ACADEMIC CURRICULUM VITAE

1. Name & Surname: Süleyman AŞIR

2. Academic Title: Assoc. Prof. Dr.

3. Educational Background:

Degree	Department / Program	University	Year
Bachelor's	Chemistry	Hacettepe Üniversitesi	2002
Master's	Chemistry - Biochemistry	Hacettepe Üniversitesi	2004
PhD	Chemistry - Organic Chemistry	Eastern Mediterranean University	2009

4. Master & PhD Theses

4.1. Master's Thesis Title and Supervisor(s): Preparation of Ion-Selective Imprinted Polymeric Monolith for Cadmium Detoxification from Human Plasma, Supervisor: Prof. Dr. Adil Denizli

4.2. PhD Thesis Title and Supervisor(s): The Synthesis of Chiral Perylene and Naphthalene Diimides, Supervisor: Prof. Dr. Huriye Icil, Co-supervisor: Prof. Dr. Ayhan S. Demir (from METU-Ankara)

5. Academic Titles:
> Assistant Professorship Date: 21/12/2015
> Associate Professorship Date: 11/04/2022
> Professorship Date: -

6. Supervised Master and PhD Theses:
> **6.1.** Master's Theses

1. Electrochemical Determination of Adriamycin- DNA Interaction Using Fe_3O_4 Nanoparticles Modified Carbon Paste Electrode, Minwer E'waysi Bseibes Alsarhan, 2020.
2. Effect of Iron Oxide Nanoparticles on the Prediction of Ferricyanide Concentration by Carbon Paste Electrode Using Machine Learning, Najya Maarof Saleem Saleem, 2021.
3. Synthesis of Sulfamethoxazole Surface Imprinted Core-Shell Magnetic Nanoparticles for Selective Detection of Sulfamethoxazole in Poultry by an Electrochemical Sensor, Tuleen Faridon Bahjat Shegem, 2021.
4. Investigating temperature and sunlight effects on cold pressed olive oil using voltammetric determination of a-tocopherol levels, Fevziye Dindar, 2021.
5. Electrochemical Determination of Dopamine in the Presence of Ascorbic Acid Using Machine Learning Technique, Chukwuebuka Ikpeama C, 2023.
6. Electrochemical Detection of Aluminum By Pencil Graphite Electrode Coated With a Molecularly Imprinted Polymer, Mariam Moghazi, 2024.
7. Bibliographic Analysis of Stem Cell - Natural Biopolymers Interaction for Tissue Engineering and Regenerative Medicine, Farah Elbarghathi, 2024.
8. Development of a MIP-Based Electrochemical Sensor for a Cancer Biomarker Adenosine, Fatma Hacıoğulları, 2024.
9. Electrochemical Detection Of Cu2+ By Using Pencil Graphite Electrode Coated With an Ion Imprinted Polymer, Francine Tshienda Muika, 2024.
10. Integration of Diagnostic Technology for Heart Disease (Myocardial Infarction) Using Artificial Intelligence to Improve Cardiovascular Healthcare, Mustafa Jamal Ajmed, 2024.
11. Breast Cancer Prediction From Gene Expression Patterns Using State-Of-Theart Deep Learning Networks, Mohaimen Oday Hazim Alrawi, 2025.
12. Study of Lactate Dehydrogenase Levels in Patients with Beta Thalassemia Major Before and After Blood Transfusion in Different Ages, Elaf Abdulsattar Al-Hasan, 2025.

13. An Advanced Hybrid Model Based on Transfer Learning : Utilizing ResNet-50 and Support Vector Machine for Melanoma Detection in Dermoscopic Images, Ali Hayder Jawad Mahfoodh, 2025.
14. Predicting Heart Attacks with Deep Neural Networks Using Lstm with ant Colony Optimzer, Ammar Malik Kadhim Kadhim, 2025.
15. Assessing Vitamin D Levels, Vitamin D Receptor, and Vitamin D Binding Protein in Iraqi Men with Type 2 Diabetes, Mohammed Jawad Kadhim Al-Maliki, 2025.
16. Development of an Electrochemical Biosensor for Cadmium Ions by Using Molecularly Imprinted Magnetic Nanoparticles, Fulya Yonucu, 2025.
17. Hepatitis C Detection Using Optimized Perceptron Neural Network with the Penguin Optimization Algorithm, Karrar Raed Kadhim Al Dulaimi, 2025.
18. Automated Brain Tumor and Glioma Detection in MRI Scans Using YOLOv10 and YOLOv11 Models, Abdullah Masood Hany, 2025.

