



ADIYAMAN UNIVERSITY
FACULTY OF ARTS AND SCIENCE
DEPARTMENT OF CHEMISTRY
INTRODUCTION BOOKLET

2006

2026-2027

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Our Department

Department of chemistry was established in 2001 as affiliated to Inonu University and in 2006 it was affiliated to Adiyaman University Faculty of Arts and Sciences. Our department started education in the 2008-2009 academic year. In chemistry department, there are five primary research areas which are Analytical Chemistry, Inorganic Chemistry, Biochemistry, Physical chemistry and Organic Chemistry. There are 4 professors, 2 associate professor in our department.



Head of Department Prof. Dr. Gamze BARIM

Assistants to Head of Department Assoc. Prof. Dr. Hasan KARADAĞ

Academic Staff

Prof. Dr. Adnan KURT

Prof. Dr. Cumhuri Kırılmış

Prof. Dr. Beyhan Yiğit

Prof. Dr. Gamze BARIM

Assoc. Prof. Dr. Hasan KARADAĞ

Assoc. Prof. Dr. Murat GENÇ

Department Secretary

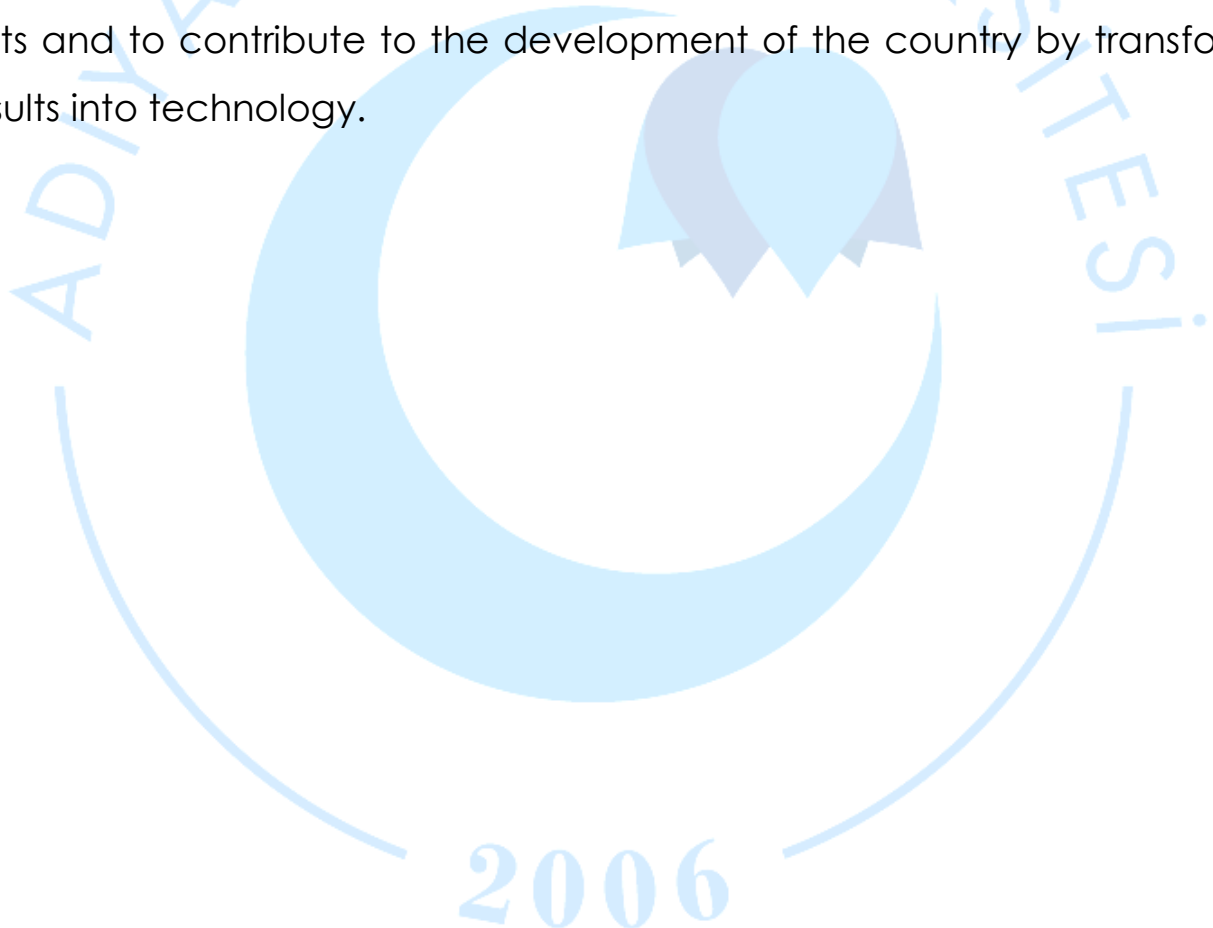
Gülhan BÜTÜNER

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Mission & Vision

Mission

The mission of our department is to train researchers and practitioners who can adapt to the competitive order of the modern world, have high self-confidence, strong entrepreneurial aspect. In addition, it is to be aware of the problems faced by humanity, to make researches on these issues, to produce projects and to contribute to the development of the country by transforming the results into technology.



Vision

Our vision is to educate chemists who will be successful anywhere on the world, to create a competitive environment to bring chemistry education and research to an equivalent level with the world's qualified universities, to make new research with its research infrastructure and competent teaching staff, to produce information and to present this information to the benefit of humanity.



