



**NIGDE ÖMER HALISDEMİR
UNIVERSITY
GREENMETRIC
SUSTAINABLE CAMPUS
REPORT
2021**

FOREWORD

In order to make Niğde Ömer Halisdemir University a sustainable campus, Sustainable Campus Commission was constituted in our university in 2022 in accordance with the relevant provisions of the Zero Waste Regulation and Regulation on Increasing Efficiency in the Use of Energy Resources and Energy. One of the first goals of the commission in 2022, which was constituted with a multi-disciplinary approach by the academic and administrative staff working in different fields, was to increase the Greenmetric ranking of the university. UI Greenmetric is a platform where all universities worldwide are ranked by evaluating to what extent they have adopted the sustainability principles and what kind of a campus they have designed and offered to their users in this direction. While Niğde Ömer Halisdemir University has aimed to improve its own ranking over the years, it has also undertaken to represent its country around the world as a duty. In this regard, having completed the inventory, analysis, and synthesis processes to produce systematic, up-to-date, and accurate data, Greenmetric Sustainable Campus Report for 2021 has been prepared for the first time.

I would like to thank our honorable Rector Prof. Dr. Hasan USLU for the moral and financial support within this period and our valuable commission members who contributed with their devoted work.

Assoc. Prof. Dr. Ece Ümmü DEVECİ

Chairman of the NOHU Sustainable Campus Commission

PREPARED BY:

Niğde Ömer Halisdemir University Sustainable Campus Commission
Assoc. Prof. Dr. Ece Ümmü DEVECİ (Chairman)

Prof. Dr. Semiha AKÇAÖZOĞLU (Member)

Prof. Dr. Fehiman ÇİNER (Member)

Prof. Dr. Tülay EZER (Member)

Assoc. Prof. Dr. Orhun SOYDAN (Member)

Asst. Prof. Ayşe AKBULUT BAŞAR (Member)

Asst. Prof. Yusuf Kağan DEMİR (Member)

Asst. Prof. Hidayet DİKİCİ (Member)

Asst. Prof. Ömer GENÇ (Member)

Asst. Prof. Tefide KIZILDENİZ (Member)

Environmental Engineer İbrahim YOKSULABAKAN (Member)

Electrical and Electronics Engineer Harun YALÇINDAĞ (Member)

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1. SETTING AND INFRASTRUCTURE

Niğde Ömer Halisdemir University consists of 6 campuses with a total area of 5.038,341 m²: Central Campus, Aşağı Kayabaşı Campus, BESYO campus, Derbent Campus, Bor Campus and Ulukışla Campus. Except for the campuses in Bor and Ulukışla districts, 4 campuses are in the province of Niğde. Our university continues its education-training and research-development activities with 13 Faculties, 2 Schools, 1 State Conservatory, 4 Institutes, 6 Vocational Schools and 15 Research and Application Centers. Photographs showing the university campuses are below. See. Figure 1-2-3-4-5-6)



Figure 1. Niğde Ömer Halisdemir University Main Campus



Figure 2. Niğde Ömer Halisdemir University Aşağı Kayabaşı Campus



Figure 3. Niğde Ömer Halisdemir University Derbent Campus



Figure 4. Niğde Ömer Halisdemir University BESYO Campus



Figure 5. Niğde Ömer Halisdemir University Bor Campus



Figure 6. Niğde Ömer Halisdemir University Ulukışla Campus

1.1. Type of higher education institution

Comprehensive

1.2. Climate

Semiarid

1.3. Number of Campus Site

6

1.4. Campus Setting

Urban

1.5. Total Campus Area (m²)

5.038.341 m²

1.6. Total Campus Ground Floor Area of Buildings (m²)

82.866 m²

1.7. Total campus buildings area (m²)

350.831 m²

1.8. The open space area divided by the total area

After the determination of the area distribution of the land cover of Niğde Ömer Halisdemir University campuses, it was decided in which class the land cover type would be evaluated in order to be able find out the rates determined by "UI GreenMetric" commission. The determined classification is given below (see Table 1).

Table 1. The determined Classification according to UI GreenMetric

Classification	Land Cover
Open Space Area	<ul style="list-style-type: none"> • Cultivated Area • Impermeable Surfaces

	<ul style="list-style-type: none"> • Square • Assembly Areas
Cultivated Area	<ul style="list-style-type: none"> • Grass • Cultivated Area • Refuge • Green houses
Absorber Area	<ul style="list-style-type: none"> • Main Road • Byroad • Bikeway • Road for Patrol • Square • Car Park • Assembly Area • Sidewalk
Water	<ul style="list-style-type: none"> • Water
Forest	<ul style="list-style-type: none"> • Forest

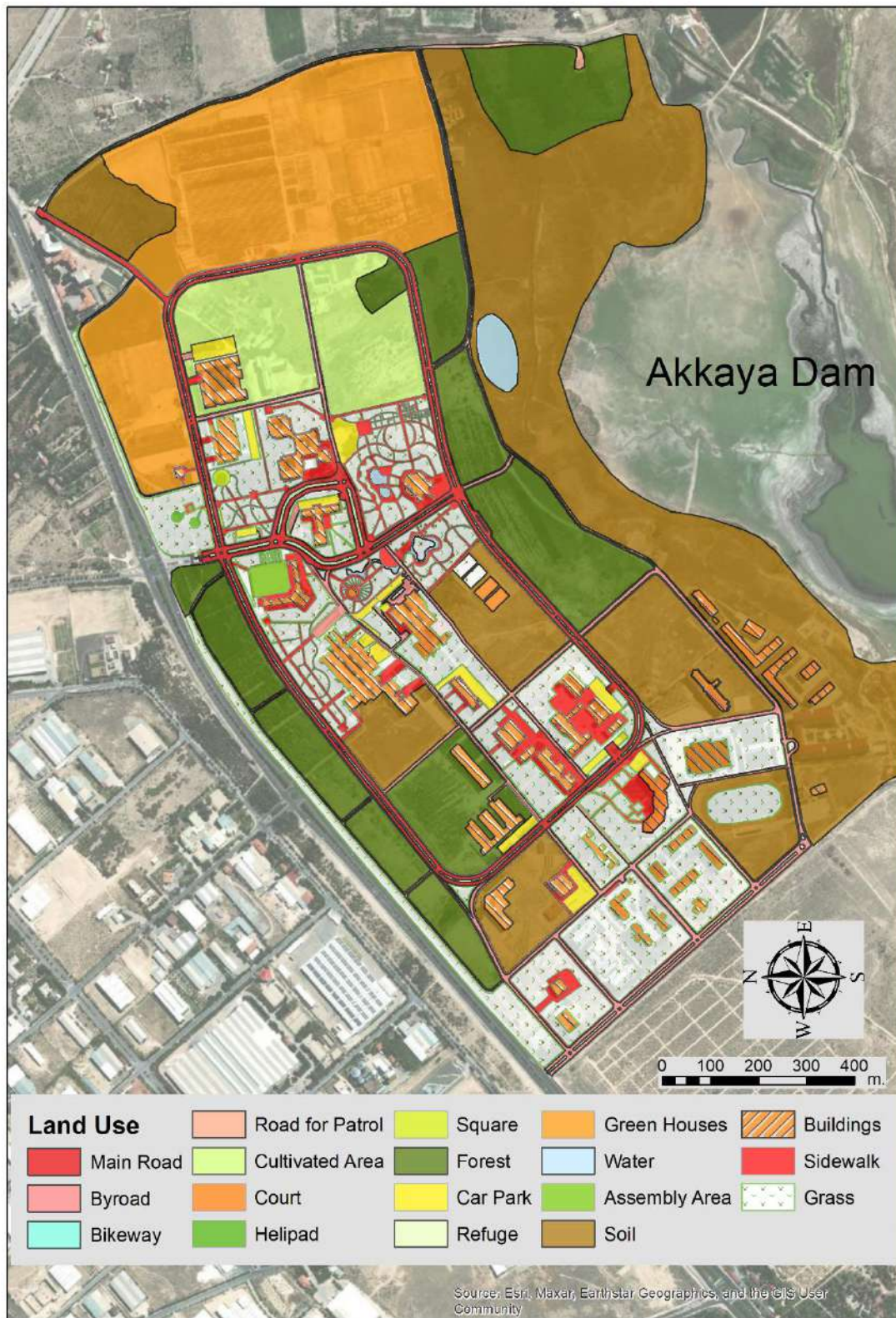


Figure 7. Niğde Ömer Halisdemir University Central Campus Land Use

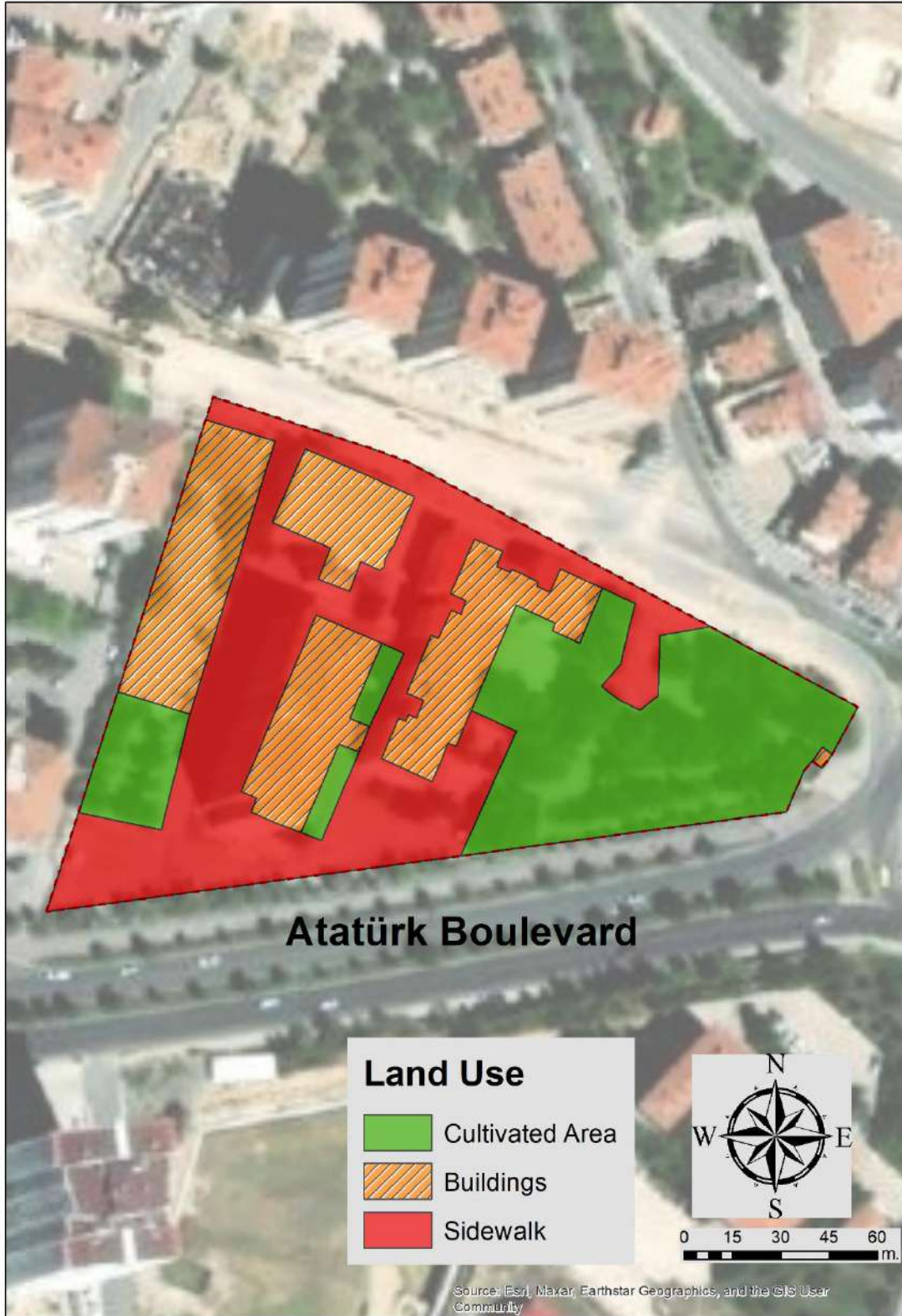


Figure 3. Niğde Ömer Halisdemir University Technical Sciences Vocational School Land Use



Figure 4. Niğde Ömer Halisdemir University Faculty of Sport Sciences Land Use



Figure 5. Niğde Ömer Halisdemir University Social Sciences Vocational School Land Use

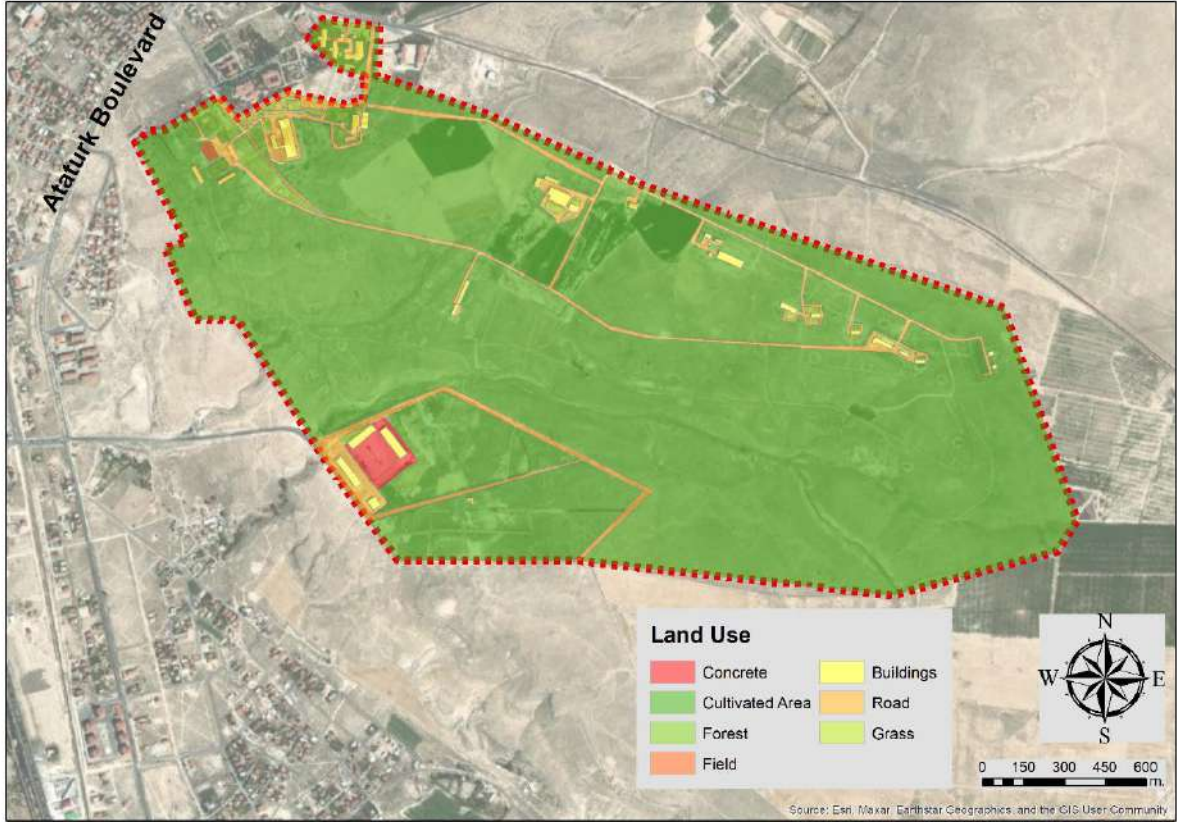


Figure 6. Niğde Ömer Halisdemir University Bor Vocational School Land Use

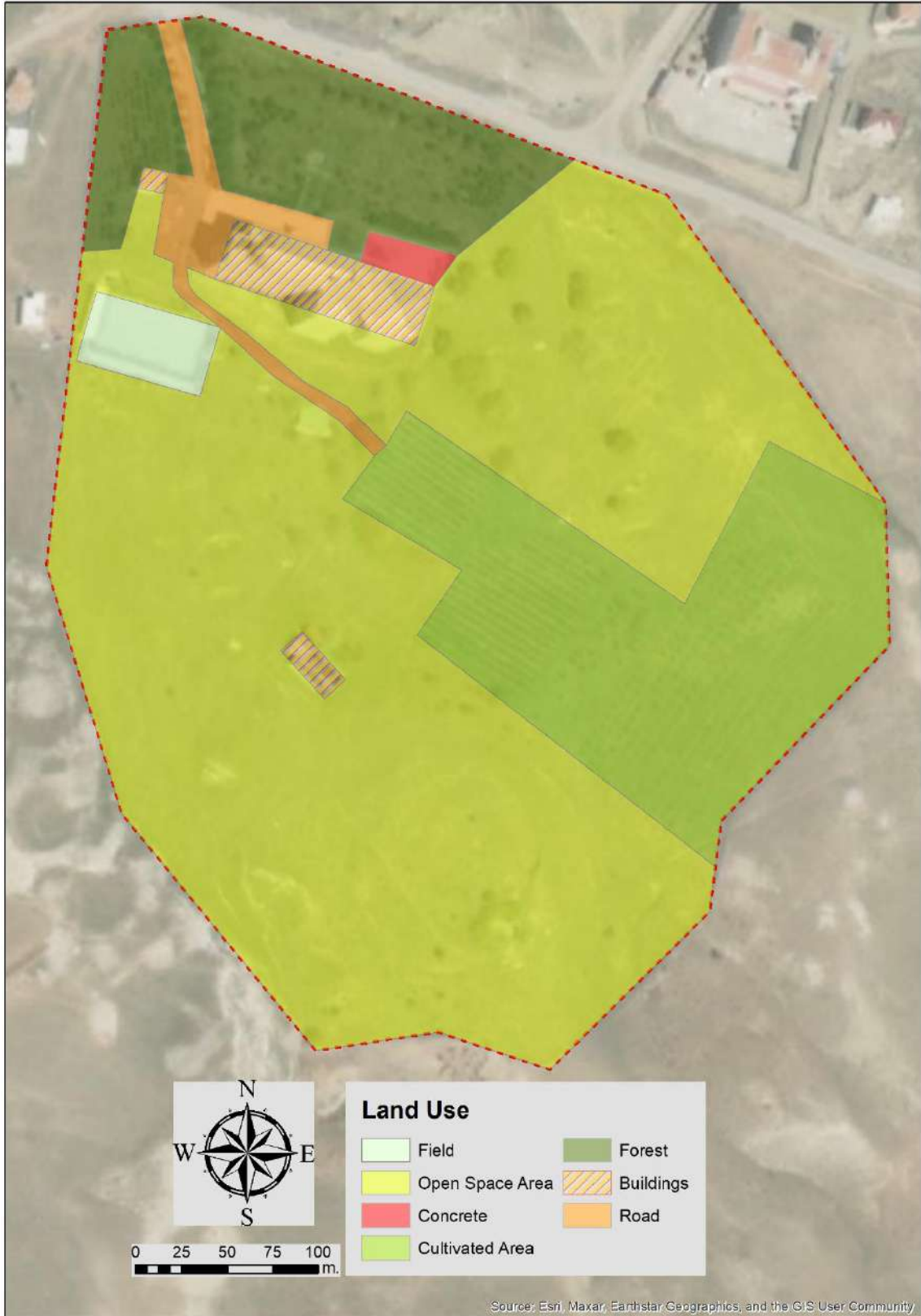


Figure 7. Niğde Ömer Halisdemir University Ul ukişla Vocational School Land Use

The open space areas divided by the total area is given below (see Table 2).

Table 2. The Open Space Area Divided by the Total Area

Campus	Total Open Space Area (m ²)	Total Campus Area	Percent (%)
Central Campus			
Technical Sciences VS			
Social Sciences VS			
Faculty of Sport Sciences	2.730.099,14	5.144.038,88	53,07
Bor VS			
Ulukışla VS			

1.9. Total area on campus covered in forest vegetation

Total area on campus covered in forest vegetation is given below (see Table 3).

Table 3. Total area covered in forest vegetation

Campus	Area (m ²)	Total Area (m ²)
Central Campus	332.018,06	
Technical Sciences VS	-	
Social Sciences VS	-	
Faculty of Sport Sciences	16.993,75	412.262,17
Bor VS	51.305,87	
Ulukışla VS	11.944,49	

1.10. Total area on campus covered in planted vegetation

Total area covered in planted vegetation is given below (see Table 4).

Table 4. Total Area Covered in Planted Vegetation

Campus	Area (m ²)	Total Area (m ²)
Central Campus	782.176,50	
Technical Sciences VS	4.569,26	
Social Sciences VS	-	
Faculty of Sport Sciences	-	3.156.478,81
Bor VS	2.347.534,32	
Ulukışla VS	22.198,73	

1.11. Total area on campus for water absorption besides the forest and planted vegetation

Total area for water absorption is given below (see Table 5).

Table 5. Total Area for Water Absorption

Campus	Area (m ²)	Total Area (m ²)
Central Campus	327.727,39	
Technical Sciences VS	5.740,18	
Social Sciences VS	10.530,11	663.037,94
Faculty of Sport Sciences	48.581,48	
Bor VS	188.924,01	
Ulukışla VS	81.534,77	

1.12. Total number of regular students (part time and full time)

23.786 number of students

1.13. Total number of online students (part time and full time)

No data.

1.14. Total number of academic and administrative staff

1.755 kişi (1042 academic + 713 administrative staff)

1.15. Estimated annual total population

25.541

1.16. Total open space area divided by total campus population

Demographic data on the campuses has been obtained from Niğde Ömer Halisdemir University Personnel Department (<https://www.ohu.edu.tr/personel>) and Student Affairs Department (<https://www.ohu.edu.tr/oidb>). Total open space areas of the campuses divided by the campus population is given below (see Table 6).

Table 6. Total open space area divided by total campus population

Campus	Total Open Space Area (m ²)	Total Population	Percent (m ²)
Central Campus			
Technical Sciences VS			
Social Sciences VS			
Faculty of Sport Sciences	2.730.099,14	25.541	106.89
Bor VS			
Ulukışla VS			

1.17. University's total budget (in US Dollars)

294.792.657,00 TL.

1.18. University's budget for sustainability efforts (in US Dollars)

Budget for sustainability efforts =7.909.237,17 TL

1.19. Percentage of university budget for sustainability efforts

The budget items for sustainability efforts are classified in the table below.

Table 7. Budget items for sustainability efforts

Budget Type	Budget Amount (TL)
Budget for Projects Supported by BAP	₺4.073.604,00
Garden Supplies Purchases	₺541.641,71
Gardening and Landscape Works	₺59.428,54
Purchase of Goods and Services related to Waste Disposal	₺12.729,00
Building Infrastructure Projects	₺0,00
Major Repairs	₺3.162.581,92
Materials Purchased to Fight Against the Pandemic (disinfectant, etc.)	₺59.252,00
Budget for Health, Culture and Sports	₺0,00
TOTAL	₺7.909.237,17
UNIVERSITY'S TOTAL BUDGET	₺294.792.657,00

University's total budget for 2021 is 294.792.657,00 TL, and the budget allocated for sustainability efforts is 7,909,237,17 TL which is 3% of the total budget.