6.2. PhD Theses
1. Electrochemical Detection of DNA and Their Interaction with Chemical Compounds, Pwadubashiyi Coston Pwavodi, 2021.
2. Determination of Multi-Pesticide Residues in Honey with a Modified Quechers Procedure Followed by LC-MS/MS and GC/MS-MS, Beste Oymen, 2022.
3. Gold-Modified Molecularly Imprinted N-Methacryloyl-(L)-Phenylalanine Containing Electrodes for Electrochemical Detection of Dopamine, Nemah Abushama , 2022.
4. Development of a Plasmonic Sensor for a Chemotherapeutic Agent Cabazitaxel, Buse Uğur, 2023.
5. Enhancing the Accuracy of Emotional Recognition Based on EEG Signals by Convolution Fuzzy Neural Network, Nasim Ahmadzadeh Nobari Azar, 2024.
6. Artificial Intelligence Powered Detection of Tuberculosis, Ibrahim Omoyayi Omodamilola (Saleh), 2025.

7. Publications
   7.1. Articles published in international peer-reviewed journals (SCI, SSCI, AHCI, ESCI, Scopus)
1- Karagözlü, M., Miari, D. E., Moghazi, M., Aşır, S., Göktürk, I., Yılmaz, F., ... & Türkmen, D. (2026). **Development of a Molecularly Imprinted Pencil Graphite Electrode for the Voltammetric Detection of Hg2+ Ions**. *ACS Omega*.
2- Ahmad, B. I., Ismail, S., Caleb, J., Asir, S., & Usman, A. G. (2025). **Smartphone digital image colorimetry couple with chemometric approach for determination of boron in nuts prior to deep eutectic solvent liquid–liquid microextraction: a first application of hybrid chemometrics in SDIC**. *Analytical Sciences*, *41*(4), 403-418.
3- Pandey, M., Deshmukh, K., Kaur, P., Zidan, A., Aşır, S., Singh, S., ... & Kumar, N. (2025). **Recent advances in mesoporous nanostructured materials and nanohybrids for supercapacitor applications: a review**. *Sustainable Energy & Fuels*.
4- AŞIR, S., Shama, N. A., SALEEM, N., Kayali, D., & Dimililer, K. (2025). **Machine Learning Models Approach for the Quantitative Classification of Ferricyanide Compound Using Electrochemical Detection with CPE-Fe3O4NPs**. *Turkish Journal of Electrical Engineering and Computer Sciences*, *33*(1), 15-31.
5- Omodamilola, I., Ibrahim, A. U., Aşır, S., & Al-Turjman, F. (2024). **Applied artificial intelligence and prospect of internet of everything (IoE) for the detection of tuberculosis**. *Applied Artificial Intelligence*, *38*(1), 2358654.
6- Yılmaz, F., Shama, N. A., Aşır, S., Çobanoğulları, H., Yolac, E., Kiraz, A., ... & Turkmen, D. (2024). **Gold nanoparticle-modified molecularly imprinted polymer-coated pencil graphite electrodes for electrochemical detection of bisphenol A**. *ACS omega*, *10*(1), 740-753.
7- Göktürk, I., Aşır, S., Türkmen, D., Denizli, A., & Yılmaz, F. (2024). **Molecularly imprinted biomimetic plasmonic sensor decorated with gold nanoparticles for selective and sensitive detection of bisphenol A**. *Talanta Open*, *10*, 100379.

8- Karagözlü, M., Aşır, S., Abu Shama, N., Göktürk, I., Yılmaz, F., Türkmen, D., ... & Özgören, M. (2024). **Development of molecularly imprinted magnetic amino acid-based nanoparticles for voltammetric analysis of lead ions in honey**. *Polymers*, *16*(13), 1782.

9- Ahmadzadeh Nobari Azar, N., Cavus, N., Esmaili, P., Sekeroglu, B., & Aşır, S. (2024). **Detecting emotions through EEG signals based on modified convolutional fuzzy neural network**. *Scientific Reports*, *14*(1), 10371.

10- Omoyayi, I. O., Aşır, S., & Ibrahim, A. U. (2024). **Optimizing Drug Delivery Vehicle with Multi-Criteria Decision Making (MCDM)-Based Excipient Selection**. *Jordan Journal of Pharmaceutical Sciences*, *17*(1).

