



Adiyaman Üniversitesi
FACULTY OF SCIENCE AND LITERATURE
Department Of Chemistry
Kimya

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 101	ATATÜRK'S PRINCIPLES AND HISTORY OF THE REVOLUTIONS I	2+0+0	Compulsory	2
ENF 101	BASIC INFORMATION TECHNOLOGY	2+0+0	Compulsory	2
FİZ 101	GENERAL PHYSICS I	4+0+0	Compulsory	5
KİM 101	GENERAL CHEMISTRY I	4+2+0	Compulsory	7
KİM 103	GENERAL CHEMISTRY LABORATORY I	0+4+0	Compulsory	4
MAT 101	GENERAL MATHEMATICS I	4+0+0	Compulsory	5
TD 101	TURKISH LANGUAGE I	2+0+0	Compulsory	2
YD 101	FOREIGN LANGUAGE I	2+0+0	Compulsory	3
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 102	ATATÜRK'S PRINCIPLES AND HISTORY OF THE REVOLUTIONS II	2+0+0	Compulsory	2
FİZ 102	GENERAL PHYSICS II	4+0+0	Compulsory	5
KİM 102	GENERAL CHEMISTRY II	4+2+0	Compulsory	7
KİM 104	GENERAL CHEMISTRY LABORATORY II	0+4+0	Compulsory	4
KİM 106	OCCUPATIONAL HEALTH AND LABORATORY SAFETY	2+0+0	Compulsory	2
MAT 102	GENERAL MATHEMATICS II	4+0+0	Compulsory	5
TD 102	TURKISH LANGUAGE II	2+0+0	Compulsory	2
YD 102	FOREIGN LANGUAGE (ENGLISH) II	2+0+0	Compulsory	3
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 221	ANALYTICAL CHEMISTRY I	4+0+0	Compulsory	6
KİM 223	ANALYTICAL CHEMISTRY LABORATORY I	0+4+0	Compulsory	4
KİM 231	ORGANIC CHEMISTRY I	4+0+0	Compulsory	6
KİM 251	INORGANIC CHEMISTRY I	4+0+0	Compulsory	6
KİM 201	VOCATIONAL FOREIGN LANGUAGE I	2+0+0	Elective	4
KİM 203	MATHEMATICS FOR CHEMISTS	3+0+0	Elective	4
Total ECTS				30

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 222	ANALYTICAL CHEMISTRY II	4+0+0	Compulsory	6
KİM 224	ANALYTICAL CHEMISTRY LABORATORY II	0+4+0	Compulsory	4
KİM 232	ORGANIC CHEMISTRY II	4+0+0	Compulsory	6
KİM 252	INORGANIC CHEMISTRY II	4+0+0	Compulsory	6
SEÇ 1	Elective Lesson	0+0+0	Elective	8
Total ECTS				30
KİM 202	VOCATIONAL FOREIGN LANGUAGE II	2+0+0	Elective	4
KİM 234	ORGANIC SPECTRAL ANALYSIS	3+0+0	Elective	4

5.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 321	INSTRUMENTAL ANALYSIS	4+0+0	Compulsory	4
KİM 331	ORGANIC CHEMISTRY III	4+0+0	Compulsory	6
KİM 333	ORGANIC CHEMISTRY LABORATORY I	0+4+0	Compulsory	4
KİM 341	PHYSICAL CHEMISTRY I	4+0+0	Compulsory	7
KİM 353	INORGANIC CHEMISTRY LABORATORY	0+4+0	Compulsory	4
KİM 361	BIOCHEMISTRY I	4+0+0	Compulsory	5
Total ECTS				30

6.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 322	INSTRUMENTAL ANALYSIS LABORATORY	0+4+0	Compulsory	4
KİM 336	COMPUTER APPLICATIONS IN CHEMISTRY	2+2+0	Compulsory	4
KİM 342	PHYSICAL CHEMISTRY II	4+0+0	Compulsory	7

KİM 362	BIOCHEMISTRY II	4+0+0	Compulsory	7
SEÇ 2	Elective Lesson	2+0+0	Elective	8
			Total ECTS	30
KİM 370	TOXIC METAL CHEMISTRY (ELECTIVE)	2+0+0	Elective	4
KİM 372	SEPARATION METHODS IN CHEMISTRY (ELECTIVE)	2+0+0	Elective	4
KİM 374	SOLID STATE CHEMISTRY (ELECTIVE)	2+0+0	Elective	4
KİM 376	ENVIRONMENTAL CHEMISTRY (ELECTIVE)	2+0+0	Elective	4
7.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 401	SEMINAR	0+2+0	Compulsory	2
KİM 403	POLYMER CHEMISTRY I	2+0+0	Compulsory	4
KİM 443	PHYSICAL CHEMISTRY III	4+0+0	Compulsory	5
KİM 453	INORGANIC INDUSTRIAL CHEMISTRY	2+0+0	Compulsory	4
KİM 463	BIOCHEMISTRY LABORATORY	0+4+0	Compulsory	3
SEÇ 3	Elective Lesson	2+0+0	Elective	12
			Total ECTS	30
KİM 471	ORGANOMETAL CHEMISTRY (ELECTIVE)	2+0+0	Elective	6
KİM 473	ELECTROCHEMISTRY(ELECTIVE)	2+0+0	Elective	6
KİM 475	ORGANIC REACTION MECHANISMS (ELECTIVE)	2+0+0	Elective	6
KİM 477	ENZYME BIOTECHNOLOGY (ELECTIVE)	2+0+0	Elective	6
KİM 479	FOOD CHEMISTRY (ELECTIVE)	2+0+0	Elective	6
8.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
KİM 402	GRADUATION STUDY	0+2+0	Compulsory	6
KİM 432	ORGANIC INDUSTRIAL CHEMISTRY	2+0+0	Compulsory	4
KİM 434	HETEROCYCLIC COMPOUNDS	2+0+0	Compulsory	4
KİM 442	PHYSICAL CHEMISTRY LABORATORY	0+4+0	Compulsory	4
SEÇ 4	Elective Lesson	0+0+0	Elective	12
			Total ECTS	30
KİM 472	PHARMACEUTAL CHEMISTRY AND DRUG SYNTHESIS(ELECTIVE)	2+0+0	Elective	6
KİM 474	CHEMICAL KINETICS (ELECTIVE)	2+0+0	Elective	6
KİM 476	TRANSPORT SYSTEMS (ELECTIVE)	2+0+0	Elective	6
KİM 478	SIGN LANGUAGE	1+2+0	Elective	6
KİM 480	SEMICONDUCTOR'S CHEMISTRY (ELECTIVE)	2+0+0	Elective	6
KİM 482	CHEMICAL ANALYSIS METHODS IN FOOD CHEMISTRY (ELECTIVE)	2+0+0	Elective	6
KİM 486	TEXTILE CHEMISTRY (ELECTIVE)	2+0+0	Elective	6
KİM 488	POLYMER CHEMISTRY II	2+0+0	Elective	6