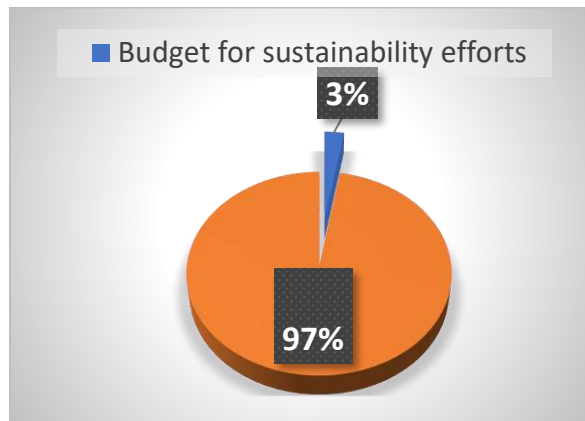


Figure 8. Budget for sustainability efforts divided to University's total budget

1.20. Percentage of operation and maintenance activities of buildings within a year

Expenditures on operation and maintenance activities of buildings for 2021 are given under the following headings. The percentage of expenditures to the total budget is 1.1%.

Table 8. Budget items for operation and maintenance activities of buildings

Building Infrastructure Projects	₺0,00
Major Repairs	₺3.162.581,92
Materials Purchased to Fight Against the Pandemic (disinfectant, etc.)	₺59.252,00
TOTAL	3.221.833

1.21. Campus facilities for disabled, special needs and or maternity care

Equipment offered for disabled and special needs in our university are presented in the following figures (see Figure 14,15,16,17,18,19). More detailed information can be obtained from the web pages of our university: <https://ohu.edu.tr/engelsizuniversite> , <https://ohu.edu.tr/disabledfriendly> .



Figure 9. Disabled Toilet



Figure 10. Ramps for the Disadvantaged



Figure 11. Special flooring for the visually impaired



Figure 13. Elevators with Braille Alphabet



Figure 12. Disabled Parking



Figure 14. Special Library Workspace for the Disabled

The table below (see Table 9) presents the facilities and numbers of the services offered to students with special needs in academic units within the university.

Table 9. Services Offered to Students with Special Needs

Faculties and Schools	Ramps and Its Number	Elevator and Number	Private Toilets and Its Number	Classrooms on the Ground Floor and Its Number	Laboratory on the Ground Floor and Its Number	Handrail on Stairs (Available/Not Available)	Disabled Parking and Its Number	Yellow Strip (Indoor and Outdoor) (Available/Not Available)	Floor Layout with Braille Alphabet (Available/Not Available)
Faculty of Education	+9	+2	+23	+23	Not Available	Available	+1	Not Available	Not Available
Faculty of Arts and Sciences	Not Available	+2	+2	+9	Not Available	Not Available	+1	Available	Not Available
Faculty of Fine Arts	+2	+1	+5	+8 (Workshop)	Not Available	Available	Not Available	Not available indoor. Available Outdoor	Not Available
Faculty of Engineering	+4	+6	+12	+12	+13	Available	+1	Not available indoor. Available Outdoor	Not Available
Faculty of Architecture	+4	+3	+16	+6	+2	Available	+2	Available	Not Available
Faculty of Communication	+1	+2	+4	+15	+1	Available	+1	Not Available	Not Available

Faculty of Agricultural Sciences and Technologies	+1	+4	+15	+3	+10	Available	+2	Available outdoor	Not Available
Faculty of Islamic Sciences	+3	+3	+8	+5	+1	Available	+2 (9 araçlık)	Available	Available
Faculty of Medicine	+3	+2	+5	+4	+5	Available	+6	Available	Available
Faculty of Economics and Administrative Sciences	+2	+2	+6	+5	+1	Available	+8	Not available indoor. Available Outdoor	Not Available
Turkish Music State Conservatory	+1	+2	+5	+2	Not Available	Available	Not Available	Not Available	Not Available
Niğde Technical Sciences V.S.	+1	+1	+2	+8	+1	Available	+1	Not Available	Not Available
Niğde Social Sciences V.S.	+3	+1	+1	+3	Yok	Available	+1	Not Available	Not Available
Bor V.S.	+1	Not Available	+1	+7	+6	Available	+5	Not Available	Not Available
Bor Halil Zöhre V.S.	+2	+1	+6	+3	+3	Available	+2	Available	Available
Ulukışla V.S.	Not Available	+1	Not Available	Not Available	Not Available	Available	Yok	Not Available	Not Available
Zübeyde Hanım Sağlık Hizmetleri M.Y.O	+1	+1	+1	Not Available	+2	Available	+3	Not Available	Not Available
Faculty of Zübeyde Hanım Health Sciences	+1	+1	+1	+2	+1	Available	+3	Not Available	Not Available
Faculty of Sport Sciences	Not Available	Not Available	Not Available	+2	+1	Available	Not Available	Not Available	Not Available
School of Foreign Languages	+2	+1	+4	+10	Yok	Available	+1	Available	Not Available
Graduate School of Health Sciences	+3	+2	+5	+4	+5	Available	+6	Available	Available
Continuing Education Center Directorate	+1	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Graduate School of Natural and Applied Sciences (Located in the School of Foreign Languages Building)	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Institute of Social Sciences (Located in the building of School of Foreign Languages)	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Institute of Educational Sciences (Located in the building of	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Faculty of Education)									
Research and Application Center on Culture and Education of Kazakhstan (Located in the building of the Faculty of Arts and Sciences)	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Turkish Teaching Application and Research Center Directorate (Located in the building of the Faculty of Architecture)	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
*Please indicate the number of available services by marking them as (+).									

1.22. Security and safety facilities

The security services of the university provided by the staff.

1.23. Health infrastructure facilities for students, academics and administrative staff's wellbeing

There is a training and research hospital of our university in the city center. In addition, there is a family health center in the central campus where emergency and first-step health services are provided.

1.24. Conservation: plant, animal and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities

- Areas of application in the Faculty of Agricultural Sciences and Technologies:
 - Out of 260 decares of land in total,
 - 60 decares for fruit species and varieties for dense planting and traditional production,
 - Establishing vineyards on 30 decares of land in order to preserve local table grape and wine grape,
 - Allocating an area of 60 decares to certified organic production,
 - Allocating an area of 90 decares to field crops production,
 - Allocating 20 decares for research.

- Out of 4 greenhouses with a total size of 1250 m²,
- 13 plant growing cabins
- Anadolu Tohumları Student Club
- Climate and Ecology Club
- Herbarium and Museum
- Natural life in the lake
- Campus natural reserves

2. ENERGY AND CLIMATE CHANGE

The climate factor is an important design element in terms of preserving the ecological balance and obtaining qualified spaces. The correct use of climate factors on the formation of buildings on the campuses of our university is important not only for energy efficiency but also for creating healthy spaces for our students and staff.

2.1. Use of Energy efficient appliances

All electronic devices (computers, printers, scanners, etc.) on campus are energy efficient devices. LED lightning fixtures are used in all buildings. Only in old buildings (Rectorship, Faculty of Science and Literature, Economics, Engineering Level 1,2,3; Monument Building; Faculty of Education, Architecture; Library, School of Foreign languages etc.) non-LED lightning fixtures are not mechanical ballasts, but electronic ballasts that provide savings are used.

2.2. Total campus smart building area (m²)

Total smart building construction area is 278,126 m².

2.3. Smart Building implementation (percentage of the total floor area of smart building to the total all floors building area (smart and non-smart buildings area))

Smart buildings are structures with integrated mechanisms that meet the changing needs of users more effectively. Our automation systems, which automatically control heating, cooling, air conditioning, lighting, fire and security functions, are available in all buildings, but only not available in the administrative building in BESYO campus.

In addition, in the new buildings (morphology, dentistry, cafeteria, economy, conservatory) fire system, door system, elevator, air conditioning systems, camera systems are connected to automation and the fire system is controlled from the computer. In case of fire, the building, its floor, and place is determined via the program on the computer, and if there is a camera there, the camera image comes to the computer both in the building and in the main security gate where the security staff is available 24/7. Moreover, all our green field irrigation systems are controlled via automation. Lighting automation is available in the indoor gym. There is a remote

monitoring system for the generators in the new buildings (morphology, central research lab, engineering-FEAS). In the building of Teknopark, a developed version of fire automation is used and the upper roof is opened during a fire.

2.4. Number of renewable energy sources in campus) (solar energy, wind energy, etc.)

Green Energy House, which is powered by solar energy through photovoltaic panels, has been built in the central campus. The building has been available since January 2022. Research on the use of hydrogen energy source is being conducted in the central laboratory.

2.5. Please specify renewable energy sources on campus and provide capacity produced in kilowatt hour.

There are solar panels in the Solar Energy House with a power of 70kWp. The energy produced is stored in batteries. The capacity of the batteries is 400 kWh. When calculating the batteries, it has been calculated as 5-6 hours of insolation. Considering the winter, it has been calculated as min. 4 hours. $70 \text{ kWp} * 4 = 280 \text{ kWh}$. For a year, it is $280 \text{ kWh} * 365 \text{ days} = 102,200 \text{ kWh}$.

2.6. Electricity usage per year (in kilo watt hour)

5.847.285 kWh

2.7. Total electricity usage divided by total campus population, kWh per person)

229kWh

2.8. The ratio of renewable energy production divided by total energy usage per year

1,8

2.9. Elements of green building implementation as reflected in all construction and renovation policies

- **Photovoltaic panel**

The Green Energy House was built in our central campus in order to enhance the use of renewable energy sources in our university, to create awareness about energy efficiency in our region and to contribute to raising awareness on energy efficiency in our university. It is aimed to generate electricity from photovoltaic panels in the building.

- **Directivity, building forms, heat insulation**

In Niğde, which has continental climate, preventing heat loss in buildings is an important design criterion, since the winters are cold and snowy. All of the buildings on the campuses of our university have external thermal insulation. In order to reduce the outer shell area of the buildings, rectangular and square-planned four-folded compact structures were built instead of buildings with large-surface areas that has large seating areas. Thus, it is aimed to get maximum

efficiency from the energy used for heating the spaces and to reduce the heat loss in winter. In addition, the large surfaces of the buildings in the central campus (others?) have been placed facing north and south in order to reduce the effect of the northeast wind, which is the prevailing wind blowing the northeast in winter, on the long facades of the buildings. While deaf surfaces and small-sized windows are used on the northern facades of the buildings, large transparent surfaces are used on the southern facades in order to benefit from the solar radiation in the most efficient way (Figure Layout plan, showing the prevailing wind).



Figure 15. Main Campus Layout Plan

- **Natural air conditioning**

In all of the buildings in our university, natural air flow is provided inside the buildings with the help of openable sash windows on opposite facades and artificial air conditioning devices are not used for cooling in summer. Images of the buildings with the principle of natural air conditioning which aims to prevent heat gains, are given (Figure 21-47).

- **Natural lightning**

The principle of natural lighting has been considered in all buildings of education, social facilities and sports facilities on the campuses of our university. With the help of windows with large surfaces used in places that are potentially utilized by many users such as classrooms, offices, laboratories and workshops, there is no need to use artificial lighting during daytime. The windows used in all buildings are double-glazed with thermal insulation, preventing heat loss in cold season and conductive heat gain in hot season.



Figure 16. Faculty of Dentistry



Figure 17. Faculty of Education



Figure 18. Faculty of Arts and Sciences



Figure 19. Faculty of Fine Arts



Figure 20. Faculty of Economics and Administrative Sciences *Figure 21. Faculty of Communication*



Figure 22. Faculty of Islamic Sciences

Figure 23. Faculty of Architecture



Figure 24. Faculty of Engineering



Figure 25. Faculty of Sport Sciences



Figure 26. Faculty of Agricultural Sciences and Technologies



Figure 27. Faculty of Medicine



Figure 28. Niğde Technical Sciences V.S.



Figure 29. Niğde Social Sciences V.S.



Figure 30. Bor Halil Zöhre Ataman V.S.



Figure 31. Bor V.S.



Figure 32. Ulukışla V.S.



Figure 33. School of Foreign Languages



Figure 34. Turkish Music State Conservatory Center

Figure 35. Continuing Education



Figure 36 Rectorship



Figure 37. Congress and Culture Center



Figure 38. Library



Figure 39. Indoor Sports Complex



Figure 40. Dormitory



Figure 41. Teknopark



Figure 42. Dining Hall

The circulation areas in the buildings of the Faculty of Communication, Faculty of Islamic Sciences, Faculty of Fine Arts, Faculty of Engineering, Faculty of Agricultural Sciences and Technologies are designed to receive natural light from the roof and facade (Figure 48, Figure 49).



Figure 43. Faculty of Agricultural Sciences and Technologies circulation areas, lighting from the roof



Figure 44. Indoor Sports Complex, indoor natural lighting

- **Humidification with the help of plant groups**

The grassed and vegetated areas in the immediate vicinity of the buildings on the campus humidify the dry air in summer and reduce the effect of urban heat island. Evergreen trees used outdoors, and around pedestrian walkways make shady areas and reduce undesirable temperature increases in summer (Figure 50, Figure 51). The evergreen trees and low-growing plants act as windbreaks in cold seasons and increase the comfort conditions in open areas.

Açık mekanlarda ve yaya yollarının çevresinde kullanılan yaprak dökmeyen ağaçlar gölge alanları yaratarak yaz aylarında istenmeyen sıcaklık artışlarını aşağı çekmektedir (Şekil 50, Şekil 51). Sürekli yeşil kalan ağaçlar ve bodur bitkiler soğuk dönemlerde rüzgâr kırıcı vazifesi görerek açık alanlarda konfor koşullarını artırmaktadır.



Figure 45. Main campus, evergreen trees and plants



Figure 46. Main campus, green zones

2.10. Greenhouse gas emission reductions program

The academic publications in our university that are the outputs of the studies related to drought are listed below.

- 1- Kizildeniz, T., Movila, M., Bettoni, M. M., Abdullateef, S., & Candar. (2022). Grapevine Propagation Method with Two Temperature Controlling Process, Viticulture Studies (VIS).
- 2- Kizildeniz, T., Pascual, I., Irigoyen, J. J., & Morales, F. (2021). Future CO₂, warming and water deficit impact white and red Tempranillo grapevine: photosynthetic acclimation to elevated CO₂ and biomass allocation. Physiologia Plantarum.
- 3- Hesağ, F., Kizildeniz, T. (2021). Nanopestisitlerin Sürdürülebilir Tarımsal Üretimdeki Rolü. Sustainable Agricultural Management in a Changing World. Iksad Publications. 1 ISBN:978-625-7636-45-2, 302-313.
- 4- Kizildeniz, T. (2021). Dikey Tarım Uygulamaları Sustainable Agricultural Management in a Changing World. Iksad Publications. 1 ISBN:978-625-7636-45-2.
- 5- Unal, Z., Kizildeniz, T. (2021). Smart Agrilculture Practices in Potato Production. the book Potato Production Worldwide, the chapter “Smart Agriculture Practices in Potato Production”, Prof. Mehmet Emin Caliskan, Chief Editor for the book, publisher Elsevier Inc.
- 6- Kızıldeniz, T., Aydın, T.K., Göler, S., Tuna, B. (2021). Effects of Climate Change on Wheat Production in Turkey. Engineering and Architectural Science: A Multidisciplinary Approach. Literatürk academia. ISBN:978-625-7606-08-0, 153-158.
- 7- Kızıldeniz, T., Şakır, G. (2021). Dynamic of Climate Change and Epidemics Affecting Food Security. Engineering and Architectural Science: A Multidisciplinary Approach. Literatürk academia. ISBN:978-625-7606-08-0, 160-167.

In 2021, the following studies have been carried out in order to study the factors of climate change, including drought:

- 1- “UZAY-PaFa: Uzaktan Algılama ve Yapay Zekâ Teknolojileri Kullanılarak Arazide Bitki Sağlığı Tespiti: Patates ve Fasulye Örneği”
- 2- “Niğde’de Tarımda Yeni Dijital Teknolojilerin Uygulama Kapasitesini Geliştirme”
- 3- “Niğde İklim Koşullarında Çilek Çeşitlerine Uygulanacak Farklı Sulama Düzeyleri ve Aralıklarının Verim ve Kalite Parametrelerine Etkisinin Araştırılması”
- 4- “TGT 2021/5-HIDEP Yüksek CO₂ konsantrasyonu ve yüksek sıcaklık olmak üzere iklim değişikliğinin etkilerini iki yerli yonca (Medicago sativa L. cv. Bilensoy 80 ve Nimet) çeşidinde büyüme, su durumu ve verimi üzerindeki etkileri”

2.11 Please provide the total carbon footprint (CO₂ emission in the last 12 months, in metric tons)

5026

2.12. Total carbon footprint divided by total campus' population, metric tons per person)

CO₂ (electricity) = (KwHel/ 1000) * 0.84 = (5847285 KwH/1000) x 0.84 = 4911,7 metric ton

CO₂ (Bus)= (58*2*3,4*240/100) *0.01=94,7 metric ton

CO₂ (cars) = (297*2*3,4*240/100) * 0.02 = 96,2 metric ton

CO2 (motorcycle) = $(52 \times 2 \times 3,4 \times 240) / 100 \times 0,01 = 8,5$ metric ton

CO2 (total) = $(4911,7 + 9,47 + 96,2 + 8,5) = 5025,9$ metric ton

Karbon ayak izi = toplam emisyon/ toplam kampüs nüfusu

= $(5026/25541) = 0,196$

2.13. Number of innovative program(s) in energy and climate change

In order to save energy and paper by utilizing technological opportunities while conducting the academic and administrative works, the following practices have been implemented:

- distance education and online exams
- online meetings
- Providing tablets
- cloud services - new software has been received (TEAMS, MERGEN)
- EBYS has been allowed also outside the campus
- Studies on climate change have been announced on the webpage: <https://www.ohu.edu.tr/climatechange>
- A short course on climate change and plant modeling for international master's degree: <https://www.ohu.edu.tr/climatechange/sayfa/crop-modelling-course>

2.14. Impactful university program(s) on climate change

- Climate change and drought studies were carried out in 2021 within the body of Niğde Ömer Halisdemir University, Faculty of Agricultural Sciences and Technologies.
- Undergraduate and graduate courses on Climate Change:
 - Undergraduate courses: BSM4041 Climate Changes (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/BSM4041/dersbilgi)
 - Graduate courses:
 - BUT6143 Uygulamalı Zaman Serisi Analizi (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/BUT6143/dersbilgi)
 - BUT6132 İklim Değişikliği ve Tarım (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/BUT6132/dersbilgi)
 - BUT7113 Kuraklık Analizi (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/BUT7113/dersbilgi)
 - BUT7122 Tarım ve Çevre Konularında Simülasyon (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/BUT7122/dersbilgi)
 - PPT7121 Drought Analysis (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/2/PPT7121/dersbilgi)
 - PPT7126 Simulation in Agriculture and Environment (https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/2/PPT7126/dersbilgi)
 - PPT6137 Applied Time Series Analysis

(https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/2/PPT6137/dersbilgi)

PPT6132 Climate Change and Agriculture

(https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/2/PPT6132/dersbilgi)

3. WASTE

3.1. Recycling program for university's waste

The wastes of Niğde Ömer Halisdemir University are collected separately where they are generated (see Figure 52) and brought to the waste collection center of the university and recycled there.



Figure 47. Waste Recycling Units

3.2. Program to reduce the use of paper and plastic on campus

EBYS (Electronic Document Management System) is used at Niğde Ömer Halisdemir University to reduce the amount of paper used in official correspondence. This practice resulted in 60% reduction in paper consumption.

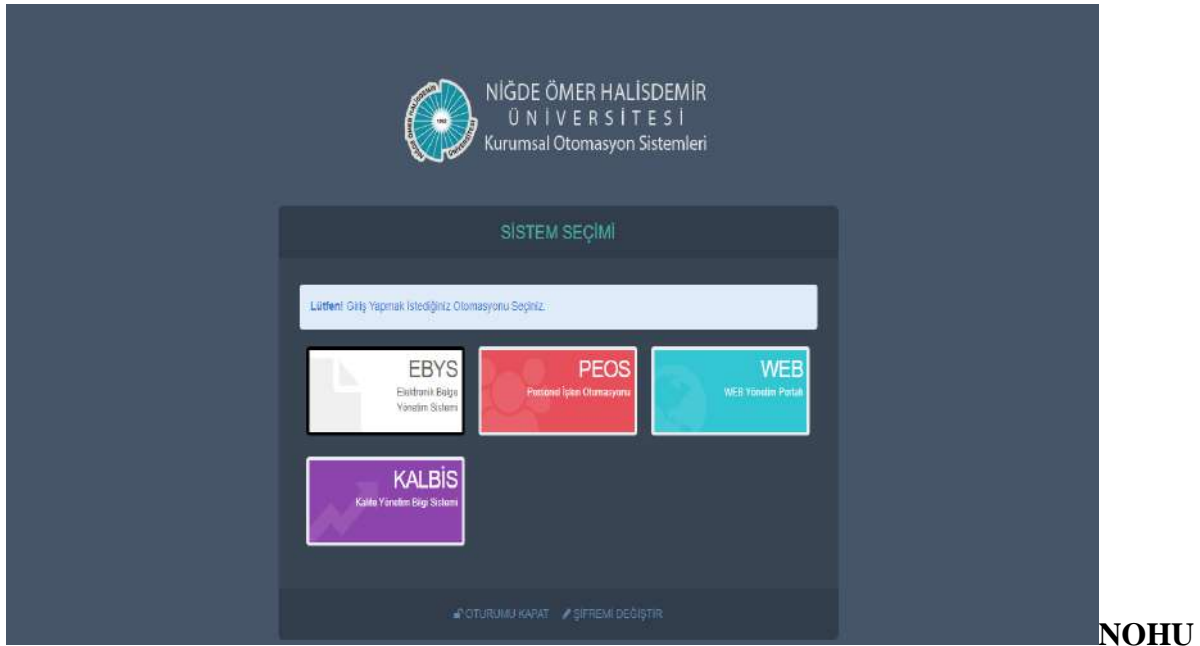


Figure 48. EBYS System Screenshot

3.3. Organic waste treatment

Organic wastes generated in Niğde Ömer Halisdemir University are converted into compost at the waste collection center of the university and used for fertilizing the trees in the university.



Figure 49. The Conversion Process of Organic Waste to Compost in the Waste Collection Center-1



Figure 50. The Conversion Process of Organic Waste to Compost in the Waste Collection Center-2



Figure 51. The Conversion Process of Organic Waste to Compost in the Waste Collection Center-3

3.4. Inorganic waste treatment

Inorganic wastes generated at Niğde Ömer Halisdemir University are collected according to the 6-separation system and then pressed and stored. At the end of the academic year, the stored waste is sold to recycling companies with a tender procedure and recycled in this way.



Figure 52. Images from NOHU First Class Waste Collection Center-1



Figure 53. Images from NOHU First Class Waste Collection Center-2



Figure 54. Images from NOHU First Class Waste Collection Center-3

3.5. Toxic waste handled

At Niğde Ömer Halisdemir University, toxic wastes are collected separately according to their types and then stored. The stored toxic wastes are delivered to authorized companies for recycling or disposal in accordance with the appropriate methods.



Figure 55. Images from the Collection of Toxic Waste-1



Figure 56. Images from the Collection of Toxic Waste-2

3.6. Sewerage disposal

Sewerage wastes of Niğde Ömer Halisdemir University are treated at the biological treatment facility of the university and discharged to Akkaya Dam in accordance with the treatment criteria of T.C. Ministry of Environment, Urbanisation and Climate Change.



Figure 57. Images from NOHU Sewerage Waste Disposal-1



Figure 58. Images from NOHU Sewerage Waste Disposal-2



Figure 59. Images from NOHU Sewerage Waste Disposal-3

4. WATER

The drinking and utility water needs of our campus are supplied from the mains water system of Niğde Municipality. In addition, water is supplied from the groundwater wells on our campus when needed.

