Evrak Tarih ve Sayısı: 22.07.2026-239802

Istanbulgelişim Vocational University-Institute of Natural Sciences
Mechanical Engineering Departmant Master's Degree

S. No.	Degree Program (Master, Doctor, Master-Doctor)	Department	Lecturer's Title and Name	Code	Course's Name	Compulsory or Elective	Semester Year	ECTS	Term	Course Content (please provide a web link if applicable)	Academic Language	Learning Outcomes (please provide a web link if applicable)	Editorial Board Decision Date (Year-Month-Day)	Prerequisites and co. requisites (please provide a web link if applicable)	Recommended or Required Reading (please provide a web link if applicable)	Planned Learning Activities and Teaching Methods (please provide a web link if applicable)	Assessment Methods and Criteria (please provide a web link if applicable)
1	Master	Energy System Engineering		ESEY-500	Advanced Mathematics	Elective	1 - A	6	1 Semester	https://ebe.istanbulgelisim.edu.tr/tr/kategori/yaz-okulu/page/yaz-okulu-ders-aciklamalari?ders%5Bsort%5D=ders_kodu%2Casc%5B0%5D=ders_kodu%2Cdesc%5B0%5D=ders_adi%2Cdesc	English	https://ebe.istanbulgelisim.edu.tr/tr/kategori/yaz-okulu/page/yaz-okulu-ders-aciklamalari?ders%5Bsort%5D=ders_kodu%2Casc%5B0%5D=ders_kodu%2Cdesc%5B0%5D=ders_adi%2Cdesc	Part-time Job	https://ebe.istanbulgelisim.edu.tr/tr/kategori/yaz-okulu/page/yaz-okulu-ders-aciklamalari?ders%5Bsort%5D=ders_kodu%2Casc%5B0%5D=ders_kodu%2Cdesc%5B0%5D=ders_adi%2Cdesc

Evrak Tarih ve Sayısı: 22.07.2026-239802

Iskenderun Technical University Institute of Natural Sciences
Mechanical Engineering Departmant Master's Degree

S. No.	Degree Program (Master, Doctor, Master Without Thesis)	Department	Lecturer's Title and Name	Code	Course's Name	Compulsory or Elective	Semester or Year	ECTS	Term	Course Content (please provide a web link if applicable)	Medium of Instruction	Learning Outcomes (please provide a web link if applicable)	Educational Activities (Face to Face, Online, Blended)	Prerequisites and co. requisites (please provide a web link if applicable)	Recommended or Required Reading (please provide a web link if applicable)	Planned Learning Activities and Teaching Methods (please provide a web link if applicable)	Assessment Methods and Criteria (please provide a web link if applicable)
1	Master	Energy System Engineering		ENES 502	Advanced Mathematics	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
2	Master	Energy System Engineering	Prof. Dr. Salih Fayun MIRZ	ENES 504	Energy Efficiency and Energy	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
3	Master	Energy System Engineering	Assoc. Prof. Dr. Hüseyin ŞAHİN	ENES 506	Operation Research in Energy Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
4	Master	Energy System Engineering	Assoc. Prof. Dr. Hamiş KÜÇÜKÇİ	ENES 508	Energy and Gas Economy	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
5	Master	Energy System Engineering		ENES 510	Nuclear Reactor Engineering	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
6	Master	Energy System Engineering	Prof. Dr. Salih Fayun MIRZ	ENES 512	Cogeneration and Waste Heat Recovery	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
7	Master	Energy System Engineering	Prof. Dr. Salih Fayun MIRZ	ENES 514	Energy Storage Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
8	Master	Energy System Engineering		ENES 516	Analytical Modelling in Energy Engineering	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
9	Master	Energy System Engineering		ENES 518	Wind Energy Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
10	Master	Energy System Engineering		ENES 520	Electric Power Generation Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
11	Master	Energy System Engineering		ENES 522	Clean Combustion Technologies	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
12	Master	Energy System Engineering		ENES 524	Bioenergy and Recycling from Organic Wastes	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
13	Master	Energy System Engineering	Assoc. Prof. Dr. Hamiş KÜÇÜKÇİ	ENES 526	Nuclear Energy Materials and Radiation Effects	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
14	Master	Energy System Engineering	Assoc. Prof. Dr. Hamiş KÜÇÜKÇİ	ENES 528	Solar Energy and Geoenvironmental Technologies	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
15	Master	Energy System Engineering	Assoc. Prof. Dr. Zümra ÇALIŞ ÇAĞLIŞ	ENES 530	Fossil Fuels and Electromechanical Conversion	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
16	Master	Energy System Engineering	Assoc. Prof. Dr. Zümra ÇALIŞ ÇAĞLIŞ	ENES 532	Energy Environment and Law	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
17	Master	Energy System Engineering	Prof. Dr. Tolga DEPCİ	ENES 534	Coal Science and Technology	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
18	Master	Energy System Engineering	Assoc. Prof. Dr. Abdullah GÜRAN ARABUL	ENES 536	Advanced Thermodynamics	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
19	Master	Energy System Engineering	Prof. Dr. Berat DAVARCI	ENES 538	Aerodynamic Control in Renewable Energy	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
20	Master	Energy System Engineering	Assoc. Prof. Dr. Yetiş AZP ATAÇLI	ENES 540	Plasma Fusion Power Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
21	Master	Energy System Engineering	Assoc. Prof. Dr. Zümra ÇALIŞ ÇAĞLIŞ	ENES 542	Heat Exchangers	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
22	Master	Energy System Engineering		ENES 544	Organic, Inorganic Hybrid Solar Cells	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
23	Master	Energy System Engineering		ENES 546	Solar Energy Materials	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
24	Master	Energy System Engineering	Prof. Dr. Tolga DEPCİ	ENES 548	Fossil Fuels and Transformation	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
25	Master	Energy System Engineering		ENES 550	Energy Management	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
26	Master	Energy System Engineering	Assoc. Prof. Dr. Fugen YAĞZE	ENES 552	Chemistry of High-Energy Materials	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
27	Master	Energy System Engineering		ENES 554	Batteries in Energy Systems	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
28	Master	Energy System Engineering		ENES 556	Energy Economics and Policies	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
29	Master	Energy System Engineering		ENES 558	Innovative Fused Welding Technologies	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
30	Master	Energy System Engineering		ENES 560	Advanced Numerical Methods	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
31	Master	Energy System Engineering	Assoc. Prof. Dr. Abdullah Hakan ŞİMŞİR	ENES 562	Artificial Intelligence Applications and Machine Learning in Energy Systems Management	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y
32	Master	Energy System Engineering	Prof. Dr. Salih Fayun MIRZ	ENES 564	Innovative Renewable Energy Technologies	Elective	1	8	5 Years	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	English	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	Face to Face	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsMnt=Bq2ZE-5Y	https://ebs.isu.edu.tr/ebs/bologna/page/course/details.aspx?crsCmnt=1700-5Ekleme&crsM