتوگو Tutorial	
SCh201	Organic Chemistry	8	3	3	-	
SCh202	Physical Chemistry	8	3	3	-	
SCh203	Inorganic Chemistry	6	2	3	-	
SCh204	Analytical Chemistry	6	2	3	-	
SCh205	Mathematics	4	2	-	-	
Total		32	12	12	-	کوی گشتی

Mathematics: Differential Equations, Statistics & Matric for Chemist

Third Year

Code	Module	یہ کہہ Units	نمبرہ ی کاتر مینر لہ ہفتہ یہ کدا Hours / Week			بابہ ت
			تپوری Lecture	پراکتیکی Lab	گفتوگو Tutorial	
SCh301	Organic Chemistry	8	3	3	-	
SCh302	Inorganic Chemistry	8	3	3	-	
SCh303	Physical Chemistry	8	3	3	-	
SCh304	Biochemistry	8	3	3	-	
SCh305	Industrial Chemistry (1 st semester)	2	2	-	-	
SCh310	Petroleum Chemistry (2 st semester)	3	2	3	-	
SCh306	Separation Method	4	2	-	-	
Total		41	18	15	-	کوی گشتی

Fourth Year

Code	Module	یہکے Units	ژماره ی کاتر میتر له ههفته به کدا Hours / Week			بابهت
			تیوری Lecture	پراکتیکی Lab	گفتوگۆ Tutorial	
SCh401	Instrumental Analysis	6	2	3	-	
SCh402	Polymer Chemistry	8	3	3	-	
SCh403	Organic Chemistry	6	2	3	-	
SCh404	Quantum Chemistry	6	3	-	-	
SCh405	Biochemistry	4	2	-	-	
SCh406	Elective (1 st course)	2	2	-	-	
SCh410	Elective (2 st course)	2	2	-	-	
SCh407	Research project	4	1	2	-	
Total		38	17	11	-	کۆی گشتی

Elective (1st course)

1. Natural Product
2. Organometallic Chemistry
3. Surface Chemistry
4. Industrial Pollution
5. Corrosion Chemistry
6. Bioinorganic Chemistry

Elective (2st course)

1. Nuclear Chemistry
2. Radio Chemistry
3. Heterocyclic Chemistry
4. Photochemistry
5. Environmental Chemistry
6. Clinical Biochemistry
7. Food Analysis