11- Karagözlü, M., Adun, P., Ozsoz, M., & Aşır, S. (2024). **Detection of adulteration in cold-pressed olive oil by voltammetric analysis of alpha-tocopherol on single-use pencil graphite electrode**. *International Journal of Food Science and Technology*, *59*(3), 1781-1788.

12- Shama, N. A., Aşır, S., Göktürk, I., Yılmaz, F., Türkmen, D., & Denizli, A. (2023). **Electrochemical Detection of Cortisol by Silver Nanoparticle-Modified Molecularly Imprinted Polymer-Coated Pencil Graphite Electrodes**. ACS omega, 8(32), 29202-29212.

13- Oymen, B., Jalilzadeh, M., Yılmaz, F., Aşır, S., Türkmen, D., & Denizli, A. (2023). **Simple and Fast Pesticide Nanosensors: Example of Surface Plasmon Resonance Coumaphos Nanosensor**. Micromachines, 14(4), 707.

14- Koç, İ., Şarkaya, K., Türkmen, D., Aşır, S., & Denizli, A. (2023). **Preparation of Immobilised 17β-Estradiol-Imprinted Nanoparticles onto Bacterial Cellulose Nanofibres to Use for the Removal of 17β-Estradiol from Wastewater**. Polymers, 15(5), 1201.

15- Kayali, D., Shama, N. A., Asir, S., & Dimililer, K. (2023). **Machine learning-based models for the qualitative classification of potassium ferrocyanide using electrochemical methods**. The Journal of Supercomputing, 1-20.

16- Aşır, S., Uğur, B., Jalilzadeh, M., Göktürk, I., & Türkmen, D. (2022). **Development of a Plasmonic Sensor for a Chemotherapeutic Agent Cabazitaxel**. ACS omega, 8(1), 492-501.

17- Kannin, D., Moghazi, M., Aşır, S., Büyük, S., & Kaba, Ş. (2022). **Viral Nano-Bio-Sensing and SARS-CoV-2: A Literature Review**. Cyprus Journal of Medical Sciences, 7(5).

18- Ektirici, S., Kurç, O., Jalilzadeh, M., Aşır, S., & Türkmen, D. (2022). **Computational investigation of the monomer ratio and solvent environment for the complex formed between sulfamethoxazole and functional monomer methacrylic acid**. ACS omega, 7(20), 17175-17184.

19- Abu Shama, N., Aşır, S., Ozsoz, M., Göktürk, I., Türkmen, D., Yılmaz, F., & Denizli, A. (2022). **Gold-Modified Molecularly Imprinted N-Methacryloyl-(l)-phenylalanine-containing Electrodes for Electrochemical Detection of Dopamine**. Bioengineering, 9(3), 87.

20- Asir, S., Bakhshpour, M., Unal, S., & Denizli, A. (2022). **Nanoparticle-based plasmonic devices for bacteria and virus recognition. In Modern Practical Healthcare Issues in Biomedical Instrumentation** (pp. 167-183). Academic Press.

21- Oymen, B., Aşır, S., Türkmen, D., & Denizli, A. (2022). **Determination of multi-pesticide residues in honey with a modified QuEChERS procedure followed by LC-MS/MS and GC-MS/MS**. Journal of Apicultural Research, 1-13.

22- Türkmen, D., Bakhshpour, M., Göktürk, I., Aşır, S., Yılmaz, F., & Denizli, A. (2021). **Selective dopamine detection by SPR sensor signal amplification using gold nanoparticles**. *New Journal of Chemistry*, 45(39), 18296-18306.

23- Refiker, H., & Asir, S. (2021). **HEALTH PROMOTING BREAD; COMPRISING NATURAL-MIRACLE ANTHOCYANINS**. *Journal of microbiology, biotechnology and food sciences*, *10*(5), e3354-e3354.

24- Pwavodi, P. C., Ozyurt, V. H., Asir, S., & Ozsoz, M. (2021). **Electrochemical Sensor for Determination of Various Phenolic Compounds in Wine Samples Using Fe_3O_4 Nanoparticles Modified Carbon Paste Electrode**. *Micromachines*, *12*(3), 312.

25- Shama, N. A., Asir, S., Dimililer, K., & Özsöz, M. (2020, October). **Potassium Ferro cyanide electrochemically detected by Differential Pulse and Square Wave Voltammetry in a Competition using Gradient Boosting as Machine Learning Algorithm**. In *2020 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)* (pp. 1-4). IEEE.