4.1. Water conservation program implementation

As for the irrigation of the green areas of the campus, the water obtained by harvesting the rainwater into the pool, where the rainwater in the central campus is collected, seen in the general layout plan (see Figure 65), is used in the irrigation of the parks and gardens. In addition, the water supplied from the mains water system or from the groundwater is used in the irrigation of green areas on the campus with time-adjusted drip or fountain systems according to the need.



Figure 60. Images from NOHU Water Conservation and Implementation Program -1



Figure 61. Images from NOHU Water Conservation and Implementation Program -2

4.2. Water recycling program implementation

Not available.

4.3. Use of Water efficient appliances

A comprehensive water saving program is implemented at Niğde Ömer Halisdemir University. Water saving is implemented by utilizing the appliances such as photocell faucets and photocell urinals in buildings (see Figure 67,68). Water-efficient or sensor-fitted faucets are used in sinks and toilets.



Figure 62. Image of the Sample Water-efficient Appliance -1



Figure 63. Image of the Sample Water-efficient Appliance -2

4.4. Treated water consumed

The water obtained by harvesting the rainwater into the pool in the central campus, where the rainwater is collected separately from the sewage water, is used in the irrigation of parks and gardens. With the investments to be made in the coming years, the rate of rainwater harvest will be increased by storing the rainwater to be collected/harvested from the roofs of the buildings on our campus after being filtered.

The evacuated water of the swimming pool in the sports complex on our campus is filtered with a sand filter, and then reused for the irrigation of green areas in and around the Faculty of Islamic Sciences. In addition, rainwater collected in the well located in the garden of the Faculty of Arts and Sciences during the wet season is used for the irrigation of green areas.

4.5. Water pollution control in campus area

The wastewater from the buildings of Niğde Ömer Halisdemir University, the cafeteria and university's own dormitory are treated at the biological wastewater treatment facility with a capacity of 2100 m³ per day and then discharged to Akkaya Dam in accordance with the discharge standards of T.C. Ministry of Environment, Urbanisation and Climate Change.

5. TRANSPORTATION

Transportation systems play an important role in the levels of carbon emission and pollutant in universities. Transportation policies that limit the number of motor vehicles and encourage the use of shuttle services and bicycles on campus are necessary to reduce the emissions caused by transportation on campus.

Niğde Ömer Halisdemir University has made it a priority to be eco-friendly and to reduce its carbon footprint by adopting a campus policy that assure pedestrian policy, encouraging the student and staff to move around the campus and minimize the use of private vehicles.

Niğde Ömer Halisdemir University provides education and training services in five satellite campuses, except for the central campus which has the largest area. In Figure 69, the areas of the central campus and satellite campuses are shown in scale.

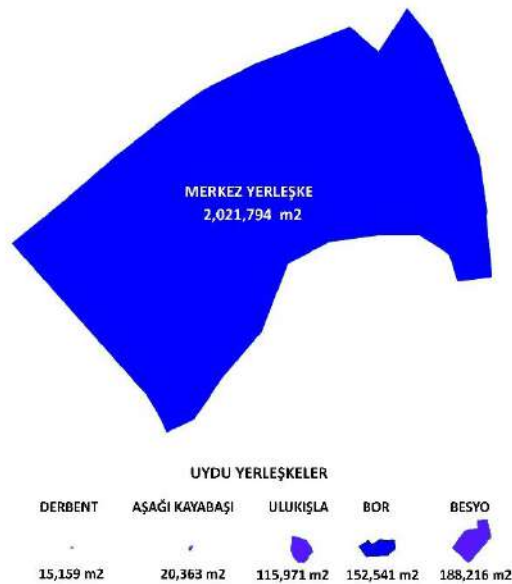


Figure 64. Comparison of Areas of NOHU Main and Satellite Campuses

The Derbent campus is the smallest campus and it is located in the city center. The campus is close to the city center and to the public transport stops. Since the distance between the buildings is close, only pedestrian traffic is available. The distance by car from main gate to the parking areas is short.

Aşağı Kayabaşı Campus has similar features to Derbent campus. Although it is larger in area, the average distance between the campus gate and the parking spaces is short (65 m).

Ulukışla Campus is the most distant satellite campus to the central campus. All buildings are within walking distance. Limited parking spaces are available for the staff. Mobility within the campus is provided only by pedestrian transportation.

The Bor campus is the 4th largest satellite campus in terms of surface area. It is close to the center of Bor District. Mobility within the campus is provided only by pedestrian transportation.

The BESYO campus is the satellite campus with the highest surface area and it is located on the Bor-Niğde road. The campus consists of sports complexes and educational buildings. Mobility within the campus is provided similarly by pedestrian transportation.

The Main Campus, with an area of nearly two million square meters, is the campus where transportation mobility is the most due to the number of buildings and facilities where the education-training-research activities of the university are carried out and the number of staff. Mobility is provided by pedestrian transportation, bicycle, private vehicle, and shuttle services.

Table 10 indicates the area of the campuses and the types of transportation for the mobility.

Table 10. The area of the campuses and types of transportation

Name of the Campus	Area (m ²)	Ratio to the Main Campus Area	Ratio to the Total Area	Mobility Within the Campus
Derbent Campus	15,159	1%	1%	Pedestrian
Aşağı Kayabaşı Campus	20,362	1%	1%	Pedestrian
Ulukışla Campus	115,971	6%	5%	Pedestrian
Bor Campus	152,541	8%	6%	Pedestrian
BESYO Campus	188,216	9%	7%	Pedestrian
Main Campus	2,021,794	100%	80%	Pedestrian, Bicycle, Shuttle Service, Private vehicle

5.1 Number of cars actively used and managed by the university (NC)

It is the inventory of vehicles with internal combustion engines owned or operated by the university. This number will then be added to the average number of vehicles per day. The number of vehicles registered in the university common pool is 31, and the number of vehicles operated by rental is 7.

Table 11. Number of vehicles registered to the university

Campus	Number of cars actively used and managed by the university
All campuses	38

5.2 Number of cars entering the university daily (NCE)

In order to calculate NCE, the number of vehicles with internal combustion engines entering the university has been taken into account. The number of vehicles entering the central campuses is kept on daily basis.

Since entry records are not kept in other campuses, daily vehicles have been estimated for other campuses according to the daily vehicle entry per person on the number of students, administrative and academic staff.

Table 12 shows the total number of vehicles and daily averages for January-June 2021. The table also shows the number of registered vehicles in the campuses. Greenmetric suggests

averaging the average daily traffic during the academic and holiday seasons for the NCE calculation. In order to estimate the vehicle entries in other campuses, the NCE value of the Central Campus has been divided by the campus population and the number of vehicles per person has been found out. This value is 0.05 vehicles/day*person for the main campus.

Table 12. Vehicle Entering the Main Campus on a monthly basis

Campus	Number of Vehicles on a monthly basis -2022					
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
Monthly Vehicle (vehicle/day)	20001	30038	63247	58247	20756	54901
Number of Days	31	28	31	30	31	30
Daily Vehicle (vehicle/day)	645	1073	2040	1942	670	1830
Average Daily vehicle (vehicle/day)	1343					
Vehicle entry per person (Population coefficient) (vehicle/day*person)	0.05					

Vehicle entries for other campuses have been obtained by multiplying this value with the population of the campus. Since this value is derived from the Main Campus, the NCE value in the university will naturally be equal to the NCE value in the Main Campus. Table 13 shows the vehicle entry estimates for satellite campuses.

Table 13. NCE Estimates of Satellite Campuses

	Std.	Adm.	Aca.	total	NCE 0.05*population
Main Campus	15617	545	765	16927	846.4
Derbent Campus	3423	48	98	3569	178.5
Aşağı Kayabaşı Campus	2860	42	55	2957	147.9
Besyo Campus	90	25	33	148	7.4
Bor Campus	1560	38	78	1676	83.8
Ulukışla Campus	237	14	13	264	13.2
Total	23787	712	1042	25541	1277.05

Std.: Student, Adm.: Administrative, Aca.: academic

5.3 Number Of motorcycles entering the university daily (NME)

In order to calculate NME, the number of motorcycles with internal combustion engines entering the university has been taken into account. Since the number of motorcycles entering the university campuses cannot be recognized by the system, the counting was carried out on the busiest day, May-Monday, during the peak hours between 8:30 and 9:30 in the morning. Since no data is available for the holiday, data of the holiday period has been found by multiplying data belonging to May by 0.5. Daily traffic has been multiplied by 8 considering the active period lasting eight hours. The NME value for the university was estimated as 140 motorcycles/day. NME estimates have been calculated for other campuses.

Table 14. Number of Vehicles Entering the Campuses

CAMPUS	NME (Motorcycle/day)	Population	Population Coefficient (motosiklet/gün*kişi)
Main Campus	90	16927	0.0053
Derbent Campus	19	3569	
Aşağı Kayabaşı Campus	16	2957	
Besyo Campus	1	148	
Bor Campus	9	1676	
Ulukışla Campus	1	264	
Total	136	25541	

5.4 The total number of vehicles (cars and motorcycles with combustion engines) divided by the total campus' population (TR.1)

Its unit is vehicle/person and this value is used for the Greenmetric criterion of transportation (TR.1). Greenmetric divides this criterion into 5 classes between 0.0045-1.0 (Table 15). The number of vehicles owned and operated by the university has been obtained by dividing the total of the average daily vehicles entering the campus and the average daily number of motorcycles entering the campus by the campus population (Table 16).

Table 15. Greenmetric TR.1 Classification

Greenmetric Classification	1	2	3	4	5
(vehicle/person)	>=1	0.5- 1	0.125- 0.5	0.045- 0.125	< 0.045

Table 16. Number of Vehicles Per Person

	Campus Population (2021)				Number of Vehicles (2021)			TR.1 Value	TR.1 Class	
	Std.	Adm.	Aca.	Total	NC	NCE	NME			Total
Main Campus	15617	545	765	16927		846.4	90			
Derbent Campus	3423	48	98	3569		178.5	19			
Aşağı Kayabaşı Campus	2860	42	55	2957		147.9	16			
Besyo Campus	90	25	33	148		7.4	1			
Bor Campus	1560	38	78	1676		83.8	9			
Ulukışla Campus	237	14	13	264		13.2	1			
Total	23787	712	1042	25541	38	1277.05	136	1451	0.057	3

Std.: Student, Adm.: Administrative, Aca.: academic

5.5 Shuttle Service (TR.2)

It represents the shuttle service offered within the campus. Public transportation service is free within the campuses, and this service is also offered in the campuses where the average walking distance is longer. Since some campuses are small in area, only pedestrian transportation is

available in these campuses. Therefore, these campuses are not included in the shuttle service assessment. The assessment of this criterion is shown in Table 17.

Table 17. Greenmetric TR.2 criterion

1	Shuttle service is offered by parties that doesn't belong to the university.
2	Shuttle service is offered by the university or other parties on a regular basis and for a fee.
3	Shuttle service is offered by the university or other parties, some part of the cost is afforded by the university.
4	Shuttle service is offered by the university, regular and free
5	Shuttle service is offered by the university on a regular basis and with zero-emission vehicles, or the use the shuttle service in the campus is not available.

Table 18 Assessment of Shuttle Service

	Main Campus	Aşağı Kayabaşı Campus	Besyo Campus	Bor Campus	Ulukışla Campus	Greenmetric Veri Girişi
TR2	1	X	X	X	X	1

5.6 Number of shuttle services serving in the campus

This value shows the number of shuttle vehicles serving in the campus. This assessment has been made for the Main Campus because of the fact that only pedestrian mobility is available on the satellite campuses. Shuttle service is provided by the Line Campus A-Niğde Evleri. The number of vehicles serving in this line is 15.

Table 19. Number of shuttle services operating on the campus

	Main Campus	Aşağı Kayabaşı Campus	Besyo Campus	Bor Campus	Ulukışla Campus
TR2	15	0	0	0	0

5.7 Average number of shuttle passengers serving in the campus

This value represents the number of passengers served within the campus during a trip. Greenmetric accepts the number of seats of the shuttle services as a reference value while calculating this value. The public transportation vehicles that offer shuttle services within the Main Campus are the brand of Otokar and the seat capacity is 24 people (Figure 70).

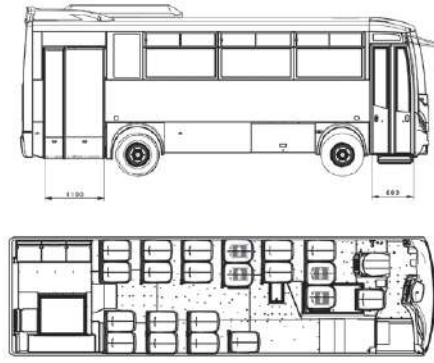


Figure 65. The Shuttle Service, the brand of Otokar

Evidence: <https://commercial.otokar.com.tr/OtokarTicari/media/Otokar-Ticari/brosur/SULTAN-CITY-EURO6-KS64TK-20-onizleme-new.pdf>

5.8 Total journeys of each service every day

Shuttle service is offered by the public transportation system on the Line Campus A-Niğde Evleri according to a timetable (Figure 71). According to this schedule, there is a total of 264 shuttle services during the day.

KAMPÜS A - NIĞDE EVLERİ HATTI SAATLERİ								
06:10	07:40	09:00	11:08	13:16	15:22	16:58	18:36	21:30
06:20	07:45	09:08	11:16	13:24	15:28	17:04	18:44	21:45
06:30	07:50	09:16	11:24	13:32	15:34	17:10	18:52	22:00
06:35	07:55	09:24	11:32	13:40	15:40	17:16	19:00	22:20
06:40	08:00	09:32	11:40	13:48	15:46	17:22	19:10	22:40
06:45	08:05	09:40	11:48	13:56	15:52	17:28	19:20	23:12
06:50	08:10	09:48	11:56	14:04	15:58	17:34	19:30	
06:55	08:15	09:56	12:04	14:12	16:04	17:40	19:40	
07:00	08:20	10:04	12:12	14:20	16:10	17:46	19:50	
07:05	08:25	10:12	12:20	14:28	16:16	17:52	20:00	
07:10	08:30	10:20	12:28	14:36	16:22	17:58	20:12	
07:15	08:35	10:28	12:36	14:44	16:28	18:04	20:24	
07:20	08:40	10:36	12:44	14:52	16:34	18:10	20:36	
07:25	08:45	10:44	12:52	15:00	16:40	18:16	20:48	
07:30	08:50	10:52	13:00	15:08	16:46	18:22	21:00	
07:35	08:55	11:00	13:08	15:16	16:52	18:28	21:15	

Figure 66. Timetable of the Shuttle Service

Evidence: <https://www.nigde.bel.tr/otobus-saatleri>

5.9 Zero emission vehicle (ZEV) policies on campus (TR.3)

This measure assesses the policies regarding the use of zero-emission vehicles on campus. Table 21 shows the evaluation of how the use of vehicles that emit zero emissions, such as bicycles, canoes, snowboards, and electric vehicles are encouraged.

Table 20. TR.3 Criteria Assessment Table

#	Requirements for the criteria
1	Zero-Emission Vehicles are not available
2	The use of Zero-Emission Vehicle is not possible or practical
3	Zero-Emission Vehicles are available but not offered by the university
4	Zero-Emission Vehicles are available that are offered by the university and for a fee
5	Zero-Emission Vehicles are available and offered by the university free of fee

Table 21. Number of ZEV

	TR.3	Explanation
Main Campus	5	Free bicycle service is offered by the university.
Aşağı Kayabaşı Campus	X	Not considered because only pedestrian traffic is available.
Besyo Campus	X	Not considered because only pedestrian traffic is available.
Bor Campus	X	Not considered because only pedestrian traffic is available.
Ulukışla Campus	X	Not considered because only pedestrian traffic is available.
Greenmetric Data Entry	5	

5.10 Use of average zero-emission vehicle on a daily basis

It shows the use of average zero-emission vehicles, personal or university-owned, within the campus. In order to calculate this value, zero-emission vehicles passing through the gate at the peak hour (8:30-9:30) in the morning of May-Monday were counted.

The number of ZEVs counted at the mentioned peak hour in the morning for the campuses is shown in Table 22. For daily traffic, the count within an hour has been multiplied by 8 considering the active period lasting eight hours. ZEV numbers For other campuses has been calculated with the population coefficient in a similar way to the NCE.

Table 22. Number of ZEV

	Bic.	Sco.	EV	Oth.	Total	Total Pop.	Pop. Coeff.	TR.4 Value	TR.4 Class
Main Campus	42	0	0	0	42	16927	0.00248		
Derbent Campus	9				9	3569			
Aşağı Kayabaşı Campus	7	0	0	0	7	2957			
Besyo Campus	0	0	0	0	0	148			
Bor Campus	4	0	0	0	4	1676			
Ulukışla Campus	1	0	0	0	1	264			
Total	63				63	25541		0.00247	2

Bic.: Bicycle, Sco: Scooter, EV: Electric Vehicle, Oth.:Other

Evidence:



Bicycle Path



Bicycle Park

Bicycle infrastructure

5.11 Number of ZEVs per person each day on the Campus (TR.4)

The unit of this value, which is obtained by dividing the average daily number of ZEVs by the total population on the campus, is ZEV/person.

Table 23. Greenmetric TR.4 Classification

Greenmetric Classification (ZEV/person)	1	2	3	4	5
	≤ 0.002	0.002- 0.004	0.004- 0.008	0.008- 0.02	0.02

Table 23 shows the values obtained by dividing the number of ZEVs by the total population and the relevant TR.4 value.

5.12 Total ground parking area (m2)

The total area (m2) of the parking areas reserved for private cars within the campus will be calculated. Table 24 shows these parking areas belonging to the campuses.

Table 24. Total Parking Area within the Campus

Name of the Campus	Total Area m ²	Parking Area m ²	Ratio TR.3
Derbent Campus	15159	605	4.0%
Aşağı Kayabaşı Campus	20362	1189	5.8%
Ulukışla Campus	115971	742	0.6%
Bor Campus	152541	2780	1.8%
BESYO Campus	188216	749	0.4%
Main Campus	2021794	50077	2.5%
Total	2514042	56143	2.2%

5.13 The ratio of the ground parking area to total campus area (TR.5)

Greenmetric accepts these values, which are obtained by dividing the parking areas calculated in 24 by the total campus areas, as TR.5 criteria according to the classification.

Tablo 25. Greenmetric TR.5 Classification

Greenmetric TR.5 Classification	1	2	3	4	5
(%)	11	7- 11	4- 7	1- 4	1

Tablo 26. Total Parking Areas on the Campus divided by Total Campus Area

Name of the Campus	Ratio Parking	TR.5 Entry
Derbent Campus	4.0%	
Aşağı Kayabaşı Campus	5.8%	
Ulukışla Campus	0.6%	
Bor Campus	1.8%	
BESYO Campus	0.4%	
Main Campus	2.5%	
Total	2.2%	4
Greenmetric Data Entry		4

5.14 Program to limit or decrease the parking area on campus for the last 3 years (from 2019 to 2021) (TR.6)

It includes the efforts by the university administration to reduce the parking areas. These efforts must belong to the last three years.

Table 27. Greenmetric TR.6 classification

#	The Assessment of Greenmetric TR.6 Program for Park Area Limitation and Reduction
1	Program is not available
2	Preparation Program (i.e. feasibility study and promotion)
3	Program resulted in less than 10% reduction in parking area
4	Program resulted in a 10-30% reduction in parking area
5	Program resulted in more than 30% reduction in parking space or reducing the parking space

This criterion will be entered as 1 for Greenmetric criteria, because any attempts by the University to reduce parking spaces in the last three years has not been available.

5.15 Number of initiatives to decrease private vehicles on campus (TR.7)

It includes the number of attempts that limit or reduce the number of private vehicles on campus. Car-free days, car-sharing, high parking fees, subway/tram/bus services, bike-sharing, low-fare subscriptions, etc. are accepted as such attempts. The number of attempts is entered as TR.7 criterion according to Table 28.

Table 28. Greenmetric TR.7 classification

#	Greenmetric TR.6 Assessment of the Program for Park Area Limitation or Reduction
1	No Attempt
2	1 Attempt is available
3	2 Attempts are available
4	3 Attempts are available
5	More than 3 attempts are available

1-It is obligatory to get a vehicle stamp for entrance to the campus. Vehicle stamps are bought by the students at an annual cost. This practice limits and reduces the use of vehicles on the campus to a large extent.

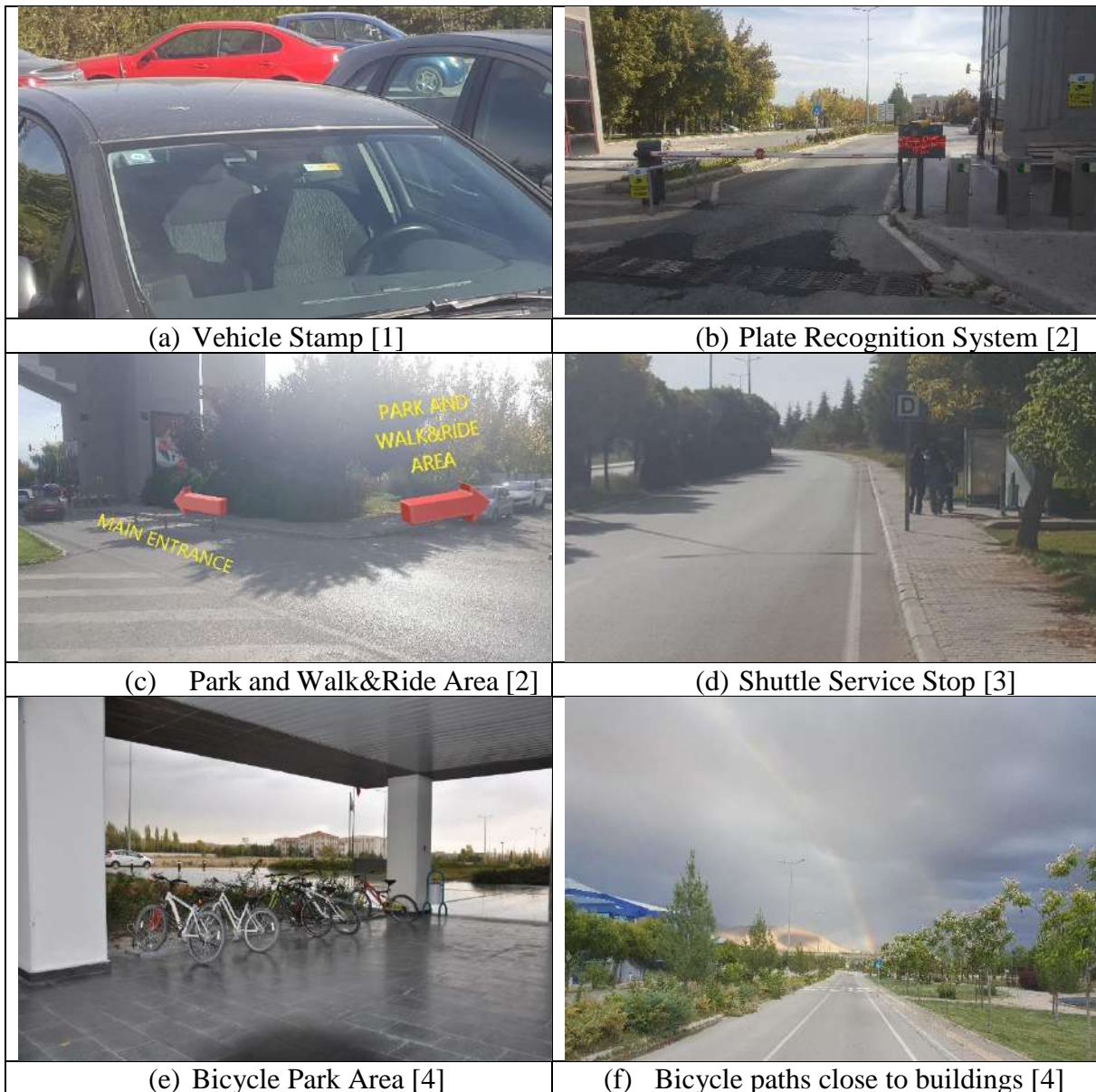
2- Foreign vehicles are restricted for entrance to the campus. Vehicles without reference or not to pass plate recognition system have to park outside the campus drivers have to park and walk or ride with shuttle service.