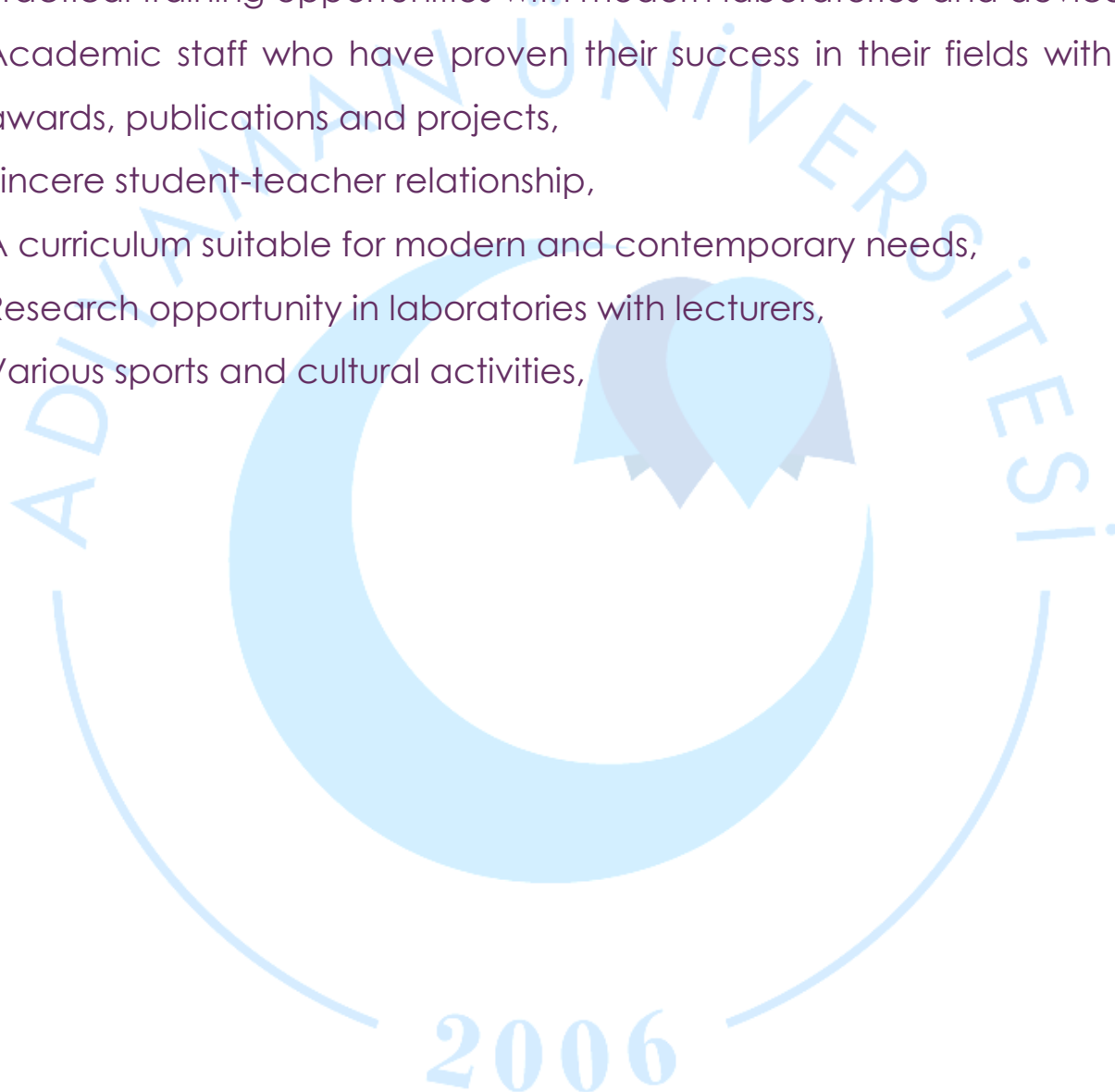
Importance of Chemistry Departments

Chemistry is a science that studies all substances in nature. It especially examines the structures of substances and their interactions with each other. Chemical research leads to new products ranging from drugs to multicolored television screens. Chemistry, biotechnology, molecular biology, pharmacy, environmental, material sciences etc. it contributes and therefore occupies a central place in modern science. Chemistry, leads the development of other sciences and technology. In addition to creating scientific research knowledge in the field of chemistry, it will always maintain its importance by offering new products for the benefit of technology and the humanity

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Why Chemistry Department

- ✓ Strong infrastructure and research,
- ✓ Practical training opportunities with modern laboratories and devices
- ✓ Academic staff who have proven their success in their fields with many awards, publications and projects,
- ✓ Sincere student-teacher relationship,
- ✓ A curriculum suitable for modern and contemporary needs,
- ✓ Research opportunity in laboratories with lecturers,
- ✓ Various sports and cultural activities,



Employment Opportunities for Our Graduates

- **Chemical Industry;** Research & Development and quality control laboratories.
- **Pharmaceutical Industry;** Research & Development, quality control laboratories, marketing product managers.
- **Environmental and Health Laboratories**
- **Textile and Paint Industry**
- **Food Sector;** quality control, product development and marketing departments.
- **Polymer Industry;** coating and plastics industries.
- **Chemistry Teacher** (If pedagogical formation is taken)

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Our Highest and Lowest Placement Scores According to Central Placement

Our department has not accepted students, with the
decision of YOK since 2011

Year	Lowest Scores	Highest Scores
2008	266	-
2009	242	272
2010	227	299
2011	227	370