26- Şarkaya, K., Aşir, S., Göktürk, I., Yilmaz, F., Yavuz, H., & Denizli, A. (2020). **Electrochromatographic separation of hydrophobic amino acid enantiomers by molecularly imprinted capillary columns**. *Process Biochemistry*, *92*, 69-77.

27- Şarkaya, K., Aşir, S., Göktürk, I., Ektirici, S., Yilmaz, F., Yavuz, H., & Denizli, A. (2020). **Separation of histidine enantiomers by capillary electrochromatography with molecularly imprinted monolithic columns**. *Separation Science Plus*, *3*(6), 235-245.

28- Asir, S., Dimililer, K., Kirsal-Ever, Y., Özsöz, M., & Shama, N. A. (2019, October). **Electrochemical determination of potassium ferricyanide using artificial intelligence**. In *2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)* (pp. 1-4). IEEE.

29- Mubarak, A. S., Süleyman, A., & Mehmet, O. (2019, August). **Development of CNN Model for Prediction of CRISPR/Cas12 Guide RNA Activity**. In *International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions* (pp. 697-703). Springer, Cham.

30- Derazshamshir, A., Aşır, S., Göktürk, I., Ektirici, S., Yılmaz, F., & Denizli, A. **"Polymethacryoyl-L-phenylalanine [PMAPA]-based Monolithic column for Capillary electrochromatography"**, *Journal of Chromatographic Science*, *57*(8), 758-765., 2019.

31- Sarı, D., Derazshamshir, A., Aşır, S., Göktürk, I., Yılmaz, F., & Denizli, A. **"Separation of D,L-Ampicillin by Ligand Exchange-Micellar Electrokinetic Chromatography"**, *Biointerface Res. Appl. Chem.*, 9: 4522-4533, 2019.

32- S. Aşır, D. Sarı, A. Derazshamshir, F. Yılmaz, K. Şarkaya, A. Denizli **"Dopamine-imprinted Monolithic Column for Capillary Electrochromatography"**, *Electrophoresis*, 38(22-23): 3003-3012, 2017.

33- S. Aşır, C. Zanardi, R. Seeber, H. İcil **"A novel unsymmetrically substituted chiral amphiphilic perylene diimide: Synthesis, photophysical and electrochemical properties both in solution and solid state"**, *Journal of Photochemistry and Photobiology A: Chemistry*, 318: 104-113, 2016.

34- S. Aşır, A. Derazshamshir, F. Yılmaz, A. Denizli **"Triazine Herbicide Imprinted Monolithic Column for Capillary Electrochromatography"**, *Electrophoresis*, 36: 2888-2895, 2015.

35- D. Özdal, S.Aşır, J. B. Bodapati, H. İcil **"Synthesis of a novel fluorescent amphiphilic chitosan biopolymer: photophysical and electrochemical behavior"**, *Photochemical & Photobiological Sciences*, 12: 1927-1938, 2013.

36- S.Aşır, Ayhan S. Demir, H. İcil **"The synthesis of novel, unsymmetrically substituted, chiral naphthalene and perylene diimides: Photophysical, electrochemical, chiroptical and intramolecular charge transfer properties"**, *Dyes and Pigments*, 84: 1-13, 2009.

37- S. Aşır, L. Uzun, D. Türkmen, R. Say and A. Denizli, **"Ion-selective imprinted superporous monolith for cadmium removal from human plasma"**, *Separation Science and Technology*, 40:3167-3185, 2005.

7.2. Articles published in other international peer-reviewed journals

1- Türkmen, D., Bakhshpour, M., Akgönüllü, S., Aşır, S., & Denizli, A. (2022). **Heavy metal ions removal from wastewater using cryogels: a review**. Front Sustain.

7.3. Papers presented at international scientific meetings and published in proceedings

1- Ozsahin, D. U., Onakpojeruo, E. P., Asir, S., Ozsahin, I., & Uzun, B. (2024, June). **Comparison of EGFR, IL-13Rα2, and EGFRvIII Bio-Receptors for the Construction of Brain Cancer-Specific Biosensors**. In *2024 Advances in Science and Engineering Technology International Conferences (ASET)* (pp. 1-6). IEEE.

2- Shirgir, B., Dimililer, K., & Asir, S. (2023, December). **Applications of artificial intelligence in biosensors**. In *International Symposium on Intelligent Informatics* (pp. 299-315). Singapore: Springer Nature Singapore.

3- Shama, N. A., Asir, S., Dimililer, K., & Özsöz, M. (2020, October). **Potassium Ferro cyanide electrochemically detected by Differential Pulse and Square Wave Voltammetry in a**

Competition using Gradient Boosting as Machine Learning Algorithm. In *2020 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)* (pp. 1-4). IEEE.