3- Public transport vehicles allow to get on and get off within the campus for free. This application also serves as a shuttle application because they go in two-way. In this way, the use of vehicles within the campus is reduced.

4- A certain part of the roads with bicycle parks in front of the buildings have been designated as bicycle paths. In this way, the use of bicycles is encouraged, and the use of vehicles is reduced.

For the Greenmetric TR.7 criterion, the value of the university is 5.

Evidence:



5.16 Pedestrian path on campus (TR.8)

The condition of pedestrian roads on the campus is classified according to Table 29 and entered as TR.8 criterion.

Table 29. Greenmetric TR.8 classification

#	Assessment of Greenmetric TR.8 Pedestrian Roads
1	None
2	Pedestrian roads are available
3	Pedestrian paths are available and designed for safety.
4	Pedestrian paths are available, designed for safety and convenience
5	Pedestrian paths are available, designed for safety and comfort, and disability-friendly features are available in some parts.

The terms safety, convenience, and disability-friendly in the table represent the following situations.

Safety: Equipped with adequate lighting, some rails separating vehicles and pedestrian paths

Convenience: level difference with a slight slope for walking by the pavement, areas covered with soft (rubber, forests, etc.) material, guiding signs and boards are available for the use of local information

Disabled-friendly: Ramps and guiding blocks designed for physically disabled pedestrians

On the campuses, there are some roads that are open only to pedestrians, and there are guide stones for the disabled people. In addition, the sections where vehicle traffic and pedestrian traffic overlap are separated by pedestrian roads and rails. For the Greenmetric criterion, this TR.8 value will be entered as 5.

5.17 The approximate daily travel distance of a vehicle inside your campus only (in Kilometers)

It is the length, by kilometers, of the daily journey of a vehicle (i.e. bus, car, motorcycle) within the campus. For the calculation of this length, the shortest path from the entrance gate to the parking area of each building in the campus has been calculated and its average (1.3 km) has been taken. If it is accepted that a vehicle enters and exits within the university during the day, the average daily journey length of a vehicle within the campus is calculated as 2.6 km.

6. EDUCATION AND RESEARCH

6.1. Number of courses/subjects related to sustainability offered

637

6.2. Total number of courses/subjects offered

8363

6.3. Number of sustainability courses divided by total courses/subjects

The total number of courses in the 2- and 4-year education programs of NOHU is 8363. 637 of these courses are related to sustainability, which corresponds to 8% of all courses.

Table 30. Total Number of Courses/Subjects Related to Sustainability by Faculties

FACULTY	TOTAL COURSES	COURSES/SUBJECTS RELATED TO SUSTAINABILITY
Education	1324	31
Arts and Sciences	1176	79
Economics and Administrative Sciences	655	69
Islamic sciences	142	23
Architecture	192	60
Fine Arts	126	5
Medicine	79	9
Engineering	1105	89
Communication	287	17
Sport Sciences	451	160
Agricultural Sciences and Technologies	430	33
Bor Health Sciences	89	38
Zübeyde Hanım Faculty of Health Sciences	1296	55
V.S.	1462	129
TOTAL	8363	637

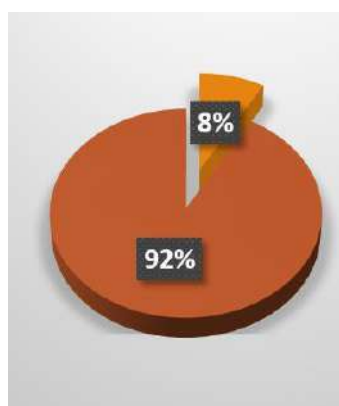


Figure 67. Total Number of Courses/Subjects Related to Sustainability by Faculties

Table 31. Total Number of Courses/Subjects Related to Sustainability by Faculties

Department	Namen of the Course	Hour / AKTS	Link
Finance and Banking	BAF4033 ENERJİ EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAF4033
Finance and Banking	BAF3038 İNSAN KAYNAKLARI YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAF3038
Economy	IKT3015 ENERJİ EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3015
Economy	IKT3019 TARIM EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3019
Economy	IKT3021 STRATEJİK PLANLAMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3021
Economy	IKT3023 STRATEJİK EKONOMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3023
Economy	IKT3024 İNSAN KAYNAKLARI YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3024
Economy	IKT3002 ULUSLARARASI İKTİSAT POLİTİKASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3002
Economy	IKT3030 ÜRETİM EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3030
Economy	IKT3032 DOĞAL KAYNAKLAR EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT3032
Economy	IKT4003 KALKINMA EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4003
Economy	IKT4015 ULUSLARARASI İKTİSADİ KURULUŞLAR VE BÜTÜNLEŞME	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4015
Economy	IKT4017 BÖLGESEL İKTİSAT	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4017
Economy	IKT4025 ÇEVRE EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4025
Economy	IKT4002 DÜNYA EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4002
Economy	IKT4004 BÜYÜME TEORİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4004
Economy	IKT4020 EKONOMİK COĞRAFYA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4020
Economy	IKT4024 ULUSLARARASI FİNANS	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4024
Economy	IKT4030 RİSK YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4030
Economy	IKT4036 ULUSLARARASI POLİTİK EKONOMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4036
Economy	IKT4038 GİRİŞİMCİLİK	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IKT4038
Business	ISL2004 İNSAN KAYNAKLARI YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL2004

Business	ISL3011 ULUSLARARA SI FİNANS	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL3011
Business	ISL3017 TÜKETİCİ DAVRANIŞLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL3017
Business	ISL4007 SERMAYE PİYASASI ANALİZİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4007
Business	ISL4015 RİSK YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4015
Business	ISL4023 İŞ AHLAKI VE SOSYAL SORUMLULUK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4023
Business	ISL4029 ULUSLARARA SI İKTİSAT	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4029
Business	ISL4031 ENERJİ HUKUKU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4031
Business	ISL4024 LİDERLİK VE MOTİVASYON	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4024
Business	ISL4032 GİRİŞİMCİLİK	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4032
Business	ISL4034 ENERJİ DİPLOMASİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ISL4034
Public Administration	KAM2001 ÇEVRE POLİTİKASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM2001
Public Administration	KAM2002 ÇEVRE HUKUKU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM2002
Public Administration	KAM3005 KENTLEŞME POLİTİKASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3005
Public Administration	KAM3013 KENT EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3013
Public Administration	KAM3023 LİDERLİK VE MOTİVASYON	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3023
Public Administration	KAM3006 KENT PLANLAMASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3006
Public Administration	KAM3012 ULUSLARARASI İKTİSAT	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3012
Public Administration	KAM3018 KÜRESELLEŞME VE POSTMODERNİTE	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3018
Public Administration	KAM3028 BÖLGESEL KALKINMA POLİTİKALARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM3028
Public Administration	KAM4006 İNSAN HAKLARI HUKUKU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM4006
Public Administration	KAM4026 GİRİŞİMCİLİK	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KAM4026
Finance	MLY3023 ULUSLARARASI ENERJİ POLİTİKALARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MLY3023
Finance	MLY4026 GİRİŞİMCİLİK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MLY4026
Finance	MLY4034 İKTİSADİ BÜYÜME VE KALKINMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MLY4034
Finance	MLY4046 ULUSLARARASI POLİTİK EKONOMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MLY4046
Political Science and International relations	SBU1003 ULUSLARARASI	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU1003

	İLİŞKİLER KAVRAMLARI		
Political Science and International relations	SBU2012 KARŞILAŞTIRMALI SİYASAL SİSTEMLER	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU2012
Political Science and International relations	SBU3001 ULUSLARARASI HUKUK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3001
Political Science and International relations	SBU3007 DIŞ POLİTİKA ANALİZLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3007
Political Science and International relations	SBU3031 ULUSLARARASI SİYASAL İKTİSAT	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3031
Political Science and International relations	SBU3035 ENERJİ HUKUKU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3035
Political Science and International relations	SBU3024 MİLLİYETÇİLİK, ETNİSİTE VE AZINLIKLAR	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3024
Political Science and International relations	SBU3034 SİYASİ COĞRAFYA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3034
Political Science and International relations	SBU3036 ENERJİ DİPLOMASİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU3036
Political Science and International relations	SBU4033 ULUSLARARASI ENERJİ POLİTİKALARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU4033
Political Science and International relations	SBU4039 ULUSLARARASI İKTİSAT	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU4039
Political Science and International relations	SBU4045 DEMOKRASİ VE İNSAN HAKLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU4045
Political Science and International relations	SBU4044 GİRİŞİMCİLİK	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBU4044
International Trade and Logistics	UTL2008 ULUSLARARASI FİNANS	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL2008
International Trade and Logistics	UTL3030 ULUSLARARASI EKONOMİ VE KÜRESELLEŞME	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL3030
International Trade and Logistics	UTL4045 TÜKETİCİ DAVRANIŞLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4045
International Trade and Logistics	UTL4053 ULUSLARARASI HUKUK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4053
International Trade and Logistics	UTL4024 ÇEVRE VE ENERJİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4024
International Trade and Logistics	UTL4026 LİDERLİK VE MOTİVASYON	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4026
International Trade and Logistics	UTL4036 DOĞAL AFETLER VE AFET EĞİTİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4036
International Trade and Logistics	UTL4038 DÜNYA EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4038

International Trade and Logistics	UTL4046 İNSAN KAYNAKLARI YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/UTL4046
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Table 32. Total Number of Courses/Subjects Related to Sustainability by Faculties (continued)

Department	Course	Hour / AKTS	Link
Public Relations and Advertising	HIR2011 TÜKETİCİ DAVRANIŞLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR2011
Public Relations and Advertising	HIR3020 PROJE HAZIRLAMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR3020
Public Relations and Advertising	HIR3022 GİRİŞİMCİLİK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR3022
Public Relations and Advertising	HIR3026 KÜLTÜRLERARASI İLETİŞİM	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR3026
Public Relations and Advertising	HIR4027 KÜRESELLEŞME VE POSTMODERNİTE	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR4027
Public Relations and Advertising	HIR4035 İNSAN KAYNAKLARI YÖNETİMİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR4035
Public Relations and Advertising	HIR4036 ÇEVRE VE POLİTİKALARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HIR4036
Radio, Television and Cinema	RTS3037 KÜRESELLEŞME VE MEDYA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RTS3037
Radio, Television and Cinema	RTS3046 KÜLTÜRLERARASI İLETİŞİM	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RTS3046
Radio, Television and Cinema	RTS3048 SİYASAL İLETİŞİM	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RTS3048
Radio, Television and Cinema	RTS4021 MEDYA VE TÜKETİM TOPLUMU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RTS4021
Journalism	GZT2016 İNTERNET KAMUOYU VE DEMOKRASİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT2016
Journalism	GZT3009 İLETİŞİM, MEDYA VE ETİK	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT3009
Journalism	GZT3017 İNSAN HAKLARI VE DEMOKRASİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT3017
Journalism	GZT3016 MEDYA VE TÜKETİM TOPLUMU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT3016
Journalism	GZT3022 GİRİŞİMCİLİK	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT3022
Journalism	GZT3034 SOSYAL SORUMLULUK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GZT3034

Table 33. Total Number of Courses/Subjects Related to Sustainability by Faculties (continued)

Department	Course	Hour / AKTS	Link
Computer Education and Instructional Technologies Teaching	BTO3010 TOPLUMA HİZMET UYGULAMALARI	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BTO3010

Psychological Counseling and Guidance	RPZ1003 KÜLTÜREL ANTROPOLOJİ	2/4	https://www.ohu.edu.tr/egitimfakultesi/rehberlikpsikolojikdanismanlik/dersplani
Guidance and Psychological Counseling	RPS0016 YETİŞKİN EĞİTİMİ VE HAYAT BOYU ÖĞRENME	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RPS0016
Guidance and Psychological Counseling	RPS0029 ÇALIŞMA SOSYOLOJİSİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RPS0029
Guidance and Psychological Counseling	RPS0031 ENDÜSTRİ VE ÖRGÜT PSİKOLOJİSİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RPS0031
Guidance and Psychological Counseling	EGS0001 BAĞIMLILIK VE BAĞIMLILIKLA MÜCADELE	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EGS0001
Guidance and Psychological Counseling	EGS0002 BESLENME VE SAĞLIK	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EGS0002
Guidance and Psychological Counseling	EGS0005 EKONOMİ VE GİRİŞİMCİLİK	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EGS0005
Guidance and Psychological Counseling	EMS0001 AÇIK VE UZAKTAN ÖĞRENME	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EMS0001
Guidance and Psychological Counseling	EMS0021 SÜRDÜRÜLEBİLİR KALKINMA VE EĞİTİM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EMS0021
Guidance and Psychological Counseling	EGZ0008 TOPLUMA HİZMET UYGULAMALARI	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EGZ0008
Guidance and Psychological Counseling	RPS0033 İNSAN KAYNAKLARI YÖNETİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RPS0033
Guidance and Psychological Counseling	EGS0007 İNSAN HAKLARI VE DEMOKRASİ EĞİTİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EGS0007
Guidance and Psychological Counseling	RPS0039 YAŞAM BOYU KARIYER GELİŞİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RPS0039
Guidance and Psychological Counseling	EMZ0014 ÖZEL EĞİTİM VE KAYNAŞTIRMA	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EMZ0014
Art Education	RES2019 RESTORASYON VE KONSERVASYON	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RES2019
Science Education	FBO3006 ÇEVRE BİLİMİ	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBO3006
Science Education	FBO3018 EKONOMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBO3018
Science Education	FBO4003 EVRİM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBO4003
Science Education	FBZ4005 ÇEVRE EĞİTİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBZ4005
Science Education	FBS0009 TÜRKİYE'NİN BİYOLOJİK ZENGİNLİKLERİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBS0009
Science Education	FBS0005 FEN VE TEKNOLOJİ KAYNAKLI SORUNLAR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBS0005
Science Education	FBS0010 YENİLENEBİLİR ENERJİ KAYNAKLARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FBS0010
Social Sciences Education	SBZ1006 SOSYAL ANTROPOLOJİ VE MEDENİYET TARİHİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBZ1006
Social Sciences Education	SBO1010 EKONOMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBO1010
Social Sciences Education	SBZ1002 SİYASET BİLİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBZ1002
Social Sciences Education	SBZ1008 GENEL BEŞERİ VE EKONOMİK COĞRAFYA	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBZ1008
Social Sciences Education	SBO4009 GÜNÜMÜZ DÜNYA SORUNLARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBO4009
Social Sciences Education	SBZ4003 AFETLER VE AFET YÖNETİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBZ4003

Social Sciences Education	SBS0004 KÜRESELLEŞME VE TOPLUM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBS0004
Social Sciences Education	SBO4006 SOSYAL PROJE GELİŞTİRME	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SBO4006
Department	Course	Hour / AKTS	Link
Architecture	MIM2023 HERKES İÇİN TASARIM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM2023
Architecture	MIM2025 PEYZAJ TASARIMI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM2025
Architecture	MIM3003 YAPI FİZİĞİ VE ÇEVRE DENETİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3003
Architecture	MIM3053 KENTLEŞME SORUNLARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3053
Architecture	MIM3065 İLETİŞİM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3065
Architecture	MIM3071 GİRİŞİMCİLİK	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3071
Architecture	MIM3029 TARİHİ ÇEVRE KORUMA	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3029
Architecture	MIM3031 BİNALARDA DOĞAL AYDINLATMA	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3031
Architecture	MIM3004 RESTORASYON VE KORUMA İLKELERİ	4/8	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3004
Architecture	MIM3030 EKOLOJİ VE MİMARLIK	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3030
Architecture	MIM3032 KENT YENİLEME	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3032
Architecture	MIM3044 ÇEVRE VE ENERJİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3044
Architecture	MIM3046 ÇEVRE VE TOLUM	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3046
Architecture	MIM3052 İNSAN KAYNAKLARI YÖNETİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM3052
Architecture	MIM4005 ŞEHİRCİLİK	2/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4005
Architecture	MIM4027 KENTLERİN GELİŞİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4027
Architecture	MIM4033 ÇİFT CİDARLI CEPHELER	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4033
Architecture	MIM4022 GELENEKSEL YAPILARDA MALZEME BOZULMALARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4022
Architecture	MIM4026 RESTORASYON TEKNİKLERİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4026
Architecture	MIM4030 ÇEVRESEL ETKİ VE DEĞERLENDİRME	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4030
Architecture	MIM4032 İNSAN VE ÇEVRE BİLİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4032
Architecture	MIM4034 KENT VE KÜLTÜR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4034
Architecture	MIM4036 KENTLEŞME VE İKLİM DEĞİŞİKLİĞİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MIM4036
Landscape Architecture	PEM1007 JEOMORFOLOJİ	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM1007

Landscape Architecture	PEM1009 PEYZAJ EKOLOJİSİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM1009
Landscape Architecture	PEM1006 DENDROLOJİ	4/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM1006
Landscape Architecture	PEM2009 DENDROLOJİ II	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2009
Landscape Architecture	PEM2011 PEYZAJ MÜHENDİSLİĞİ I	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2011
Landscape Architecture	PEM2021 ÇİM VE SPOR ALANLARI	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2021
Landscape Architecture	PEM2023 ÇEVRE SORUNLARI	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2023
Landscape Architecture	PEM2027 GENEL EKOLOJİ	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2027
Landscape Architecture	PEM2008 SÜS BİTKİLERİ ÜRETİM TEKNİĞİ	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2008
Landscape Architecture	PEM2010 BİTKİSEL TASARIM I	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2010
Landscape Architecture	PEM2020 PEYZAJ PLANLAMA YÖNTEMLERİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2020
Landscape Architecture	PEM2022 AĞAÇLANDIRMA TEKNİKLERİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2022
Landscape Architecture	PEM2024 DOĞAL BİTKİ ÖRTÜSÜ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM2024
Landscape Architecture	PEM3003 ÇEVRESEL ETKİ DEĞERLENDİRMESİ	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3003
Landscape Architecture	PEM3005 BİTKİSEL TASARIM II	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3005
Landscape Architecture	PEM3021 DOĞA KORUMA VE MİLLİ PARKLAR	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3021
Landscape Architecture	PEM3027 PEYZAJ MÜHENDİSLİĞİ II	4/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3027
Landscape Architecture	PEM3004 KENTSEL AÇIK VE YEŞİL ALAN PLANLAMA	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3004
Landscape Architecture	PEM3006 TURİZM VE REKREASYONEL ALAN PLANLAMA	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3006
Landscape Architecture	PEM3008 ÇİM VE YER ÖRTÜCÜLER	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3008
Landscape Architecture	PEM3010 PEYZAJ YÖNETİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3010
Landscape Architecture	PEM3020 HERKES İÇİN TASARIM	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3020
Landscape Architecture	PEM3024 KENTSEL TASARIM	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3024
Landscape Architecture	PEM3026 TARİHİ ÇEVRE KORUMA VE DÜZENLEME	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM3026
Landscape Architecture	PEM4003 İÇ MEKAN BİTKİLENDİRME TASARIMI	4/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4003
Landscape Architecture	PEM4021 PEYZAJDA RESTORASYON VE RÖLÖVE	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4021
Landscape Architecture	PEM4039 İLETİŞİM	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4039
Landscape Architecture	PEM4043 GİRİŞİMCİLİK	4/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4043
Landscape Architecture	PEM4004 KIYI PEYZAJ PLANLAMA	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4004

Landscape Architecture	PEM4008 PEYZAJ BAKIM TEKNİĞİ	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4008
Landscape Architecture	PEM4008 EKOTURİZM	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4020
Landscape Architecture	PEM4022 ÇATI BAHÇELERİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4022
Landscape Architecture	PEM4024 BİTKİ ÜRETİM VE YETİŞTİRME TEKNİĞİ	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4024
Landscape Architecture	PEM4028 ÇEVRE VE TOPLUM	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4028
Landscape Architecture	PEM4030 ÇEVRE VE ENERJİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4030
Landscape Architecture	PEM4032 KENT VE KÜLTÜR	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4032
Landscape Architecture	PEM4038 İNSAN KAYNAKLARI YÖNETİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/PEM4038

Table 34. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Painting	GSR4004 SANAT VE ÇEVRE	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GSR4004
Textile and Fashion Design	TMT1009 ELYAF VE İPLİK TEKNOLOJİSİ	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TMT1009
Textile and Fashion Design	TMT2013 KENT VE KÜLTÜR	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TMT2013
Textile and Fashion Design	TMT4011 SÜRDÜRÜLEBİLİR MODA TASARIMI	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TMT4011
Textile and Fashion Design	TMT4012 TOPLUMA HİZMET UYGULAMALARI	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TMT4012

Table 35. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Department	Course Code and Name	Hour	AKTS	Link
Biology				
	BIO2011 EKOLOJİ	2	4	https://www.ohu.edu.tr/fenedebiyatfakultesi/biyoloji/dersplani
	BIO2014 YAŞAM BOYU SPOR	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO2014
	BIO3011 DOĞAL ALANLARIN KORUNMASI	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3011
	BIO3015 ÇEVRE KİRLİLİĞİ VE CANLILAR	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3015
	BIO3021 BİTKİ EKOLOJİSİ	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3021
	BIO3029 TOPRAK MİKROBİYOLOJİSİ	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3029
	BIO3016 BİYOLOJİK MÜCADELE	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3016
	BIO3020 FİTOKLİMATOLOJİ	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3020
	BIO3030 BİYOGÜVENLİK	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO3030
	BIO4005 ZİRAAT ENTOMOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4005
	BIO4007 HİDROBİYOLOJİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4007
	BIO4009 TOKSİKOLOJİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4009
	BIO4015 BİYOEÇİŞİTLİLİK	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4015
	BIO4017 TÜRKİYE FLORASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4017
	BIO4025 BİTKİ PATOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4025
	BIO4027 VEJETASYON	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4027
	BIO4037 ÇEVRE MİKROBİYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4037
	BIO4039 BİYOTEKNOLOJİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4039
	BIO4012 KORUMA BİYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4012