Our Course Catalog

Kodu	Dersin Adı	T	U	K	AKTS	Kodu	Dersin Adı	T	U	K	AKTS
I. YARIYIL						II. YARIYIL					
FİZ 101	Genel Fizik I	4	0	4	5	FİZ 102	Genel Fizik II	4	0	4	5
KİM 101	Genel Kimya I	4	2	5	7	KİM 102	Genel Kimya II	4	2	5	7
MAT101	Genel Matematik I	4	0	4	5	MAT102	Genel Matematik II	4	0	4	5
KİM 103	Genel Kimya Laboratuvarı I	0	4	1	4	KİM 104	Genel Kimya Laboratuvarı II	0	4	1	4
TD 101	Türk Dili I	2	0	2	2	TD 102	Türk Dili II	2	0	2	2
YD 101	Yabancı Dil (İngilizce)	3	0	3	3	YD 102	Yabancı Dil (İngilizce)	3	0	3	3
ALİT 101	Atatürk İlkeleri ve İnkılap Tarihi I	2	0	2	2	ALİT 102	Atatürk İlkeleri ve İnkılap Tarihi II	2	0	2	2
TBT 101	Temel Bilgi Teknolojileri	2	2	3	2	KİM 106	İş Sağlığı ve Laboratuvar Güvenliği	2	0	2	2
Toplam		21	8	24	30	Toplam		21	6	23	30
III. YARIYIL						IV. YARIYIL					
KİM 231	Organik Kimya I	4	0	4	6	KİM 232	Organik Kimya II	4	0	4	6
KİM 221	Analitik Kimya I	4	0	4	6	KİM 222	Analitik Kimya II	4	0	4	6
KİM 223	Analitik Kimya Laboratuvarı I	0	4	1	4	KİM 224	Analitik Kimya Laboratuvarı II	0	4	1	4
KİM 201	Mesleki Yabancı Dil I	2	0	2	4	KİM 202	Mesleki Yabancı Dil II	2	0	2	4
KİM 251	Anorganik Kimya I	4	0	4	6	KİM 252	Anorganik Kimya II	4	0	4	6
KİM 203	Kimyacılar için Matematik	3	0	3	4	KİM 234	Organik Spektral Analiz	3	0	3	4
Toplam		17	4	18	30	Toplam		17	4	18	30
V. YARIYIL						VI. YARIYIL					
KİM 331	Organik Kimya III	4	0	4	6	KİM 322	Enstrümental Analiz Laboratuvarı	0	4	1	4
KİM 333	Organik Kimya Laboratuvarı	0	4	1	4	KİM 342	Fizikokimya II	4	0	4	7
KİM 341	Fizikokimya I	4	0	4	7	KİM 362	Biyokimya II	4	0	4	7
KİM 361	Biyokimya I	4	0	4	5	KİM 336	Bilgisayarın Kimyadaki Uygulamaları	2	2	3	4
KİM 321	Enstrümental Analiz	4	0	4	4	KİM 3**	Seçmeli Ders1	2	0	2	4
KİM 353	Anorganik Kimya Laboratuvarı	0	4	1	4	KİM 3**	Seçmeli Ders2	2	0	2	4