4- Asir, S., Dimililer, K., Kirsal-Ever, Y., Özsöz, M., & Shama, N. A. (2019, October). **Electrochemical determination of potassium ferricyanide using artificial intelligence**. In *2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)* (pp. 1-4). IEEE.

5- Mubarak, A. S., Süleyman, A., & Mehmet, O. (2019, August). **Development of CNN Model for Prediction of CRISPR/Cas12 Guide RNA Activity**. In *International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions* (pp. 697-703). Springer, Cham.

7.4. National/international books or book chapters

1- Aşır, S., Agbor, V. O., Göktürk, I., Yılmaz, F., Türkmen, D., & Denizli, A. (2026). **Upconversion nanoparticles for biosensing and bioassays**. **In** *Upconversion Nanoparticles for Biomedical Applications* (pp. 341-410). Woodhead Publishing.

2- Karagözlü, M., Aşır, S., Türkmen, D., Zidan, A., Hacıoğulları, F., & Denizli, A. (2024). **Functionalized magnetic nanoparticles based hybrid systems for theranostics.** *Functionalized magnetic nanoparticles for theranostic applications*, 173-212.

3- Aşır, S., Türkmen, D., Ovezova, M., Göktürk, I., Yılmaz, G. E., & Yılmaz, F. (2024). **The Detection of Chemical and Biological Threat Agents Using Nanomaterial-Based Plasmonic Nanosensors**. **In** *Plasmonic Nanosensors for Biological and Chemical Threats* (pp. 226-244). CRC Press.

4- Asir, S., Bakhshpour, M., Unal, S., & Denizli, A. (2022). **Nanoparticle-based plasmonic devices for bacteria and virus recognition. In Modern Practical Healthcare Issues in Biomedical Instrumentation** (pp. 167-183). Academic Press.

7.5. Articles published in national peer-reviewed journals

1- Zidan, A., & Süleyman, A. Ş. I. R. (2023). **Programmable living nanorobots**. Hacettepe Journal of Biology and Chemistry, 51(2), 183-190.

2- A. A. Topçu, S. Aşır, D. Türkmen "DNA Purification by Solid Phase Extraction (SPE) Methods", *Hacettepe Journal of Biology and Chemistry*, 44(3): 259-266, 2016.

8. Art and Design Activities

9. Projects

1- 2025 - Present, NEU - BAP TF-2025-1-001, "Taşınabilir ağır metal sensörleri ile akıllı tarım ", Principal Investigator

2- 2025 - Present, NEU - BAP TF-2025-1-002, "KKTC Bakır Madeni Atıklarının Ekolojik Etkilerinin Analizi, İzlenmesi ve Islahı için Sentetik Biyoloji Teknolojilerinin Geliştirilmesi ve Pilot Uygulamalar", Scientific Researcher

3- 2025 - Present, NEU - BAP FEN-2024-1-003, "Innovative Point of Care Biosensors Targeting SMAD3 for Early Detection of Alzheimer's Disease", Principal Investigator

4- 2024 -2026, NEU - BAP FEN-2023-1-001, "Innovative Electrochemical Sensing for Precise Vitamin Analysis in Infant Formula and Milk", Principal Investigator

5- 2017-2019, NEU - BAP FEN-2016-2-002, "Preparation of Molecularly Imprinted Biosensors for Helicobacter Pylori Detection", Principal Investigator
Yakın Doğu Üniversitesi adına 20 yıllığına patentlenmiştir.

6- 2016-2018, NEU - Centre of Excellence 2016-04073, "Preparation of Molecularly Imprinted Biosensors for Salmonella Detection", Principal Investigator

7- 2010-2013, TUBITAK, TBAG-110T201 "Dye Sensitized Solar Cells", Turkey, Scientific Researcher

8- "Preparation of a Novel Sustainable Water Filter for Heavy Metal Removal from Water and Detailed Analysis of Pb (II) Adsorption on Snail (Helix pomatia) Shell Adsorbents"
Suleyman Asir, Ruofan Lily Chen, Yigitcan Yılmaz

The International Sustainable World (Energy, Engineering, and Environment) Project: Team awarded a "BRONZE MEDAL", Harmony Public Schools, Houston, TX, USA, May 2013. (http://isweeep.org/)