	BIO4018 TÜRKİYE VEJETASYONU	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4018
	BIO4020 KURAKLIK FİZYOLOJİSİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4020
	BIO4022 BİTKİ COĞRAFYASI	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4022
	BIO4024 TIBBİ VE EKONOMİK BİTKİLER	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4024
	BIO4028 MİLLİ PARKLAR VE YABAN HAYATI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4028
	BIO4036 ENDÜSTRİYEL MİKROBİYOLOJİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIO4036
Biotechnology				
	BYT1008 BİYOFİZİK	3	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT1008
	BYT3019 ÇEVRE BİYOTEKNOLOJİSİ	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT3019
	BYT3027 BİTKİ GEN KAYNAKLARI	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT3027
	BYT3008 EKOLOJİ VE BİYOÇEŞİTLİLİK	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT3008
	BYT4007 ÇEVRESEL ETKİ DEĞERLENDİRME	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4007
	BYT4009 BİYOLOJİK MÜCADELE	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4009
	BYT4027 TOHUM FİZYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4027
	BYT4031 ENDÜSTRİYEL BOTANİK	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4031
	BYT4002 GİRİŞİMCİLİK VE İNOVASYON	4	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4002
	BYT4004 YEŞİL TEKNOLOJİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4004
	BYT4020 KORUMA BİYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4020
	BYT4022 BİTKİLERDE STRES FİZYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BYT4022
Geography				
	COG1005 KLİMATOLOJİ VE UYGULAMALARI I	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG1005
	COG1004 KLİMATOLOJİ VE UYGULAMALARI II	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG1004
	COG1010 HİDROGRAFYA	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG1010
	COG2005 TOPRAK VE BİTKİ COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG2005
	COG2009 GEOEKOLOJİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG2009
	COG2017 ŞEHİR COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG2017
	COG2020 TÜRKİYENİN MORFOKLİMATİK İKLİMİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG2020
	COG2022 TÜRKİYENİN EKOLOJİK BÖLGELERİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG2022
	COG3007 COĞRAFİ BİLGİ SİSTEMLERİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3007
	COG3015 BİYOCOĞRAFYA	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3015
	COG3017 FİZİKİ ORTAM VE EKOTURİZM	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3017
	COG3008 MADEN VE ENERJİ KAYNAKLARI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3008
	COG3014 ÇEVRE SORUNLARI ARAŞTIRMA YÖNTEMLERİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3014
	COG3020 TÜRKİYE RELİEF ŞEKİLLERİ VE ARAZİ KULLANIMI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG3020
	COG4005 GÜNÜMÜZ DÜNYA SORUNLARI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4005
	COG4011 HAVA FOTOLARI VE UZAKTAN ALGILAMA	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4011
	COG4017 TÜRKİYE NÜFUS VE YERLEŞME COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4017
	COG4019 TÜRKİYE SULAR COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4019
	COG4004 DOĞAL AFETLER COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4004
	COG4018 TÜRKİYE VEJETASYON COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4018
	COG4020 TÜRKİYE SANAYİ VE ULAŞIM COĞRAFYASI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/COG4020
Physics				

	FIZ2008 TERMODİNAMİK VE UYGULAMALARI	4	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ2008
	FIZ3025 MALZEME BİLİMİ I	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ3025
	FIZ3014 BİYOFİZİK	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ3014
	FIZ3026 MALZEME BİLİMİ-II	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ3026
	FIZ3030 MANYETİK KİRLİLİK VE ÇEVRE	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ3030
	FIZ3038 ÇEVRE SOSYOLOJİSİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ3038
	FIZ4009 NANO BİLİM VE NANOTEKNOLOJİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ4009
	FIZ4013 YÜKSEK ENERJİ FİZİĞİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ4013
	FIZ4029 RADYASYON VE ÇEVRE BİLİMİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/FIZ4029
Chemistry				
	KIM2011 ÇEVRE KİMYASI	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM2011
	KIM2015 BOR KİMYASI	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM2015
	KIM3005 FİZİKOKİMYA I	4	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM3005
	KIM3006 FİZİKOKİMYA II	4	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM3006
	KIM4007 FOTOKİMYA	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM4007
	KIM4017 ENDÜSTRİYEL KİMYA TEKNOLOJİSİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM4017
	KIM4004 ELEKTROKİMYA	4	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM4004
	KIM4018 BİYOKİMYA TEKNOLOJİSİ	3	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/KIM4018
Art History				
	SAN4014 NİĞDE VE ÇEVRESİ KENTLEŞME SORUNLARI	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SAN4014
	SAN4020 MODERN ŞEHİRCİLİK VE TARİHİ KENT DOKUSU	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SAN4020
Sociology				
	SOS2013 KENT SOSYOLOJİSİ	3	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SOS2013
	SOS3027 ÇEVRE SOSYOLOJİSİ	3	5	https://www.ohu.edu.tr/fenedebiyatfakultesi/sosyoloji/dersplani

Table 36. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Department	Course	Hour / AKTS	Link
Computer Engineering	BLM3022 İNSAN KAYNAKLARI YÖNETİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3022
Computer Engineering	BLM3036 ÇEVRE VE ENERJİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3036
Computer Engineering	BLM3052 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3052
Computer Engineering	BLM3054 DOĞAL AFETLER VE AFET EĞİTİMİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3054
Computer Engineering	BLM3068 KENTLEŞME SORUNLARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3068
Computer Engineering	BLM3076 GİRİŞİMCİLİK	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BLM3076
Environmental Engineering	CEV2011 ÇEVRESEL METEOROLOJİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2011
Environmental Engineering	CEV2013 ARAZİDE ARITMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2013
Environmental Engineering	CEV2015 ÇEVRE MÜHENDİSLİĞİNİN TEMELLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2015
Environmental Engineering	CEV2002 ÇEVRE MİKROBİYOLOJİSİ	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2002
Environmental Engineering	CEV2004 TERMODİNAMİK	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2004

Environmental Engineering	CEV2006 ÇEVRE MÜHENDİSLİĞİ HİDROLOJİSİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2006
Environmental Engineering	CEV2008 İKLİM DEĞİŞİKLİĞİ VE ETKİLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2008
Environmental Engineering	CEV2012 ÇEVRE MÜHENDİSLİĞİ EKOLOJİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2012
Environmental Engineering	CEV2018 HİDROJEOLOJİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV2018
Environmental Engineering	CEV3001 ÇEVRE MÜHENDİSLİĞİNDE TEMEL İŞLEMLER I	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3001
Environmental Engineering	CEV3003 SU KİRLİLİĞİ KONTROLÜ	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3003
Environmental Engineering	CEV3005 HAVA KİRLİLİĞİ VE KONTROLÜ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3005
Environmental Engineering	CEV3009 DOĞAL KAYNAKLAR VE EKOLOJİK PLANLAMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3009
Environmental Engineering	CEV3011 KÜÇÜK ÖLÇEKLİ ATIKSU ARITIM SİSTEMLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3011
Environmental Engineering	CEV3013 TEMİZ VE YENİLENEBİLİR ENERJİ KAYNAKLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3013
Environmental Engineering	CEV3015 ÇEVRESEL TOKSİKOLOJİ VE RİSK DEĞERLENDİRMESİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3015
Environmental Engineering	CEV3017 ŞEHİRCİLİK VE ÇEVRE PLANLAMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3017
Environmental Engineering	CEV3019 HAVA KİRLİLİĞİ ÖLÇÜM YÖNTEMLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3019
Environmental Engineering	CEV3021 AKTİF ÇAMUR MİKROBİYOLOJİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3021
Environmental Engineering	CEV3002 ÇEVRE MÜHENDİSLİĞİNDE TEMEL İŞLEMLER II	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3002
Environmental Engineering	CEV3004 SU TEMİNİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3004
Environmental Engineering	CEV3006 TOPRAK VE YERALTI SUYU KİRLİLİĞİ	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3006
Environmental Engineering	CEV3010 HAVZA ANALİZİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3010
Environmental Engineering	CEV3012 TEMİZ ÜRETİM	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3012
Environmental Engineering	CEV3014 ARITMA ÇAMURLARININ UZAKLAŞTIRILMASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3014
Environmental Engineering	CEV3016 ÇEVRE YÖNETİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3016
Environmental Engineering	CEV3018 ÇEVRE HUKUKU	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3018
Environmental Engineering	CEV3020 ÇEVRE EKONOMİSİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV3020
Environmental Engineering	CEV4003 KATI VE TEHLİKELİ ATIK YÖNETİMİ	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4003
Environmental Engineering	CEV4019 AB VE ÇEVRE POLİTİKALARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4019
Environmental Engineering	CEV4007 ANAEROBİK ARITIM TEKNOLOJİLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4007
Environmental Engineering	CEV4009 BİYOLOJİK AZOT VE FOSFOR GİDERİMİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4009
Environmental Engineering	CEV4011 DENİZ KİRLİLİĞİ VE KONTROLÜ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4011

Environmental Engineering	CEV4013 TOPRAK KİRLİLİĞİNİ BELİRLEME YÖNTEMLERİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4013
Environmental Engineering	CEV4015 İÇME SULARININ ARITILMASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4015
Environmental Engineering	CEV4004 ATIKSULARIN ARITILMASI VE KANALİZASYON	4/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4004
Environmental Engineering	CEV4006 ENDÜSTRİYEL KİRLİLİK KONTROLÜ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4006
Environmental Engineering	CEV4032 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4032
Environmental Engineering	CEV4058 KENTLEŞME SORUNLARI	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4058
Environmental Engineering	CEV4008 ATIKSULARIN GERİ KAZANIMI VE YENİDEN KULLANILMASI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4008
Environmental Engineering	CEV4010 NEHİR VE GÖL KİRLENMESİ VE KONTROLÜ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4010
Environmental Engineering	CEV4012 ARITMA TESİSLERİNİN İŞLETİLMESİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4012
Environmental Engineering	CEV4014 AKTİF ÇAMUR SÜREÇLERİNDE NİTRİFİKASYON VE DENİTRİFİKASYON	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4014
Environmental Engineering	CEV4016 ARITMA TESİSİ TASARIMI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4016
Environmental Engineering	CEV4018 ÇEVRESEL ETKİ DEĞERLENDİRMESİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4018
Environmental Engineering	CEV4022 KATI ATIK BERTARAFINDA BİYOLOJİK YÖNTEMLER	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4022
Environmental Engineering	CEV4024 KOMPOSTLAŞTIRMA	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/CEV4024
Electrical Electronics Engineering	EEM3015 AYDINLATMA PROJESİ	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM3015
Electrical Electronics Engineering	EEM3008 ENERJİ ÜRETİMİ VE İLETİMİ	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM3008
Electrical Electronics Engineering	EEM3024 ÇEVRE VE ENERJİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM3024
Electrical Electronics Engineering	EEM3028 YAŞAM BOYU SPOR	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM3028
Electrical Electronics Engineering	EEM4021 YENİLENEBİLİR ENERJİ KAYNAKLARI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM4021
Electrical Electronics Engineering	EEM4020 TERMODİNAMİK	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM4020
Electrical Electronics Engineering	EEM4004 ENERJİ KALİTESİ	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/EEM4004
Food Engineering	GDM2006 TERMODİNAMİK	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GDM2006
Food Engineering	GDM2020 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GDM2020
Food Engineering	GDM4012 GIDA ENDÜSTRİSİ ATIKLARI VE DEĞERLENDİRİLMESİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GDM4012
Civil Engineering	INS2033 ÇEVRE VE ENERJİ	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS2033
Civil Engineering	INS2028 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS2028
Civil Engineering	INS3012 HİDROLOJİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS3012
Civil Engineering.	INS4005 SU KAYNAKLARI	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS4005

Civil Engineering	INS4009 SU TEMİNİ VE ÇEVRE SAĞLIĞI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS4009
Civil Engineering	INS4066 SU TEMİNİ SİSTEMLERİ TASARIMI	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS4066
Civil Engineering	INS4068 SU YAPILARI TASARIMI	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/INS4068
Civil Engineering	JEO2002 HİDROJEOLJİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/JEO2002
Civil Engineering	JEO4032 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/JEO4032
Mining Engineering	MAD2002 TERMODİNAMİK VE AKIŞKANLAR MEKANİĞİ	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAD2002
Mining Engineering	MAD3038 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAD3038
Mechanical Engineering	MAK2010 TERMODİNAMİK	6/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK2010
Mechanical Engineering	MAK3018 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK3018
Mechanical Engineering	MAK4045 NÜKLEER ENERJİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4045
Mechanical Engineering	MAK4047 ENERJİ MÜHENDİSLİĞİNE GİRİŞ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4047
Mechanical Engineering	MAK4051 HİDROJEN TEKNOLOJİLERİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4051
Mechanical Engineering	MAK4028 ATIK ISI GERİ KAZANIMI	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4028
Mechanical Engineering	MAK4080 YAKIT PİLİ TEKNOLOJİLERİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4080
Mechanical Engineering	MAK4082 HAVA KİRLİLİĞİ KONTROLÜ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4082
Mechanical Engineering	MAK4084 RÜZGAR ENERJİSİ VE UYGULAMALARI	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4084
Mechanical Engineering	MAK4014 GÜNEŞ ENERJİSİ VE UYGULAMALARI	2/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MAK4014
Mechatronics Engineering	MEK2008 TERMODİNAMİK	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MEK2008
Mechatronics Engineering	MEK3028 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MEK3028
Geometric Engineering	HRT2024 YAŞAM BOYU SPOR	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HRT2024
Geometric Engineering	HRT4005 KENTSEL ALAN DÜZENLEMESİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HRT4005
Geometric Engineering	HRT4004 KIRSAL ALAN DÜZENLEMESİ	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HRT4004

Table 37. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

	Code	Name	Theorical	Practice	AKTS	Link
Training Education	ANC1003	ANTRENÖRLÜK EĞİTİMİ İLKELERİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1003
Training Education	ANC1007	SPOR BİLİMLERİNE GİRİŞ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1007
Training Education	ANC1009	İZCİLİK	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1009

Training Education	ANC1013	KIŞ DOĞA YÜRÜYÜŞÜ	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1013
Training Education	ANC1015	KIŞ KAMPÇILIĞI	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1015
Training Education	ANC1002	ANTRENÖRLÜK ETİĞİ VE SPORDA ÇOCUK KORUMA	2	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1002
Training Education	ANC1004	GELİŞİM VE ÖĞRENME	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1004
Training Education	ANC1012	SU SPORLARI KAMPI	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1012
Training Education	ANC1014	YAZ DOĞA YÜRÜYÜŞÜ	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1014
Training Education	ANC1016	YAZ KAMPÇILIĞI	0	2	0	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC1016
Training Education	ANC2003	PSİKOMOTOR GELİŞİM VE ÖĞRENME	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2003
Training Education	ANC2005	SPORCU SAĞLIĞI VE İLK YARDIM	2	1	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2005
Training Education	ANC2007	SPORDA İLETİŞİM BECERİLERİ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2007
Training Education	ANC2009	SPORDA ÖĞRETİM YÖNTEMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2009
Training Education	ANC2011	SPORDA YAŞ VE CİNSİYET FAKTÖRÜ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2011
Training Education	ANC2013	SPORDA YÖNETİM VE ORGANİZASYON	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2013
Training Education	ANC2019	ÖRGÜTSEL DAVRANIŞ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2019
Training Education	ANC2027	SPORDA PERFORMANS MONİTÖRİZASYONU	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2027
Training Education	ANC2029	SPORDA SAHA VE MALZEME BİLGİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2029
Training Education	ANC2031	SPORDA SOSYAL GÜVENLİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2031
Training Education	ANC2008	SPOR SOSYOLOJİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2008
Training Education	ANC2010	SPOR YARALANMALARI VE REHABİLİTASYON	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2010
Training Education	ANC2012	SPORDA BESLENME	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2012
Training Education	ANC2020	DAĞCILIK	1	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC2020
Training Education	ANC3001	ANTRENMAN BİLİMİ I	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3001
Training Education	ANC3003	BİLİMSEL ARAŞTIRMA TEKNİKLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3003
Training Education	ANC3005	BİYOMEKANİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3005
Training Education	ANC3007	ERGOJENİK YARDIM VE DOPİNGLE MÜCADELE	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3007
Training Education	ANC3009	SPOR PSİKOLOJİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3009
Training Education	ANC3017	DOĞA SPORLARI	1	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3017
Training Education	ANC3033	EGZERSİZ BİYOKİMYASI	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3033
Training Education	ANC3039	KARİYER PLANLAMA VE GELİŞTİRME	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3039
Training Education	ANC3041	SPOR ENDÜSTRİSİ VE PAZARLAMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3041
Training Education	ANC3043	SPOR KÜLTÜR VE FELSEFESİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3043
Training Education	ANC3047	SPORDA EKONOMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3047
Training Education	ANC3055	UZMANLIK ALAN EĞİTİMİ I (DAĞCILIK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3055
Training Education	ANC3057	UZMANLIK ALAN EĞİTİMİ I (DOĞA SPORLARI)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3057
Training Education	ANC3065	UZMANLIK ALAN EĞİTİMİ I (İZCİLİK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3065

Training Education	ANC3002	ANTRENMAN BİLİMİ II	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3002
Training Education	ANC3004	ÇOCUK VE SPOR	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3004
Training Education	ANC3006	FİZİKSEL UYGUNLUK	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3006
Training Education	ANC3010	SPORDA BECERİ ÖĞRENİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3010
Training Education	ANC3012	SPORDA YETENEK SEÇİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3012
Training Education	ANC3016	BİSİKLET	1	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3016
Training Education	ANC3032	ÇOCUKLAR İÇİN ANTRENÖRLÜK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3032
Training Education	ANC3034	FARKLI ORTAMLARDA EGZERSİZ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3034
Training Education	ANC3036	FİTNESS UYGULAMALARINDA YENİ TRENDLER	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3036
Training Education	ANC3038	SPORDA İLETİŞİM VE HALKLA İLİŞKİLER	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3038
Training Education	ANC3040	SPORDA PSİKOLOJİK YARDIM BECERİLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3040
Training Education	ANC3042	SPORUN SOSYAL PSİKOLOJİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3042
Training Education	ANC3044	YAŞ GELİŞİMİ VE BASAMAKLARI	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3044
Training Education	ANC3046	YAŞLILIK VE EGZERSİZ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3046
Training Education	ANC3048	YEREL YÖNETİMLER VE SPOR	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3048
Training Education	ANC3056	UZMANLIK ALAN EĞİTİMİ II (DAĞCILIK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3056
Training Education	ANC3058	UZMANLIK ALAN EĞİTİMİ II (DOĞA SPORLARI)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3058
Training Education	ANC3066	UZMANLIK ALAN EĞİTİMİ II (İZCİLİK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC3066
Training Education	ANC4007	SPORDA TEKNİK TAKTİK ÖĞRETİM İLKELERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4007
Training Education	ANC4019	ÖZEL KURUM VE KURULUŞLARDA SPOR YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4019
Training Education	ANC4021	SPOR HUKUKU	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4021
Training Education	ANC4023	SPOR YÖNETİMİNDE MOTİVASYONEL YAKLAŞIMLAR	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4023
Training Education	ANC4025	SPORDA İNSAN KAYNAKLARI YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4025
Training Education	ANC4067	UZMANLIK ALAN EĞİTİMİ III (DAĞCILIK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4067
Training Education	ANC4069	UZMANLIK ALAN EĞİTİMİ III (DOĞA SPORLARI)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4069
Training Education	ANC4077	UZMANLIK ALAN EĞİTİMİ III (İZCİLİK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4077
Training Education	ANC4037	DOĞAL AFETLER VE AFET EĞİTİMİ	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4037
Training Education	ANC4057	SAĞLIKLI YAŞAM VE EGZERSİZ	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4057
Training Education	ANC4059	SPORDA TEKNOLOJİ KULLANIMI	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4059
Training Education	ANC4004	EGZERSİZ VE YAŞAM KOÇLUĞU	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4004
Training Education	ANC4006	KONDİSYON ANTRENMANI VE YÖNTEMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4006
Training Education	ANC4008	SPORDA ÖLÇME VE DEĞERLENDİRME	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4008
Training Education	ANC4028	SPORDA TOPLAM KALİTE YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4028

Training Education	ANC4068	UZMANLIK ALAN EĞİTİMİ IV (DAĞCILIK)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4068
Training Education	ANC4070	UZMANLIK ALAN EĞİTİMİ IV (DOĞA SPORLARI)	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4070
Training Education	ANC4030	ANTRENÖRLÜK PEDAGOJİSİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ANC4030
Physical and Sports Education	BAZ1001	BEDEN EĞİTİMİ VE SPORUN TEMELLERİ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ1001
Physical and Sports Education	BAZ1005	HAREKET EĞİTİMİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ1005
Physical and Sports Education	BGZ1021	BİLİŞİM TEKNOLOJİLERİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGZ1021
Physical and Sports Education	BMZ1009	EĞİTİM SOSYOLOJİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ1009
Physical and Sports Education	BAZ1002	SAĞLIK BİLGİSİ VE İLK YARDIM	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ1002
Physical and Sports Education	BAZ2001	BEDEN EĞİTİMİ SPOR ÖĞRENME VE ÖĞRETİM YAKLAŞIMLARI	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ2001
Physical and Sports Education	BAZ2003	MOTOR GELİŞİM	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ2003
Physical and Sports Education	BGZ2007	TOPLUMA HİZMET UYGULAMALARI	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGZ2007
Physical and Sports Education	BMZ2009	ÖĞRETİM TEKNOLOJİLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ2009
Physical and Sports Education	BMZ2011	ÖĞRETİM İLKE VE YÖNTEMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ2011
Physical and Sports Education	BGS2019	BAĞIMLILIK VE BAĞIMLILIKLA MÜCADELE	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS2019
Physical and Sports Education	BGS2023	KARİYER PLANLAMA VE GELİŞTİRME	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS2023
Physical and Sports Education	BGS2029	ÇOCUK VE SPOR	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS2029
Physical and Sports Education	BMS2035	EĞİTİMDE PROGRAM GELİŞTİRME	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2035
Physical and Sports Education	BMS2037	KARAKTER VE DEĞER EĞİTİMİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2037
Physical and Sports Education	BMS2039	KARŞILAŞTIRMALI EĞİTİM	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2039
Physical and Sports Education	BAZ2002	BEDEN EĞİTİMİ VE SPOR ÖĞRETİM PROGRAMLARI	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ2002
Physical and Sports Education	BMZ2010	EĞİTİMDE ARAŞTIRMA YÖNTEMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ2010
Physical and Sports Education	BGS2026	YETENEK SEÇİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS2026
Physical and Sports Education	BGS2028	SPOR FELSEFESİ VE OLİMPİZM	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS2028

Physical and Sports Education	BAS2014	DAĞCILIK	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2032
Physical and Sports Education	BMS2032	EĞİTİMDE PROGRAM DIŞI ETKİNLİKLER	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2032
Physical and Sports Education	BMS2034	KADIN VE YAŞLILARDA SPOR	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2034
Physical and Sports Education	BMS2036	YAŞAM BOYU SPOR	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS2036
Physical and Sports Education	BAZ3001	ANTRENMAN BİLGİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ3001
Physical and Sports Education	BAZ3003	BEDEN EĞİTİMİ VE SPOR ÖĞRETİMİ	2	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ3003
Physical and Sports Education	BMZ3009	SINIF YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ3009
Physical and Sports Education	BMZ3011	EĞİTİMDE AHLAK VE ETİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ3011
Physical and Sports Education	BGS3019	BESLENME VE SAĞLIK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3019
Physical and Sports Education	BGS3021	BİLİM VE ARAŞTIRMA ETİĞİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3021
Physical and Sports Education	BGS3023	EKONOMİ VE GİRİŞİMCİLİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3023
Physical and Sports Education	BGS3025	İNSAN İLİŞKİLERİ VE İLETİŞİM	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3025
Physical and Sports Education	BGS3029	DOĞAL AFETLER VE AFET EĞİTİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3029
Physical and Sports Education	BAS3013	BEDEN EĞİTİMİ ÖĞRETİM MODELLERİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAS3013
Physical and Sports Education	BMS3035	HASTANEDE YATAN ÇOCUKLARIN EĞİTİMİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS3035
Physical and Sports Education	BMS3037	SPOR SAKATLIKLARINDAN KORUNMA VE REHABİLİTASYON	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS3037
Physical and Sports Education	BAZ3002	BECERİ ÖĞRENİMİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ3002
Physical and Sports Education	BAZ3006	DOĞA SPORLARI	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ3006
Physical and Sports Education	BGS3028	SPORDA PERFORMANS ÖLÇÜMÜ VE DEĞERLENDİRİLMESİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BGS3028
Physical and Sports Education	BMS3036	ÖĞRETİMİ BİREYSELLEŞTİRME VE UYARLAMA	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS3036
Physical and Sports Education	BAZ4003	EGZERSİZ VE BESLENME	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ4003
Physical and Sports Education	BMZ4007	ÖĞRETMENLİK UYGULAMASI I	2	6	10	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ4007