Toplam		16	8	18	30	Toplam		14	6	16	30
VII. YARIYIL						VIII. YARIYIL					
KİM 403	Polimer Kimyası I	2	0	2	4	KİM 432	Organik Endüstriyel Kimya	2	0	2	4
KİM 453	Anorganik Endüstriyel Kimya	2	0	2	4	KİM 442	Fizikokimya Laboratuvarı	0	4	1	4
KİM 443	Fizikokimya III	4	0	4	5	KİM 402	Bitirme Ödevi	0	2	1	6
KİM 463	Biyokimya Laboratuvarı	0	4	1	3	KİM 434	Heterosiklik Bileşikler	2	0	2	4
KİM 401	Seminer	0	2	1	2	KİM 4**	Seçmeli Ders 1	2	0	2	6
KİM 4**	Seçmeli Ders1	2	0	2	6	KİM 4**	Seçmeli Ders 2	2	0	2	6
KİM 4**	Seçmeli Ders2	2	0	2	6	Toplam		8	6	10	30
Toplam		12	6	14	30	GENEL TOPLAM					
										141	240

Kısaltmalar: T = Haftalık teorik ders saati; U = Haftalık uygulama ders saati; K = Dersin Kredisi; AKTS= Avrupa Kredi Transfer Sistemi

**VI. YARIYIL SEÇMELİ DERSLERİ

KİM 370	Toksik Metal Kimyası	2	0	2	4
KİM 372	Kimyada Ayırma Yöntemleri	2	0	2	4
KİM 374	Katı Hal Kimyası	2	0	2	4
KİM 376	Çevre Kimyası	2	0	2	4

**VII. YARIYIL SEÇMELİ DERSLERİ

KİM 471	Organometal Kimyası	2	0	2	6
KİM 473	Elektrokimya	2	0	2	6
KİM 475	Organik Reaksiyon Mekanizmaları	2	0	2	6
KİM 477	Enzim Biyoteknolojisi	2	0	2	6
KİM 479	Gıda Kimyası	2	0	2	6

**VIII. YARIYIL SEÇMELİ DERSLERİ

KİM 472	Farmasötik Kimya ve İlaç Sentezi	2	0	2	6
KİM 474	Kimyasal Kinetik	2	0	2	6
KİM 476	Transport Sistemleri	2	0	2	6
KİM 480	Yarı İletkenler Kimyası	2	0	2	6
KİM 482	Gıda Maddelerinde Kimyasal Analiz Metodları	2	0	2	6
KİM 486	Tekstil Kimyası	2	0	2	6
KİM 488	Polimer Kimyası II	2	0	2	6

Chemistry Department Laboratories

Instrumental Analysis Laboratory



Student Laboratory I.



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Student Laboratory II.



Research Laboratory I.



Research Laboratory II.



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