9- "Development of a Low-Cost Sustainable Water Filter: Removal of Water Pollutants Cu (II) and Pb (II) Using Snail (Helix pomatia) Shells "
Suleyman Asir, Ruofan Lily Chen, Yigitcan Yılmaz
International Concept Project Competition (ICPC), Junior Green Brain of the Year Contest: This team awarded a "SPECIAL RECOGNITION", METU-NCC, North Cyprus, September 2012. (http://greenbrain.ncc.metu.edu.tr)

10- "Red Glowing TRNC Flag on the Pentadaktylos Mountain"
Huriye Icil, Duygu Uzun, Suleyman Asir, Jagadeesh B. Bodapati, Hurmus Refiker, Ilke Yucekan.
International Chemical Products and Raw Materials Industry R & D Project Market: Rated the BEST in the `paints and Adhesives` category and won the `BEST OVERALL AWARDS` in all categories, Istanbul Turkey, September 2012. (http://www.kimyaargeprojepazari.com/)

11- 2005-2006, DPT-YUUP "Synthetic Technology of Chiral Drug Materials within Health Biotechnology", Turkey, Scientific Researcher

10. Administrative Positions

2016- Present	YAKIN DOĞU ÜNİVERSİTESİ Mühendislik Fakültesi (Malzeme Bilimi ve Nanoteknoloji Mühendisliği Bölüm Başkan Vekili)
2019- Present	YAKIN DOĞU ÜNİVERSİTESİ Mühendislik Fakültesi (Dekan Yardımcısı)
2022- Present	YAKIN DOĞU ÜNİVERSİTESİ Mühendislik Fakültesi (Biyomedikal Mühendisliği Bölüm Başkanı ve Biyomühendislik Bölüm Başkan Vekili)
2023- Present	YAKIN DOĞU ÜNİVERSİTESİ Bilim, Teknoloji, Mühendislik Uygulama ve Araştırma Merkezi (Merkez Başkan Yardımcısı)

11. Memberships in Scientific and Professional Organizations

1- Cyprus Turkish Science and Technology Association (BİLTED): Founding Vice President (2011) and current Vice President.
2- European Photochemistry Association - EPA, member
3- Turkish Chemical Society- Member.

12. Awards & Honors

1- 2025: Teknofest TRNC - University Students Research Projects Competition, Agricultural Technologies Category, First Place Award.
2- 2025, Near East University - DESAM, Publication Award
3- 2021, Near East University - DESAM, Publication Award
4- 2019, Near East University - DESAM, Publication Award
5- 2016: Near East University - DESAM, Young Researcher Award
6- 2010-2011, Avrupa Komisyonu, Kıbrıs Türk Toplumu Burs Programı 2010/11 Akademik Yılı
7- 2002-2004, KKTC Milli Eğitim ve Kültür Bakanlığı Kimya Eğitimi Yüksek Lisans Bursu
8- 1997-2002, KKTC Milli Eğitim ve Kültür Bakanlığı Lisans Eğitim Bursu

13. Courses Taught in the Last Two Years

Academic Year	Term	Course Name	Hours		Students
			Theory	Practical	
2023 – 2024	FALL	MED101 – ORGANIC CHEMISTRY	4	-	200
	FALL	TFT 101 – ORGANİK KİMYA	4	-	150
	FALL	MSN 309 - RESEARCH SKILLS IN SCIENCE	3	-	2
	FALL	PHA209 - ORGANIC CHEMISTRY II	2	-	170
	SPRING	CHM122 - ORGANIC CHEMISTRY I	3	-	163
	SPRING	CHM503 - ADVANCED ORGANIC CHEMISTRY	3	-	8
	SPRING	KIM212 – ANALİTİK KİMYA	3	-	2
	SPRING	MSN 206 - MATERIALS FOR BIOLOGICAL AND MEDICAL APPLICATIONS	3	-	1
2024 – 2025	FALL	MED101 – ORGANIC CHEMISTRY	4	-	200
	FALL	TFT 101 – ORGANİK KİMYA	4	-	150
	FALL	CHM123 - ORGANIC CHEMISTRY II	2	-	111
	FALL	KIM123 - ORGANİK KİMYA II	2	-	15
	FALL	MSN203 - FOUNDATIONS OF NANOTECHNOLOGY	3	-	1
	SPRING	CHM122 - ORGANIC CHEMISTRY I	3	-	196
	SPRING	KİM122 - ORGANİK KİMYA I	3	-	56
	SPRING	CHM551 - SPECIAL TOPICS IN AFFINITY BASED SENSORS	3	-	9