Physical and Sports Education	BMZ4009	ÖZEL EĞİTİM VE KAYNAŞTIRMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ4009
Physical and Sports Education	BAS4011	BEDEN EĞİTİMİ VE SPOR ÖĞRETİMİNDE EYLEM ARAŞTIRMASI	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAS4011
Physical and Sports Education	BAS4013	BİYOMEKANİK	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAS4013
Physical and Sports Education	BMS4017	ÇOCUK PSİKOLOJİSİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS4017
Physical and Sports Education	BMS4019	KAPSAYICI EĞİTİM	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS4019
Physical and Sports Education	BMS4021	MİKRO ÖĞRETİM	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS4021
Physical and Sports Education	BMS4023	YETİŞKİN EĞİTİMİ VE HAYAT BOYU ÖĞRENME	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS4023
Physical and Sports Education	BAZ4002	BEDEN EĞİTİMİ VE SPORDA YÖNETİM VE ORGANİZASYON	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ4002
Physical and Sports Education	BAZ4004	SAĞLIKLI YAŞAM İÇİN EĞZERSİZ PROGRAMLAMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAZ4004
Physical and Sports Education	BMZ4010	OKULLARDA REHBERLİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMZ4010
Physical and Sports Education	BAS4012	BEDEN EĞİTİMİ SOSYOLOJİSİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BAS4012
Physical and Sports Education	BMS4026	SÜRDÜRÜLEBİLİR KALKINMA VE EĞİTİM	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BMS4026
Sports Management	SPY1001	BEDEN EĞİTİMİ VE SPOR BİLİMLERİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1001
Sports Management	SPY1003	İŞLETME BİLİMİNE GİRİŞ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1003
Sports Management	SPY1009	PAZARLAMA İLKELERİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1009
Sports Management	SPY1004	İKTİSADA GİRİŞ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1004
Sports Management	SPY1010	YÖNETİM BİLİMİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1010
Sports Management	SPY1012	ÖRGÜT KÜLTÜRÜ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY1012
Sports Management	SPY2001	ANTRENMAN BİLGİSİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2001
Sports Management	SPY2003	SPOR VE İLETİŞİM	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2003
Sports Management	SPY2005	SOSYOLOJİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2005
Sports Management	SPY2007	SPOR YÖNETİMİ I	3	0	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2007
Sports Management	SPY2013	YÖNETİMDE ETİK	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2013
Sports Management	SPY2015	TOPLAM KALİTE YÖNTEMİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2015
Sports Management	SPY2017	KAMU YÖNETİMİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2017
Sports Management	SPY2002	ÖRGÜTSEL DAVRANIŞ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2002
Sports Management	SPY2004	SPOR EKONOMİSİ	3	0	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2004
Sports Management	SPY2008	SPOR SOSYOLOJİSİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2008
Sports Management	SPY2020	DAĞCILIK	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY2020

Sports Management	SPY3001	BİLİMSEL ARAŞTIRMA TEKNİKLERİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3001
Sports Management	SPY3005	İNSAN KAYNAKLARI YÖNETİMİ	3	0	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3005
Sports Management	SPY3007	SPOR PAZARLAMASI	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3007
Sports Management	SPY3009	TÜKETİCİ DAVRANIŞI	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3009
Sports Management	SPY3011	PAZARLAMA ARAŞTIRMASI	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3011
Sports Management	SPY3013	YÖNETİMDE STRATEJİK PLANLAMA	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3013
Sports Management	SPY3004	SPOR YÖNETİMİNDE LİDERLİK	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3004
Sports Management	SPY3006	SPOR TESİSLERİ İŞLETMESİ VE ETKİNLİK YÖNETİMİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY3006
Sports Management	SPY4009	SPOR PAZARLAMASINDA REKLAM VE TUTUNDURMA	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4009
Sports Management	SPY4011	SPORDA SPONSORLUK VE KAYNAK OLUŞTURMA	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4011
Sports Management	SPY4013	GİRİŞİMCİLİK	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4013
Sports Management	SPY4002	KARŞILAŞTIRMALI SPOR YÖNETİMİ	3	0	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4002
Sports Management	SPY4004	SPORDA HALKLA İLİŞKİLER VE MEDYA	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4004
Sports Management	SPY4008	SPOR YÖNETİMİ UYGULAMASI	1	4	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4008
Sports Management	SPY4034	DAĞCILIK	2	1	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SPY4034

Table 38. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

	Code	Name	Theory	Practice	AKTS	Link
Leather Technologies	DER1001	DERİCİLİĞE GİRİŞ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1001
Leather Technologies	DER1003	HAM DERİ VE HİSTOLOJİSİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1003
Leather Technologies	DER1005	DERİ ÜRETİMİ	2	2	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1005
Leather Technologies	DER1002	DERİ MAKİNELERİ	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1002
Leather Technologies	DER1006	GENEL DERİ TEKNOLOJİSİ	4	4	10	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1006
Leather Technologies	DER1008	DERİ MİKROBİYOLOJİSİ VE HASTALIKLARI	2	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER1008
Leather Technologies	DER2005	DERİ KİMYASI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2005
Leather Technologies	DER2027	BÜYÜKBAŞ DERİ İŞLEME TEKNİKLE	3	1	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2027
Leather Technologies	DER2029	KÜÇÜKBAŞ DERİ İŞLEME TEKNİKLERİ	3	1	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2029
Leather Technologies	DER2041	DERİ SANAYİ ÇEVRE İLİŞKİLERİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2041
Leather Technologies	DER2043	İŞ VE ZAMAN ETÜDÜ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2043
Leather Technologies	DER2045	DERİ MAMÜLLERİ PAZARLAMA	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2045
Leather Technologies	DER2047	GİRİŞİMCİLİK	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2047
Leather Technologies	DER2049	RENK VE TASARIM BİLGİSİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2049
Leather Technologies	DER2051	ÜRETİM PLANLAMASI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2051

Leather Technologies	DER2028	TEKNOLOJİK OLGUNLUK	3	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2028
Leather Technologies	DER2034	KALİTE KONTROL	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2034
Leather Technologies	DER2036	DERİCİLİK ATIKLARI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2036
Leather Technologies	DER2038	ÖZEL DERİLERİ İŞLEME TEKNİĞİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2038
Leather Technologies	DER2042	ENDÜSTRİYEL TOKSİKOLOJİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2042
Leather Technologies	DER2044	İŞ GÜVENLİĞİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2044
Leather Technologies	DER2046	DERİ İŞLETMELERİ ORGANİZASYONU	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2046
Leather Technologies	DER2048	İŞLETME YÖNETİMİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2048
Leather Technologies	DER2050	DEKORATİF DERİ TEKNİKLERİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2050
Leather Technologies	DER2052	DERİ ÜRÜNLERİ TASARIMI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/DER2052
Manufacture Technologies	GIY1013	KADIN GIYSİ ÜRETİMİ I	2	2	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY1013
Manufacture Technologies	GIY1017	TEKSTİL TEKNOLOJİSİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY1017
Manufacture Technologies	GIY1014	KADIN GIYSİ ÜRETİMİ II	2	2	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY1014
Manufacture Technologies	GIY1016	GIYSİ MALZEMELERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY1016
Manufacture Technologies	GIY1018	GIYSİ TEKNİK ÇİZİMİ	2	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY1018
Manufacture Technologies	GIY2043	KADIN GIYSİ ÜRETİMİ III	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2043
Manufacture Technologies	GIY2015	İŞLETME YÖNETİMİ I	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2015
Manufacture Technologies	GIY2019	MODA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2019
Manufacture Technologies	GIY2023	MODA RESMİ VE İLLÜSTRASYONU	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2023
Manufacture Technologies	GIY2025	TEKSTİL YÜZEYLERİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2025
Manufacture Technologies	GIY2027	GIYİM SANAYİ MAKİNELERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2027
Manufacture Technologies	GIY2031	KONFEKSİYONDA İŞ GÜVENLİĞİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2031
Manufacture Technologies	GIY2035	ÜRETİM PLANLAMASI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2035
Manufacture Technologies	GIY2045	KONFEKSİYONDA KALİTE KONTROL	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2045
Manufacture Technologies	GIY2053	BİLGİ VE İLETİŞİM TEKNOLOJİSİ	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2053
Manufacture Technologies	GIY2044	KADIN GIYSİ ÜRETİMİ IV	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2044
Manufacture Technologies	GIY2020	ÇEVRE KORUMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2020
Manufacture Technologies	GIY2026	MODA EĞİLİMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2026
Manufacture Technologies	GIY2028	İLETİŞİM	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2028
Manufacture Technologies	GIY2036	MARKA YÖNETİMİ VE PAZARLAMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2036
Manufacture Technologies	GIY2050	ÇOCUK GIYSİ ÜRETİMİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2050
Manufacture Technologies	GIY2052	ERKEK GIYSİ ÜRETİM TEKNİKLERİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2052
Manufacture Technologies	GIY2054	İŞLETME YÖNETİMİ II	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2054
Manufacture Technologies	GIY2056	KOSTÜM TASARIMI VE ÜRETİMİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2056
Manufacture Technologies	GIY2058	BİLGİSAYAR DESTEKLİ KALIP HAZIRLAMA	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2058
Manufacture Technologies	GIY2064	BOYA VE BASKI TEKNİKLERİ	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2064

Manufacture Technologies	GIY2068	EV TEKSTİLİ ÜRETİMİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GIY2068
Fashion Design	MOD1001	MODA	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1001
Fashion Design	MOD1005	TEKSTİL TEKNOLOJİSİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1005
Fashion Design	MOD1007	KONFEKSİYON ÜRETİM TEKNOLOJİSİ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1007
Fashion Design	MOD1011	BİLGİ VE İLETİŞİM TEKNOLOJİSİ	1	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1011
Fashion Design	MOD1002	MODA RESMİ VE İLLÜSTRASYONU	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1002
Fashion Design	MOD1008	MODA EĞİLİMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1008
Fashion Design	MOD1020	KUMAŞ VE MALZEME BİLGİSİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD1020
Fashion Design	MOD2001	GİYSİ TASARIMI I	0	4	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2001
Fashion Design	MOD2005	MODA PAZARLAMA	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2005
Fashion Design	MOD2035	GİYSİ ÜRETİMİ I	0	4	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2035
Fashion Design	MOD2007	BİLGİSAYAR DESTEKLİ KALIP HAZIRLAMA	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2007
Fashion Design	MOD2013	KONFEKSİYON YARDIMCI MADDELERİ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2013
Fashion Design	MOD2015	BİLGİSAYAR DESTEKLİ GİYSİ TASARIMI	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2015
Fashion Design	MOD2017	DEKORATİF DERİ TEKNİKLERİ	2	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2017
Fashion Design	MOD2019	KONFEKSİYONDA KALİTE KONTROL	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2019
Fashion Design	MOD2021	İŞLETME YÖNETİMİ I	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2021
Fashion Design	MOD2023	KALİTE YÖNETİM SİSTEMLERİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2023
Fashion Design	MOD2025	ARAŞTIRMA YÖNTEM VE TEKNİKLERİ	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2025
Fashion Design	MOD2027	MARKA YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2027
Fashion Design	MOD2004	GİYSİ TASARIMI II	0	4	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2004
Fashion Design	MOD2006	GİYSİ ÜRETİMİ II	0	4	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2006
Fashion Design	MOD2008	KİŞİYE ÖZEL GİYSİ TASARIMI	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2008
Fashion Design	MOD2010	ÜRETİM PLANLAMA	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2010
Fashion Design	MOD2014	BİLGİSAYAR DESTEKLİ TEKSTİL TASARIMI	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2014
Fashion Design	MOD2018	PROJE GELİŞTİRME	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2018
Fashion Design	MOD2020	KALİTE GÜVENCESİ VE STANDARTLARI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2020
Fashion Design	MOD2022	İŞLETME YÖNETİMİ II	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2022
Fashion Design	MOD2030	STİL DANIŞMANLIĞI	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOD2030
Graphic Design	GRF1005	TEMEL SANAT EĞİTİMİ	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1005
Graphic Design	GRF1007	GRAFİK DESEN I	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1007
Graphic Design	GRF1011	BİLGİ VE İLETİŞİM TEKNOLOJİSİ	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1011
Graphic Design	GRF1002	GRAFİK TASARIM	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1002
Graphic Design	GRF1006	İLLÜSTRASYON	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1006
Graphic Design	GRF1008	GRAFİK DESEN II	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1008
Graphic Design	GRF1010	MARKA VE YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF1010
Graphic Design	GRF2001	GRAFİK TASARIM PROJE I	0	4	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2001
Graphic Design	GRF2007	GÖRSEL İLETİŞİM TASARIM	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2007

Graphic Design	GRF2009	BİLGİSAYAR DESTEKLİ İLLÜSTRASYON I	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2009
Graphic Design	GRF2011	ÖZGÜN BASKI TASARIM	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2011
Graphic Design	GRF2015	İŞLETME YÖNETİMİ	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2015
Graphic Design	GRF2017	ÜRÜN TASARIMI	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2017
Graphic Design	GRF2021	DENEYSEL GRAFİK TASARIM	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2021
Graphic Design	GRF2025	GİRİŞİMCİLİK	2	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2025
Graphic Design	GRF2002	GRAFİK TASARIM PROJE II	0	4	6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2002
Graphic Design	GRF2004	BASKI TEKNİKLERİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2004
Graphic Design	GRF2010	TASARIM ETİĞİ VE FİKİR HAKLARI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2010
Graphic Design	GRF2014	BİLGİSAYAR DESTEKLİ İLLÜSTRASYON II	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GRF2014
Traditional Handicraft	GES1003	EL SANATLARINA GİRİŞ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1003
Traditional Handicraft	GES1005	TEMEL SANAT EĞİTİMİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1005
Traditional Handicraft	GES1009	TEMEL DOKUMAYA HAZIRLIK	2	2	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1009
Traditional Handicraft	GES1011	BİLGİ VE İLETİŞİM TEKNOLOJİSİ	1	2	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1011
Traditional Handicraft	GES1002	TEMEL DOKUMA TEKNİKLERİ I	2	2	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1002
Traditional Handicraft	GES1004	TEMEL TASARIM	3	2	7	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1004
Traditional Handicraft	GES1006	DEKORATİF YÜZEY BOYAMA	1	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1006
Traditional Handicraft	GES1008	LİF VE BOYA TEKNOLOJİSİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES1008
Traditional Handicraft	GES2001	TEMEL DOKUMA TEKNİKLERİ II	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2001
Traditional Handicraft	GES2003	DOĞAL BOYACILIK	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2003
Traditional Handicraft	GES2019	KUMAŞ TASARIMI	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2019
Traditional Handicraft	GES2025	MESLEK ETİĞİ	2	0	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2025
Traditional Handicraft	GES2031	ARAŞTIRMA YÖNTEM VE TEKNİKLERİ	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2031
Traditional Handicraft	GES2002	TEMEL DOKUMA TEKNİKLERİ III	1	2	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2002
Traditional Handicraft	GES2010	GELENEKSEL TÜRK DESENLERİ II	2	1	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2010
Traditional Handicraft	GES2016	KEÇE YAPIM TEKNİKLERİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2016
Traditional Handicraft	GES2018	DEKORATİF DERİ TEKNİKLERİ	3	0	4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2018
Traditional Handicraft	GES2020	KALİTE YÖNETİM SİSTEMLERİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2020
Traditional Handicraft	GES2022	HALIDA KALİTE TESTLERİ	3	0	5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2022
Traditional Handicraft	GES2024	İPLİK VE KUMAŞ ANALİZİ	2	1	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2024
Traditional Handicraft	GES2026	İŞLETME YÖNETİMİ	2	1	2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2026
Traditional Handicraft	GES2030	KALİTE GÜVENCESİ VE STANDARTLARI	3	0	3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GES2030

Table 39. Total Number of Courses/Subjects Related to Sustainability by Facultie (continued)

Department	Course	Hour / AKTS	Link
DEPARTMENT OF ISLAMIC SCIENCES	IIF1010 FELSEFEYE GİRİŞ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF1010
	IIF2007 DİN PSİKOLOJİSİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF2007
	IIF2034 EĞİTİM BİLİMİNE GİRİŞ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF2034
	IIF2036 EĞİTİM PSİKOLOJİSİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF2036
	IIF3051 EĞİTİMDE EYLEM (AKSİYON) ARAŞTIRMASI	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3051
	IIF3053 EĞİTİMDE PROGRAM GELİŞTİRME	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3053
	IIF3059 GELİŞİM PSİKOLOJİSİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3059
	IIF3057 EĞİTİM SOSYOLOJİSİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3057
	IIF3063 YAŞAM BOYU ÖĞRENME	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3063
	IIF3065 BİREYSELLEŞTİRİLMİŞ ÖĞRETİM	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3065
	IIF3006 DİNLER TARİHİ	4/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3006
	IIF3040 ÖĞRETİM TEKNOLOJİLERİ VE MATERYAL TASARIMI	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF3040
	IIF4001 DİN SOSYOLOJİSİ	4/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4001
	IIF4041 SINIF YÖNETİMİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4041
	IIF4043 ÖZEL ÖĞRETİM YÖNTEMLERİ	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4043
	IIF4021 DİN HİZMETLERİNDE REHBERLİK VE İLETİŞİM	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4021
	IIF4029 İSLAM İNSAN HAKLARI VE DEMOKRASİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4029
	IIF4039 ÇAĞDAŞ FELSEFE AKIMLARI	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4039
	IIF4022 FELSEFE VE BİLİM	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4022
	IIF4046 EĞİTİMDE TEKNOLOJİ KULLANIMI	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4046
	IIF4052 TÜRK EĞİTİM SİSTEMİ VE OKUL YÖNETİMİ	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4052
	IIF4058 BİLGİSAYAR DESTEKLİ ÖĞRETİM	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4058
	IIF4028 PALEOGRAFİ VE EPİGRAFİ	2/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/IIF4028

Table 40. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Department	Course	Hour / AKTS	Link
Faculty of Medicine	TIP1010 - Girişimcilik	2/1	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1010
Faculty of Medicine	TIP1019 – Etkili İletişim- Yaşam ve Görgü	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1019
Faculty of Medicine	TIP1021 – Acil ve İlk Yardım I	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1021
Faculty of Medicine	TIP1022 – Yeterli ve Dengeli Beslenme	0/1	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1022
Faculty of Medicine	TIP2027 – Acil ve İlk Yardım II	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP2027
Faculty of Medicine	TIP2070-Radyasyon Güvenliği ve Koruma	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP2070
Faculty of Medicine	TIP2031-Kalp Sağlığı ve Koruma	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP2031
Faculty of Medicine	TIP3061-İş Sağlığı ve Güvenliği I	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP3061
Faculty of Medicine	TIP3062-İş Sağlığı ve Güvenliği II	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP3062

Table 40. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Department	Course	Hour / AKTS	Link
Computer Programming	Meslek Etiği	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIL2019
Computer Programming	Çevre Koruma	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIL2023
Computer Programming	İlk Yardım	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIL2025
Mechanics	Malzeme Teknolojisi	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MKN1008
Mechanics	Makine Elemanları	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MKN2001
Mechanics	Tersine Mühendislik Ve Kalite Kontrol	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MKN2015
Mechanics	İlk Yardım	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIL2025
Mechanics	Kalite Güvence Ve Standartları	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BIL2022
Mechanics	Termodinamik	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MKN2018
Electrics	Ölçme Tekniği	4/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK1005
Electrics	Elektromekanik Kumanda Sistemleri	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2005
Electrics	Elektrik Enerji Santralleri	2/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2011
Electrics	Ev Cihazları	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2013

Electrics	Meslek Etiđi	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2019
Electrics	Ariza Analizi	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2021
Electrics	Çevre Koruma	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2023
Electrics	Hidrolik Ve Pnömatik	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2025
Electrics	Elektrik Şebeke Ve Tesisleri	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2027
Electrics	Özel Tesisat	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2033
Electrics	Elektrik Enerjisi İletim Ve Dağıtım	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2012
Electrics	Kalite Güvence Ve Standartlar	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2016
Electrics	İş Sağlığı Ve Güvenliği	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2022
Electrics	Soğutma Tekniđi	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2024
Electrics	Yüksek Gerilim Tekniđi	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELK2028
Electronics Technologies	Sensörler Ve Dönüştürücüler	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2011
Electronics Technologies	Kumanda Devreleri	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2013
Electronics Technologies	Kontrol Sistemleri	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2015
Electronics Technologies	Ev Cihazlari	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2017
Electronics Technologies	İş Güvenliği	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2021
Electronics Technologies	Kalite Güvencesi Ve Standartlari	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2025
Electronics Technologies	Ariza Analizi	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2004
Electronics Technologies	Güç Elektroniđi	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2030
Electronics Technologies	Elektronik Güvenlik Sistemleri	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/ELT2012
Milk and Dairy Products Technologies	Hijyen Ve Sanitasyon	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT1005
Milk and Dairy Products Technologies	Gıda Kimyasi Ve Beslenme	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT2011
Milk and Dairy Products Technologies	İlk Yardım	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT2019
Milk and Dairy Products Technologies	Çevre Koruma	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT2023
Milk and Dairy Products Technologies	Su Hijyeni Ve Muayenesi	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT2016
Milk and Dairy Products Technologies	Kalite Güvencesi Ve Standartlari	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/SUT2022
Quality Control and Analysis of Food	Hijyen Ve Sanitasyon	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK1007
Quality Control and Analysis of Food	Su Analizleri	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK1011

Quality Control and Analysis of Food	Gıda Kimyası Ve Beslenme	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK2015
Quality Control and Analysis of Food	Çevre Koruma	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK2021
Quality Control and Analysis of Food	İlk Yardım	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK2025
Quality Control and Analysis of Food	Kalite Güvencesi Ve Standartları	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/GKK2022
Furniture and Decoration	Çevre Koruma	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOB2021
Furniture and Decoration	Kalite Güvencesi Ve Standartları	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOB2018
Furniture and Decoration	İlk Yardım	3/5	http://bologna.ohu.edu.tr/Dersbilgisi/tr/MOB2023
Laboratory Assistant and Veterinary Health	Halk Sağlığı	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2013
Laboratory Assistant and Veterinary Health	Salgın Ve Zoonoz Hastalıklar	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2015
Laboratory Assistant and Veterinary Health	Hijyen Ve Sanitasyon	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2019
Laboratory Assistant and Veterinary Health	İlk Yardım	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2041
Laboratory Assistant and Veterinary Health	Suni Tohumlama	4/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2030
Laboratory Assistant and Veterinary Health	Genetik Ve Islah	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2036
Laboratory Assistant and Veterinary Health	Pet Hayvanların Sağlığı Ve Korunması	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/VET2018
Rail Systems Electrical and Electronics Technology	Kumanda Devreleri	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2001
Rail Systems	Elektrik Makineleri	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2005
Rail Systems Electrical and Electronics Technology	Sensörler Ve Dönüştürücüler	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2009
Rail Systems Electrical and Electronics Technology	Hidrolik Ve Pnömatik Sistemler	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2015
Rail Systems Electrical and Electronics Technology	Kent İçi Raylı Ulaşım Sistemleri 1	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2021
Rail Systems Electrical and Electronics Technology	Raylı Sistem Araç Mekatroniği	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2002
Rail Systems Electrical and Electronics Technology	Elektrikli İşletme Tesisleri	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2004
Rail Systems Electrical and Electronics Technology	Güç Elektroniği	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2008
Rail Systems Electrical and Electronics Technology	Kalite Güvence Ve Standartları	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2018
Rail Systems Electrical and Electronics Technology	İş Güvenliği	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2020
Rail Systems Electrical and Electronics Technology	Kent İçi Raylı Ulaşım Sistemleri -2	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSE2022
Rail Systems Machine Technology	İş Güvenliği	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM1003
Rail Systems Machine Technology	Raylı Sistem Bilgisi	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM1011
Rail Systems Machine Technology	Kent İçi Raylı Ulaşım Sistemleri-I	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2019

