

COURSE RECORD

Code	GLB 270
Name	Affordable & Clean Energy
Hour(s) per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	3
Level/Year	Undergraduate
Type	Elective
Prerequisites	BRG 001 – English Bridge Course
Description	The course will focus on affordable & clean energy and aim to raise awareness of students about affordable and clean energy – 7th goal of the United Nations. This course allows a student to get a holistic and global understanding of the role of the current transition towards clean and sustainable sources of energy. The learner will have the opportunity to familiarize themselves with the five targets of this goal and understand their own household's energy use, as well as their home country's energy sources. In a globalizing world, students will need to think critically, globally in terms of affordable and clean energy.
Objectives	<ul style="list-style-type: none"> • Assisting students increase their awareness of the definition of SDG 7. • Encouraging individuals and team members to actively engage in in-depth conversations about SDG 7. • Implementing team-oriented learning methods. • Fostering peer learning across different disciplines.
Learning Outcomes	<p><i>By the end of the course, the student will be able to</i></p> <p>LO1. Identify key features of SDG 7</p> <p>LO2. Analyze SDG 7 according to its political, economic, scientific, technological and social dimensions in local and global context.</p> <p>LO3. Compare how SDG 7 is related to their fields.</p> <p>LO4. Evaluate the impact of their action and lifestyle as related to SDG 7.</p> <p>LO5. Defend the necessity of interdisciplinary understanding of SDG 7.</p>

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	0	0	4	4	0	0	4
LO2	0	0	4	4	0	0	4
LO3	4	4	4	4	0	0	4
LO4	0	0	4	4	0	0	4
LO5	4	4	4	4	0	0	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Common Lectures on SDG 7	LO1, LO2, LO3, LO4
Guest Speakers on SDG 7	LO1, LO5
Individual Lectures on SDG 7	LO1, LO3, LO4, LO5

DERS BİLGİLERİ

Kodu	GLB 270
İsmi	Erişilebilir ve Temiz Enerji
Haftalık Saati	3 (2 Teorik +1 Pratik)
Kredi	3
AKTS	3
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	BRG 001 - English Bridge Course
İçerik	Bu ders Birleşmiş Milletlerin Kalkınma Amaçlarından Erişilebilir ve Temiz Enerji (SKA 7) konusunda öğrencileri bilinçlendirmek amacı ile tasarlanmıştır. Ders, öğrencinin temiz ve sürdürülebilir enerji kaynaklarına doğru şekilde geçişin önemi hakkında bütünsel ve küresel bir anlayış kazanmasını sağlamayı hedeflemektedir. Mevcutta bu SKA altında 5 hedef tanımlanmıştır ve öğrenci bu beş hedefini öğrenirken hem kendi kullandığı enerjinin hem de ülkesinin enerji kaynaklarını ve tüketimini değerlendirme fırsatına sahip olacaktır.