Raylı Sistemler Makine	Genel Rayli Sistem İşletmeciliği	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2021
Rail Systems Machine Technology	Hidrolik Ve Pnömatik	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2006
Rail Systems Machine Technology	Rayli Sistem Araç Mekatroniği	3/3	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2008
Rail Systems Machine Technology	Genel Elektrik Bilgisi	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2010
Rail Systems Machine Technology	Kent İçi Rayli Ulaşım Sistemleri-fi	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2016
Rail Systems Machine Technology	Kalite Ve Güvence Standartları	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/RSM2024
Cartography and Cadastral	İlk Yardım	3/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HAR2011
Cartography and Cadastral	Çevre Koruma	3/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HAR2019
Cartography and Cadastral	Kalite Ve Güvence Standartları	2/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HAR2021
Cartography and Cadastral	Arazi Yönetimi	4/6	http://bologna.ohu.edu.tr/Dersbilgisi/tr/HAR2012
Land Registry and Cadastre	İnsan Kaynakları Yönetimi	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TAP1008
Land Registry and Cadastre	Kentsel Dönüşüm Ve Uygulamaları	3/4	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TAP2024
Nutrition and Dietetics	Toplum Ve Sağlık	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BES1006
Nutrition and Dietetics	Tıbbi Biyoloji Ve Genetik	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BES1008
Nutrition and Dietetics	Besin Muhafaza Yöntemleri	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/BES1022
Faculty of Medicine	Acil Ve İlk Yardım 1	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1021
Faculty of Medicine	Enfeksiyonlardan Korunmada Standart Önlemler	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1024
Faculty of Medicine	Yeterli Ve Dengeli Beslenme	2/2	http://bologna.ohu.edu.tr/Dersbilgisi/tr/TIP1022

Table 41. Total Number of Courses/Subjects Related to Sustainability by Faculties(continued)

Department	Course	Hour /AKTS	Link
Biosystems Engineering	Soil Science	4/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm2005/dersbilgi
Biosystems Engineering	Irrigation And Drainage	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm2002/dersbilgi
Biosystems Engineering	Biosystems Analysis Measurements, Survey And Assessment	4/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3001/dersbilgi
Biosystems Engineering	Energy Sources	3/3	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3005/dersbilgi
Biosystems Engineering	Land And Water Resource Management	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3021/dersbilgi
Biosystems Engineering	Greenhouse Construction Techniques	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3027/dersbilgi
Biosystems Engineering	Environmental Impact Assessment	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3037/dersbilgi
Biosystems Engineering	Agricultural Research And Design Methods	2/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3006/dersbilgi

Biosystems Engineering	<u>Energy Systems Design And Application</u>	4/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3008/dersbilgi
Biosystems Engineering	<u>Renewable Energy For Sustainable Agriculture</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm3022/dersbilgi
Biosystems Engineering	<u>Greenhouse Engineering</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm4045/dersbilgi
Biosystems Engineering	<u>Agricultural Ecology</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm4059/dersbilgi
Biosystems Engineering	<u>Organic Farming</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm4052/dersbilgi
Biosystems Engineering	<u>Agricultural Waste Management And Bioprocess</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm4060/dersbilgi
Biosystems Engineering	<u>Energy Efficiency In Agricultural Technologies</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/bsm4064/dersbilgi
Plant Production and Technologies	<u>Agricultural Ecology</u>	4/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but1007/dersbilgi
Plant Production and Technologies	<u>Agricultural Economy</u>	2/3	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but1004/dersbilgi
Plant Production and Technologies	<u>Plant Protection Methods And Pesticides</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but3003/dersbilgi
Plant Production and Technologies	<u>Fertilizers And Fertilization</u>	3/3	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but3008/dersbilgi
Plant Production and Technologies	<u>Evaluation Of Environmental Effects In Agriculture</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but3026/dersbilgi
Plant Production and Technologies	<u>Climate Changes</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but3032/dersbilgi
Plant Production and Technologies	<u>Organic And Sustainable Agriculture</u>	4/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/but4004/dersbilgi
Animal Production and Technologies	<u>Agricultural Economy</u>	2/3	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut1004/dersbilgi
Animal Production and Technologies	<u>Farm Management And Business</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut2007/dersbilgi
Animal Production and Technologies	<u>Reproduction And Artificial Insemination</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut2004/dersbilgi
Animal Production and Technologies	<u>Sustainable Animal Production</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut3033/dersbilgi
Animal Production and Technologies	<u>Livestock And Climate</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut3039/dersbilgi
Animal Production and Technologies	<u>Animal Nutrition In Relation To Environmental Conditions</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut3041/dersbilgi
Animal Production and Technologies	<u>Management Of Animal Waste</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/hut4030/dersbilgi
Agricultural Genetic Engineering	<u>Agricultural Ecology</u>	4/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/tgm1007/dersbilgi
Agricultural Genetic Engineering	<u>Agricultural Economy</u>	2/3	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/tgm1004/dersbilgi
Agricultural Genetic Engineering	<u>Water Quality And Salinity</u>	3/4	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/tgm3034/dersbilgi
Agricultural Genetic Engineering	<u>Climate Change</u>	3/5	https://www.ohu.edu.tr/akts/bilgipaketi_dersdetay/1/tgm3025/dersbilgi

6.4. Total research funds dedicated to sustainability research (in US Dollars) (average per annum over the last 3 years)

4.073.604,60 TL

6.5. Total research funds (in US Dollars) (average per annum over the last 3 years).

4.073.604,60 TL

6.6. The ratio of sustainability research funding to total research funding

The total budget of the NOHU Scientific Research Projects Coordination Unit for 2021 is 4,073,604,60 TL. Its ratio to the total budget of the university in 2021 is 1.4%.

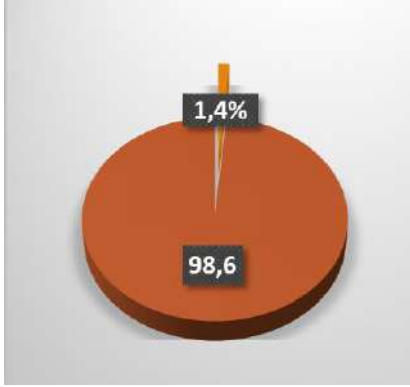


Figure 68. The ratio of sustainability research funding to total research funding

Table 42. NOHU Budget Information for 2021

Treasury Contribution	377.000,00 TL	
Transferred from 2020	3.149.836,10 TL	
Transferred from Revolving Funds	409.113,00 TL	
Non-thesis master's programs	137.655,50 TL	
TOTAL Budget for 2021	4.073.604,60 TL	

6.7. Number of scholarly publications on sustainability

The number of scholarly publications on sustainability published in 2021 is **161**.

Table 43. Number of scholarly publications on sustainability by academic units

Department	Publication Type (Book, article, notice and etc.)	Name of the Writer	Name of the Publication	DOI/ISBN/ISSN
Faculty of Education/Department of Turkish and Social Sciences Education	Verbal Bulletin	Cengiz Kayacılar, Yıldırım Güngör, Cem Kasapçı, Yahya Çiftçi	Aladağlar Milli Parkının Jeopark Potansiyeli	
Faculty of Education/Department of Turkish and Social	Book Chapter	Halil Tokcan	Çevre Eğitiminde Yöntem ve Teknikler	ISBN:978-625-8044-36-2

Sciences Education				
Faculty of Education/Department of Turkish and Social Sciences Education	Book Chapter	Halil Tokcan	Çevre Kirlilik Türleri	ISBN:978-625-8044-36-2
Faculty of Education/Department of Mathematics and Science Education	Verbal Notice	Ela Ayşe KÖKSAL	Environmental Education Projects in Biology	
Faculty of Education/Department of Mathematics and Science Education	Verbal Bulletin	Ela Ayşe KÖKSAL	Karekod Etkinliğinin Öğretmen Adaylarının Böcek Koruma Görüşlerine Katkısı	
Faculty of Education/Department of Mathematics and Science Education	Verbal Bulletin	Ela Ayşe KÖKSAL	Türk Fen Bilimleri Ders Kitaplarındaki Afet Kavramları	
Department of Architecture	Article	Semiha AKÇAÖZOĞLU, Ali Osman ADIGÜZEL, Kubilay AKÇAÖZOĞLU, Ece Ümmü DEVECİ, Çağdaş GÖNEN	Investigation of the bacterial modified waste PET aggregate VIA Bacillus safensis to enhance the strength properties of mortars	10.1016/j.conbuildmat.2020.121828
Department of Architecture	Article	Semiha AKÇAÖZOĞLU, Murat ÇİFLİKLİ, Ömer BOZKAYA, Cengiz Duran ATIŞ, Cüneyt ULU	Examination of mechanical properties and microstructure of alkali activated slag and slag-metakaolin blends exposed to high temperatures	10.1002/suco.202000080
Department of Architecture	Article	Andaç Batur ÇOLAK, Kubilay AKÇAÖZOĞLU, Semiha AKÇAÖZOĞLU, Gülhan BELLER	Artificial Intelligence Approach in Predicting the Effect of Elevated Temperature on the Mechanical Properties of PET Aggregate Mortars: An Experimental Study	doi.org/10.1007/s13369-020-05280-1
Department of Architecture	Article	Emel EFE YAVAŞCAN, Zehra Gediz URAK	Sit Sınırlarının Koruma Bağlamında Değerlendirilmesi: Niğde Kalesi ve Eskisaray Mahallesi Kentsel Sit Alanı	doi:10.19113/sdufenbed.837161.
Department of Architecture	Article	Emel EFE YAVAŞCAN	Tarihi Çevrede Tasarım: Yeni Yapı ve Yeniden İşlevlendirme Üzerine Atölye Eğitimi	ISSN 2651-5210

Department of Architecture	Article	İlknur ACAR ATA, Mehmet Emin BAŞAR	Mimari Miras Yapılarına Önerilen Yeni İşlevlerin Kullanıcı Katılımlı Seçim Sonuçlarının Bellek Aktarımı Bağlamında Değerlendirilmesi: Uluğaç Rum Okulu Örneği	https://dx.doi.org/10.12739/NWSA.2021.16.2.4C0245
Department of Architecture	Article	Mehmet Emin BAŞAR, Bayram AKDEMİR, İlknur ACAR ATA	Tarihi Sille Çeşmelerin Arşivlenmesinde Bilgisayar Altyapısının Kullanılması ve Klasik Modellerle Kıyaslanması	ISSN:2147-9364
Department of Architecture	Article	Tuğba İNAN GÜNAYDIN	Wind Flow Analysis on Simple Plan-Shaped Buildings. Megaron, 16(2), 286-305	ISSN :1309-6915
Department of Architecture	Article	Tuğba İNAN GÜNAYDIN	Numerical Study of Wind induced Pressures on Irregular Plan Shapes. ICONARP International Journal Of Architecture And Planning, 9(2), 646-679.	ISSN :2147-9380
Department of Architecture	Article	Tuğba İNAN GÜNAYDIN	BINALARDA AYDINLATMA ENERJİ PERFORMANSININ YAPMA AYDINLATMA SİSTEMİ VE FARKLI İKLİM BÖLGELERİ ÜZERİNDEN ANALİZİ. Euroasia Journal of Mathematics Engineering, Natural & Medical Sciences, 8(17), 95-113.	ISSN :2667-6702
Department of Architecture	Article	Tuğba İNAN GÜNAYDIN	TARİHİ YAPILARDAKI DOĞAL AYDINLATMA UYGULAMALARI. Euroasia Journal of Mathematics, Engineering, Natural & Medical Sciences, 8(19), 55-63.	ISSN :2667-6702
Department of Architecture	Article	Tuğba İNAN GÜNAYDIN	TARİHİ YAPILARDAKI DOĞAL AYDINLATMA UYGULAMALARI. Euroasia Journal of Mathematics, Engineering, Natural & Medical Sciences, 8(19), 55-63.	ISSN :2667-6703
Landscape Architecture	Bulletin	Gülden SANDAL ERZURUMLU Emirhan DURAN	Geleneksel Yaşamdan Modern Yaşama Geçişte Kentin Gelişim; Alanya Kalesi Örneği	978-625-8377-48-4
Landscape Architecture	Article	Nuriye Ebru Gülden SANDAL ERZURUMLU	Investigation of Rehabilitation Opportunities In Pit Mining: The Case of Nigde Madenköy Basin	1018-4619
Landscape Architecture	Article	ALATAŞ MEVLÜT, BATAN NEVZAT, EZER TÜLAY, ÖZDEMİR TURAN, ERATA HÜSEYİN (2021)	Epiphytic bryophyte communities of forests dominated by <i>Alnus glutinosa</i> (L.) Gaertner in Altındere Valley National Park (Trabzon, Turkey). CRYPTOLOGIE BRYOLOGIE, vol.42, no.11, pp.155-155	10.5252/cryptogamie-bryologie2021v42a11
Landscape Architecture	Article	UYGUR AHMET, EZER TÜLAY, KARAMAN ERKUL SEHER, ALATAŞ MEVLÜT (2021)	New national and regional bryophyte records, 66, 20. <i>Ptychostomum marratii</i> (Hook. & Wilson) J.R. Spence. JOURNAL OF BRYOLOGY, vol.43, no.2, pp.199-199.	10.1080/03736687.2021.1942590
Landscape Architecture	Article	ERATA HÜSEYİN, ALATAŞ MEVLÜT, BATAN NEVZAT, EZER TÜLAY (2021)	Contributions to the Bryophyte Flora of Altındere Valley (Trabzon, Turkey). Acta Biologica Turcica, vol.34, no.4, pp.186-186.	E-ISSN: 2458-7893
Landscape Architecture	Article	BATAN NEVZAT, ALATAŞ MEVLÜT, EZER TÜLAY, ERATA HÜSEYİN (2021)	Altındere Vadisi (Maçka, Trabzon) Briyofit Florasına Epifitik Katkıları. Anatolian Bryology, vol.7, no.1, pp.8-8.	10.26672.anatolianbryology.811769
Landscape Architecture	Article	EZER TÜLAY, AKATA ILGAZ, ALTUNTAŞ DENİZ (2021)	Ankara Üniversitesi Beşevler 10. Yıl Kampüs Alanı Karayosunları (Ankara-Türkiye). Anatolian Bryology, vol.7, no.1, pp.17-17.	10.26672.anatolianbryology.843985
Landscape Architecture	Article	KESKİN ALİ, EZER TÜLAY, ALATAŞ MEVLÜT, KARAMAN ERKUL SEHER (2021)	New national and regional bryophyte records, 67, 19. <i>Schistidium poeltii</i> H.H. Blom. JOURNAL OF BRYOLOGY, vol.43, no.3, pp.306-307.	10.1080/03736687.2021.1977517
Landscape Architecture	Article	KESKİN ALİ, EZER TÜLAY, KARAMAN ERKUL SEHER, TEKŞEN MEHTAP (2021)	Karınca Dağı'nın (Pozantı-Adana) Endemik Bitkileri ve IUCN Tehlike Kategorileri. Doğanın Sesi, no.7, pp.4-4.	e-ISSN: 2667-4696
Landscape Architecture	Bulletin	UYGUR AHMET, EZER TÜLAY, KARAMAN ERKUL SEHER, ALATAŞ MEVLÜT (2021)	Taşeli Platosu ve Ermenek Vadisi (Antalya-Karaman-Mersin)'den C12 Karesi İçin Yeni Kayıt Briyofitler. III. International Turkic World Congress on Science and Engineering, NİĞDE, TÜRKİYE, 14.06.2021-15.06.2021.	

Landscape Architecture	Bulletin	KESKİN ALİ, KARAMAN ERKUL SEHER, EZER TÜLAY , TEKŞEN MEHTAP (2021)	Karınca Dağı (Pozantı-Adana)'ndan Adana Bölümü (6b) İçin Yeni Kayıt Damarlı Bitkiler. III. International Turkic World Congress on Science and Engineering, NİĞDE, TÜRKİYE, 14.06.2021-15.06.2021.	
Landscape Architecture	Kitap	EZER TÜLAY , AKATA ILGAZ, ALTUNTAŞ DENİZ (2021)	Karayosunları (Bryophytes), içinde ALTINDAĞ AHMET(Ed.), Ankara Üniversitesi Beşevler 10. Yıl Yerleşkesi Biyoçeşitliliği, ANKARA: Ankara Üniversitesi Yayınları No: 711, ss.67-87.	ISBN: 978-605-136-520-6
Landscape Architecture	Article	Orhun SOYDAN	Solar power plants site selection for sustainable ecological development in Nigde, Turkey	https://doi.org/10.1007/s42452-020-04112-z
Landscape Architecture	Article	Orhun SOYDAN Ahmet BENLİYAY	Outdoor Lighting Design Investigation in Example of University Hospital	ISSN: 1018-4619
Landscape Architecture	Book Chapter	Orhun SOYDAN	Arazi Kullanımı/Arazi Örtüsü Değişiminin Niğde Örneğinde İncelenmesi	ISBN: 978-605-196-690-8
Landscape Architecture	Book Chapter	Orhun SOYDAN	Niğde İlinin Kamp ve Trekking Faaliyetleri İçin Uygunluk Analizi	ISBN: 978-605-196-690-8
Landscape Architecture	Article	Orhun SOYDAN Nefise ÇETİN	Investigation of The Sufficiency of Antalya Parks	https://doi.org/10.24925/turjaf.v9isp.2449-2457.4847
Landscape Architecture	Article	Orhun SOYDAN	Analysis of Accessibility to Family Health Centers in Antalya Using GIS	https://doi.org/10.24925/turjaf.v9isp.2442-2448.4846
Landscape Architecture	Article	Deniz Çolakkadıoğlu Barış Kahveci Sezen Savran Penbecioğlu	Adequacy and Accessibility Analysis of Open and Green Spaces in Osmaniye Center	2667-8209
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Analysis for traffic/road and vehicle/cargo tracking/planning systems (TRVCTPS) in the road transport within the scope of smart cities	978-605-73805-0-0
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Sustainable Rural Settlements Exam- The Plateau of Sinkhole	978-3-030-94190-1
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	An Analysis of the Interaction between Climate and City	https://doi.org/10.3726/b17335/16
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Sıcak Hava Balon Turu ve Çevresel Etkileri: Nevşehir-Göreme-GZFT Analiz	978-625-8075-41-0
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Tarım Alanlarında Afet Risklerine Karşı Ekoturizm Destekli Planlama Önerileri: Konya-Karapınar	978-625-8075-41-0
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	The potential place of geotourism in educational tourism in Turkey and the emerging aspects of rural development	978-625-7501-37-8
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Tourism and Planning: Nevşehir-Göreme Balloon Tourism-SWOT Analysis (Turizm ve Planlama: Nevşehir-Göreme Balon Turizmi-SWOT Analizi)	978-605-4163-49-6
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	Disaster Risks Preventive Rural Transformation and Tourism Planning: The Sink Plate for Ecotourism Supported Geotourism and Adventure Tourism	978-625-7464-51-2
City and Regional Planning	Chapters in international books	KOCALAR AZİZ CUMHUR	RURAL STUDIES in a DISASTER REGION – OBRUK PLATEAU	978-605-4163-49-6
City and Regional Planning	Article	KOCALAR AZİZ CUMHUR	Jeoturizmin Türkiye'deki Potansiyelinin Kırsal Kalkınma Açısından İncelenmesi	2459-0584
City and Regional Planning	Article	İMREN GÜZEL BURCU, KAVAK İBRAHİM	Kentsel Mekanlarda İklim Duyarlı Tasarım Yaklaşımları	10.31576/smryj.1271

City and Regional Planning	Article	AYŞE AKBULUT, ÖZLEM ÖZÇEVİK	A Review of the Environmental Sustainability History of the World and Turkey	10.14744/planlama.2021.42103
City and Regional Planning	Bulletin	AYŞE AKBULUT , ÖZLEM ÖZÇEVİK, İNCİ ÇETİNTAŞ	Investigation of the Importance of Strategic Spatial Planning in Sustainable Development	978-975-8062-39-3
	Article	Yurtseven S., Çetin, M., Öztürk, İ., Can, A., Boğa, M., Şahin, T., Türkoğlu, H.,	Effect of feeding method, free choice vs. total mixed ration, on emission of methane and carbon dioxide, milk yield and milk composition of Awassi sheep in mid lactation	ISSN: 1683-9919
	Article	Boğa, M., Kurt, O., Cagri, Ozgur O., Atalay, A., İ., Kamalak A.	Evaluation of some commercial dairy rations in terms of chemical composition, methane production, net energy and organic matter digestibility	DOI: 10.23751/pn.v22i1.8128.
	Bulletin	Kılıç, H.N., Boğa, M.	Ruminant Hayvan Beslemede Kullanılan Lavanta Ekstraktının Metan Salınımı Üzerine Etkisi	
	Bulletin	Yurtseven, S., Çetin, M., Öztürk, İ., Boğa, M., Can A.	Laktasyondaki Koyunlarda Metan Yayılımının Azaltılması için Değişik Yemleme Uygulamaları	
	Bulletin	Karageçili, R., Bökü, E., R., Elmas, H., Özçelik, S., Küçüköğlü, M., Alakuş, B., Yurtseven, S., Boğa, M., Öztürk, İ.	Orta Laktasyondaki İvesi Koyunlarında Metan üretimini Etkileyen Faktörler	
	Bulletin	Yurtseven, S., Boğa, M.	Ruminantlarda Metan Yayılımının Azaltılması	
	Bulletin	Yurtseven S., Avcı M., Çetin, M., Öztürk İ., Boğa, M.	The Effect of Pomegranate Peel, Yucca Saponin and Tyhme oil on Gaseous Emissions of manure(Methane, Carbon Dioxide and Nitrous oxide) In Awassi sheep Fed in Normal Farming Condition	
	Bulletin	Yaman S., Boga M.	Effect of Oil Seed and Oils from Oil Seeds Rich in Linoleic and linolenic Acids on Milk Yield, Milk Composition and Methane Production of Lactating Cows	
	Bulletin	Rofiq, M.N., Görgülü, M., Güney, O, Boğa, M.	Combination effect of clove and orange peel oils on rumen gas and methane production using in vitro gas production technique	
	Article	Boğa, M., Avcı, B.C., Kılıç, H.	Evaluation of Some Commercial Food Rations in Terms Of Chemical Composition, Methane Production, Net Energy and Organic Substance Digestibility,	İn press
Zootechnics	Bulletin	Kılıç, H. N., Bahtiyarç, Y., Aytekin, İ.	Etkili pasif bağışıklığın sağlanmasında kolostrumun önemi	
Zootechnics	Bulletin	Kılıç, H.N., Olgun O.	Kanath beslemede arpaya dayalı rasyonlarda enzim kullanımı	
Zootechnics	Article	Kılıç, H.N., Olgun O.	Mısır:Arpaya Dayalı Rasyonlara Enzim İlavesinin Yumurtlayan Bildiricilerde Performans, Yumurta Kalitesi, Serum ve Kemik Mineral İçeriğine Etkisi	https://doi.org/10.33724/zm.782575
Zootechnics	Article	Kılıç, H.N., Fırıncıoğlu, S.Y.	The Characteristics of A1-A2 β -Caseins in Milk and Their Effects on Human Health	https://doi.org/10.24925/turjaf.v9i11.1973-1979.4869
Zootechnics	Article	Kılıç, H.N., Boğa, M.	Reducing Methane Emissions with Animal Feeding Strategies	https://doi.org/10.24925/turjaf.v9i9.1700-1713.4446
Zootechnics	Bulletin	Kılıç, H.N., Boğa, M.	Effects of Apple Cider Vinegar on Ruminant Animals	
Zootechnics	Book Chapter	Boğa, M., Kılıç, H.N., Gül Varış, C.	Türkiye’de Sürdürülebilir Tarım ve Uygulamaları: Zorluklar ve Potansiyeller	ISBN: 978-625-8423-32-7
Zootechnics	Book Chapter	Boğa, M., Kılıç, H.N., Rofiq M.N., Gül Varış, C.	Sustainable Agriculture and Livestock for Food Security Under The Changing climate	ISBN: 978-625-8423-56-3
Zootechnics	Book Chapter	Kılıç, H.N., Boğa, M., Gül Varış, C.	İklim Değişikliği ve Tarımda Dönüşüm	ISBN: 978-625-8377-92-7
Zootechnics	Article	Boğa, M., Avcı, B.C., Kılıç, H.N.	Evaluation of Some Commercial Food Rations in Terms Of Chemical Composition, Methane Production, Net Energy and Organic Substance Digestibility,	İn press
Zootechnics	Book Chapter	Çanga, D., Boğa, M., Kılıç, H.N.	Süt Sığırlarında Kızgınlığın Belirlenmesinde Hassas Hayvancılık ve Bilgi İletişim Teknolojilerinin Kullanımı	İn press
Zootechnics	Book Chapter	Boğa, M., Kılıç, H.N., Bulut, M., Çanga, D	Use of Hydroponic Produced Raw Materials İn Ruminant Animal Nutrition	İn press

Zootechnics	Book	Çanga, D., Boğa, M., Kılıç, H.N., Bulut, M.	Information and Communication Technologies (ICT) And Precision Livestock (PLF) Applications In Farm Conditions	İn press
Zootechnics	Article	Boğa, M., Avcı, B.C., Kılıç, H.N., Filik, A.G.	Bazı Baklagil Ağaç Yapraklarının Alternatif Yem Kaynağı Olarak Besin Madde İçerikleri ve Sindirilebilirliklerinin Belirlenmesi	İn press
FEAS-Political Science and International Relations	Bulletin	Çiğdem Şahin	“Hazar Meselesinin Çözümünde Enerji Diplomasisinin Rolü”, VIII. Uluslararası Türk Dünyası Araştırmaları Sempozyumu Bulletinler Kitabı Cilt II, Kesit Yayınları, Niğde, 2021, s. 229-244.	978-625-7698-54-2
FEAS-Political Science and International Relations	Bulletin	Çiğdem Şahin Seda Sevinç Cilasun	“Rusya İlişkilerinde İş Birliği Alanı Olarak Enerji”, 4. Uluslararası Türk - Rus Dünyası Akademik Araştırmalar Kongresi -UTRAK Özet Kitabı, Asos yayınları, Ankara, 2021, s. 64-65.	978-625-7501-12-2
FEAS-Public Finance	Article	Ali Eren ALPER	1) Persistence of Policy Shocks to the Ecological Footprint of MINT Countries	1)10.21121/eab.1015635
	Bulletin		2) Seçilmiş OECD Üyesi Ülkelerde Ekolojik Ayak İzinin Durağanlığının İncelenmesi: Doğrusal Olmayan Birim Kök Analizi Bulguları	2) ISBN: 978-625-8423-01-3
FEAS-Public Administration	Book Chapter	Ezgi SEÇKİNER BİNGÖL	Seçkiner Bingöl, E. (2021). Citizen Participation in Smart Sustainable Cities. In C.Babaoğlu, O. Kulaç, E. Akman (Eds.) Handbook of Research on Global Challenges for Improving Public Services and Government Operations (pp. 443-463). USA: IGI Global. Sürdürülebilirlik	DOI: 10.4018/978-1-7998-4978-0.ch023
FEAS-Public Administration	Article	Ezgi SEÇKİNER BİNGÖL	SEÇKİNER BİNGÖL, E. (2021). Akıllı Şehirlerde Vatandaş Katılımı: Sistematik Bir Literatür Analizi. Nevşehir Hacı Bektaş Veli Üniversitesi SBE Dergisi, 11(4), 1946-1966 Akıllı sistemler	https://doi.org/10.30783/nevsosbilen.998684
FEAS-Public Administration	Article	Ezgi SEÇKİNER BİNGÖL	Seçkiner-Bingöl, E. (2021). Akıllı şehir projelerine vatandaş katılımı: İstanbul Büyükşehir Belediyesi örneği. Ömer Halisdemir Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, 14(4), 1251-1275.. Akıllı sistemler	http://doi.org/10.25287/ohuFEAS.848261
FEAS-Public Administration	Article	Ezgi SEÇKİNER BİNGÖL	Covid-19 Pandemisinde Gelişmekte Olan Ülkelerin Sosyal Koruma Önlemleri Üzerine Bir Analiz. Hacettepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, 2021, 39(Covid 19 Özel Sayısı), 39-54 Risk yönetimi	DOI:10.17065/hunFEAS.901036
FEAS-Public Administration	Book Chapter	Cenay BABAOĞLU	Babaoğlu, Cenay ve Leblebici, Doğan Nadi (2021). “Public Participation in Disability Policy: The Case of Metropolitan Ankara”, iç. The Handbook of Global Challenges to Improving Public Services and Government Operations, (Edt. C. Babaoğlu, O. Kulaç ve E. Akman), ABD: IGI (SCOPUS), s. 506-524.	-
FEAS-Public Administration	Book Chapter	Cenay BABAOĞLU	Babaoğlu, Cenay ve Kulaç, Oğuzhan (2021) “Yerel Hizmetlerde Dijitalleşme ve Yerel Yönetimler” iç. Yerel Yönetimler: Yönetim, Siyaset, Kent ve Güncel Tartışmalar (Edt. Özgür Önder, Esra Banu Sipahi ve Murat Yaman), Ankara: Gazi Kitabevi, s. 713-732. Akıllı sistemler	-
FEAS-Public Administration	Article	Cenay BABAOĞLU	Babaoğlu, Cenay (2021). Yeni Nesil Gaddare: Teknoloji ve Güvenlik İlişkisi, İdarecinin Sesi, Sayı: 201, s. 35-39. Akıllı sistemler	-
FEAS-Public Administration	Bulletin	Cenay BABAOĞLU	Cenay Babaoğlu ve Oğuzhan Erdoğan, Koronavirüs Döneminde Yerel Yönetimlerde Dijitalleşme, 6. Ulusal Yerel Yönetimler Sempozyumu, Türkiye Belediyeler Birliği, Cumhurbaşkanlığı Yerel Yönetim Politikaları Kurulu, Ankara Üniversitesi Siyasal Bilgiler Fakültesi ve Ankara Üniversitesi Ernst Reuter	-

			İskan ve Şehircilik Uygulama ve Araştırma Merkezi, Ankara, 25-27 Ekim, 2021. Akıllı sistemler	
FEAS-Public Administration	Article	Hava TAHTALIOĞLU	Tahtaloğlu, H., Kulaç, O., Sustainable development education in public administration graduate programs: the cases of Pamukkale and Niğde Ömer Halisdemir Universities Sürdürülebilir Gelişme	DOI: https://doi.org/10.15551/pesd2021152002
FEAS-Public Administration	Book Chapter	Abdullah AYDIN	Aydın, A. ve Belli, A. (2021). İmar Kanunu ve Gecekondulaşma. Tanzimattan Günümüze İmar ve Şehircilik Tarihi içinde (ed. Musa Öztürk). Ankara: Idealkent. Kentleşme	ISBN: 978-605-71187-2-1
FEAS-Economics	Article	UÇAN OKYAY, Koçak Esra	Yemilenebilir Enerji ile İstihdam Arasındaki İlişki	e-ISSN: 2687-5306 / https://dergipark.org.tr/tr/pub/nohusosbil
FEAS-Economics	Article	ALPER ALİ EREN, ALPER FINDIK ÖZLEM	Persistence of Policy Shocks to the Ecological Footprint of MINT Countries	Doi: 10.21121/eab.1015635
FEAS-Economics	Bulletin	ALPER ALİ EREN, ALPER FINDIK ÖZLEM	Seçilmiş OECD Üyesi Ülkelerde Ekolojik Ayak İzinin Durağanlığının İncelenmesi: Doğrusal Olmayan Birim Kök Analizi Bulguları	International World Energy Conference
FEAS-Economics	Book Chapter	KOCAKUŞAK SELMA, BERKE BURCU	İklim Değişikliği Perspektifinden Ekoloji ve Karbon Emisyonunun Belirleyicileri: Seçilmiş Gelişmekte Olan Ülkeler İçin Bazı Bulgular	ISBN:978-625-439-688-5 - (Bölüm Sayfaları:333 - 350)
FEAS-Economics	Book Chapter	AKTEKİN EMİNE DİLARA, BUDAK HİLAL	The Validity of the Environmental Kuznets Curve Hypothesis in E7 Countries a Panel Data Analysis	ISBN:978-625-7562-38-6 - (Bölüm Sayfaları:187 - 212)
FEAS-Economics	Bulletin	TÜRKMEN SENA, BUDAK HİLAL, AKTEKİN EMİNE DİLARA	YAPISAL KIRILMALAR ALTINDA ENERJİNİN ÇEVRESEL SÜRDÜRÜLEBİLİRLİĞİ: E7 ÜLKELERİ ÖRNEĞİ	International World Energy Conference
FEAS-Uluslararası Ticaret ve Lojistik	Article	Buket ÖZOĞLU	The Evaluation of Factors in Utilizing the Potential of Solar Energy: The Case of Turkey	Doi: 10.35208/ert.972541
FEAS-International Trade and Logistics	Bulletin	Buket ÖZOĞLU	Çevresel Sürdürülebilirlik Konusunda ÇKKV Yöntemlerinin Kullanımı: Literatür İncelemesi	ISBN 978-625-7624-40-4
FEAS-International Trade and Logistics	Article	Özge DEMİRAL	Where is the gray side of green growth? Theoretical insights, policy directions, and evidence from a multidimensional approach	https://doi.org/10.1007/s11356-021-13127-x
Faculty of Engineering/Environmental Engineering	Book Chapter	ÇİNER, F., ŞENBAŞ, B.A.	Araç Yıkama Atıksularının Artırılması	ISBN: 978-625-433-086-5
Faculty of Engineering/Environmental Engineering	Article	ÇİNER, F., SUNKARI, E.D., ŞENBAŞ, B.A.	Geochemical and Multivariate Statistical Evaluation of Trace Elements in Groundwater of Niğde Municipality, South-Central Turkey: Implications for Arsenic Contamination and Human Health Risks Assessment	DOI:10.1007/s00244-020-00759-2
Faculty of Engineering	Article	Kemal Gunes, Fabio Masi, Selma Ayaz, Bilal Tuncsiper, Mehmet Besiktas	Domestic wastewater and surface runoff treatment implementations by constructed wetlands for Turkey: 25 years of experience	https://doi.org/10.1016/j.ecoleng.2021.106369

ng/Environmental Engineering				
Faculty of Engineering/Environmental Engineering	Book Chapter	DOĞAN-SAĞLAMTİMUR, N.	Atıkların Yeniden Kullanımı: Yapı Malzemesi Üretim Çalışmaları	ISBN: 978-625-433-086-5
Faculty of Engineering/Environmental Engineering	Book Chapter	ULUSOY, K., DOĞAN-SAĞLAMTİMUR, N.	COVID-19 Sorunu Öncesi ve Sırasında Kahramanmaraş'ta (Türkiye) Partikül Madde (PM10) Özelinde Hava Kirliliği Durumu	ISBN: 978-605-74654-6-7
Faculty of Engineering/Environmental Engineering	Article	MARCZYK, J., ZIEJEWSKA, C., GADEK, S., KORNIJENKO, K., ŁACH, M., GÓRA, M., KUREK, I., DOĞAN-SAĞLAMTİMUR, N., HEBDA, M., SZECZYŃSKA-HEBDA, M.	Hybrid Materials Based on Fly Ash, Metakaolin, and Cement for 3D Printing	DOI: 10.3390/ma14226874
Faculty of Engineering/Environmental Engineering	Article	ÖZ, H.Ö., DOĞAN-SAĞLAMTİMUR, N., BİLGİL, A., TAMER, A., GÜNAYDIN, K.	Process Development of Fly Ash-Based Geopolymer Mortars in view of Mechanical Characteristics	DOI: 10.3390/ma14112935
Faculty of Engineering/Environmental Engineering	Article	ŁACH, M., GADO, R.A., MARCZYK, J., ZIEJEWSKA, C., DOĞAN-SAĞLAMTİMUR, N., MIKUŁA, J., SZECZYŃSKA-HEBDA, M., HEBDA, M.	Process Design for a Production of Sustainable Materials from Post-Production Clay	DOI: 10.3390/ma14040953
Faculty of Engineering/Environmental Engineering	Article	DOĞAN-SAĞLAMTİMUR, N., BİLGİL, A., SZECZYŃSKA-HEBDA, M., PARZYCH, S., HEBDA, M. (2021)	Eco-Friendly Fired Brick Produced from Industrial Ash and Natural Clay: A Study of Waste Reuse	DOI: 10.3390/ma14040877
Faculty of Engineering/Environmental Engineering	Bulletin	ULUSOY, K., SEKUŁA, P.M., STERNIK, A., DOĞAN-SAĞLAMTİMUR, N.	Impact of COVID-19 on Air Pollution Values (PM10, SO2 and CO): The Case of Eskişehir (Turkey) and Kraków (Poland)	ISBN: 978-605-74191-0-1
Faculty of Engineering/Environmental Engineering	Bulletin	DOĞAN-SAĞLAMTİMUR, N., BİLGİL, A., ÖZ, H.Ö., GÜNAYDIN, K.	Farklı Uçucu Kül, Alkali Aktivatör ve Kür Sıcaklığının Geopolimer Kompozit Malzeme Üretimine Etkisi: Ön Sonuçlar	ISBN: 978-975-8062-41-6
Faculty of Engineering/Environmental Engineering	Bulletin	ULUSOY, K., DOĞAN-SAĞLAMTİMUR, N. (2021)	Air Pollution Status in Antalya (Turkey) before and during COVID-19 Pandemic in terms of PM10 and SO2	ISBN: 978-975-8062-41-6
Faculty of Engineering/Environmental Engineering	Bulletin	GÜNAYDIN, K., DOĞAN-SAĞLAMTİMUR, N.	Recycling Alternative for Waste Plastics: Wood Plastic Composite	ISBN: 978-975-8062-41-6

Faculty of Engineering/Environmental Engineering	Bulletin (Davetli Konuşmacı)	DOĞAN-SAĞLAMTİMUR, N.	Smart Cities: Applications and Waste Management	ISBN: 978-605-74582-7-8
Faculty of Engineering/Environmental Engineering	Bulletin	DANIŞ, E., SATIR, T., DOĞAN-SAĞLAMTİMUR, N.	Ship Recycling and Its Impact on the Marine Environment	ISBN: 978-605-74582-7-8
Faculty of Engineering/Environmental Engineering	Bulletin	ULUSOY, K., DOĞAN-SAĞLAMTİMUR, N.	Air Pollution before and during COVID-19 Pandemic in terms of PM10, SO2 and O3: Evaluations from Niğde and Aksaray (Turkey)	ISBN: 978-605-74582-7-8
Faculty of Engineering/Environmental Engineering	Article	YAŞAR KORKANÇ, S., ŞAHİN, H., 2021	The effects of mulching with organic materials on the soil nutrient and carbon transport by runoff under simulated rainfall conditions, Journal of African Earth Science, 176, 104152.	
Faculty of Engineering/Environmental Engineering	Book Chapter	YAŞAR KORKANÇ SELMA, Özkan Ufuk, Kılıç Ümit, SERENGİL YUSUF, GÖKBULAK FERHAT	Akarsu Koridorlarında Hidroekolojik Etüt Yöntemleri, Bölüm Yazarlığı: Editör: Yusuf Serengil, , Bölüm Adı:Akarsu Hidroekolojik Etüt Yöntemleri , Bilimsel Kitap, - Yayın Evi:Arena Kağıtçılık Matbaacılık İç ve Dış Ticaret Ltd. Şti - Basım Sayısı:1 - Sayfa Sayısı:93 , (Bölüm Sayfaları:39 - 54)	ISBN:978-625-00-0284-1
Faculty of Engineering/Environmental Engineering	Book Chapter	SERENGİL YUSUF, GÖKBULAK FERHAT, YAŞAR KORKANÇ SELMA, YURTSEVEN İBRAHİM, Özkan Ufuk	Akarsu Koridorlarında Hidroekolojik Etüt Yöntemleri, Editör:Yusuf Serengil, , Bölüm Adı:Akarsu Koridorları - Bilimsel Kitap - Yayın Evi:Arena Kağıtçılık Matbaacılık İç ve Dış Ticaret Ltd. Şti - Basım Sayısı:1 - Sayfa Sayısı:93 - (Bölüm Sayfaları:27 - 36).	ISBN:978-625-00-0284-2
Faculty of Engineering/Environmental Engineering	Book Chapter	GÖKBULAK FERHAT, YAŞAR KORKANÇ SELMA, YURTSEVEN İBRAHİM	Akarsu Koridorlarında Hidroekolojik Etüt Yöntemleri, Editör: Yusuf Serengil, , Bölüm Adı:Hidrolojik Döngü ve Bileşenleri - Bilimsel Kitap - Yayın Evi:Arena Kağıtçılık Matbaacılık İç ve Dış Tic. Ltd. Şti. - Basım Sayısı:1 - Sayfa Sayısı:10 - (Bölüm Sayfaları:16 - 25)	ISBN:978-625-00-0284-3
Faculty of Engineering/Environmental Engineering	Article	C Akarsu, EÜ Deveci, Ç Gönen, Ö Madenli	Treatment of slaughterhouse wastewater by electrocoagulation and electroflotation as a combined process: process optimization through response surface methodology	https://doi.org/10.1007/s11356-021-12855-4
Faculty of Engineering/Environmental Engineering	Article	E. Ü. Deveci, Ç Gönen, C Akarsu	Pre-treatment optimization of barley straw as agro-industrial waste via alkaline peroxide and ultrasound for soluble sugar production and degradation- Biomass Conversion and Biorefinery	https://doi.org/10.1007/s13399-020-00879-8
Faculty of Engineering/Environmental Engineering	Article	C Akarsu, Ö Madenli, EÜ Deveci	Characterization of littered face masks in the southeastern part of Turkey, Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-021-14099-8
Faculty of Engineering/Environmental Engineering	Article	S. Akçaözöğlü, A. O. Adıgüzel, K.Akçaözöğlü, E.Ü.Deveci, Ç.Gönen	Investigation of the bacterial modified waste PET aggregate VIA Bacillus safensis to enhance the strength properties of mortars	https://doi.org/10.1016/j.conbuildmat.2020.121828

Engineering				
Faculty of Engineering/Environmental Engineering	Article	B. A. Türkmen E. Ü. Deveci Ç. Ş. Sağlam	Environmental sustainability of electricity generation: Case study of lignite combustion”, Environmental Progress and Sustainable Energy	https://doi.org/10.1002/ep.13521
Faculty of Engineering/Environmental Engineering	Article	Ö Madenli, EU Deveci, Ç Gönen	Ağır Metal Gideriminde Grafen Uygulamaları Adsorpsiyon Teknolojisi, Fırat Üniversitesi Mühendislik Bilimleri Dergisi	https://doi.org/10.35234/fumbd.767144
Faculty of Engineering/Environmental Engineering	Article	EU Deveci	Aklime edilmiş aktif çamur mikroorganizmaları ile sürekli sistem yukarı akışlı dolgulu kolonda 2,4- diklorofenol gideriminin incelenmesi, Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi	https://doi.org/10.28948/ngumuh.799013
Faculty of Engineering/Environmental Engineering	Article	Ö Madenli, E.Ü. Deveci	Agro-Endüstriyel Atık Olan Elma Posalarının Box-Behnken Yanıt Yüzey Metodolojisi ile Alkali Ön İşlem Optimizasyonu	https://doi.org/10.21605/cukurovaumfd.1005786
Faculty of Engineering/Environmental Engineering	Bulletin	C. Akarsu, Ö. Madenli, E.Ü. Deveci	Mikroplastiklerin iklim değişikliğine etkisi, 2. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşım Kongresi, 18-19 Eylül 2021, (tam metin Bildiri)	
Faculty of Engineering/Environmental Engineering	Bulletin	E.Ü. Deveci, C. Akarsu, Ö. Madenli	İçme Suyu Kaynaklarında Mikroplastik Miktarı ve Alternatif Giderim Yöntemleri, 2. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşım Kongresi, 18-19 Eylül 2021, (tam metin Bildiri)	
Faculty of Engineering/Environmental Engineering	Bulletin	Ö. Madenli, C. Akarsu, E. Ü. Deveci	Mikroplastiklerin Biyodegradasyonu ve Çevresel Yönleri, 3. Uluslararası Türk Dünyası Fen Bilimleri ve Mühendislik Kongresi, Niğde, Türkiye, (tam metin Bildiri)	
Faculty of Engineering/Environmental Engineering	Article	Öznur Begüm Gökçek, Yeşim Dokuz, Aslı Bozdağ	Deep learning-based long-term prediction of air quality parameters	https://doi.org/10.1007/s12517-021-08628-5
Faculty of Engineering/Environmental Engineering	Article	Safiye Özdemir, Nigmet Uzal, Öznur Begüm Gökçek	Investigation of the treatability of pre-coagulated slaughterhouse wastewater using dead-end filtration	https://doi.org/10.1002/jctb.6716
Faculty of Engineering/Environmental Engineering	Article	Öznur Begüm Gökçek, Fatma Muratçobanoğlu, Hamdi Muratçobanoğlu, Deniz Uçar, Ruhullah A Mert, Bilal Yıldırım, Recep Zan, Sevgi Demirel	The effect of reduced graphene oxide addition on methane production from municipal organic solid waste	https://doi.org/10.1002/jctb.6835
Faculty of Engineering	Article	Muhammed Rasit Atelge, Halil Senol, Mohammed Djaafri, Tulin Avcı Hansu, David	A Critical Overview of the state-of-the-art methods for biogas purification and utilization processes	https://doi.org/10.3390/su132011515

ng/Environmental Engineering		Krisa, Abdulaziz Atabani, Cigdem Eskicioglu, Hamdi Muratçobanoğlu, Sebahattin Unalan, Slimane Kalloum, Nuri Azbar, Hilal Demir Kıvrak		
Faculty of Engineering/Environmental Engineering	Article	H Muratçobanoğlu, ÖB Gökçek, RA Mert, R Zan, S Demirel	The impact of reduced graphene oxide (rGO) supplementation on cattle manure anaerobic digestion: Focusing on process performance and microbial syntrophy	https://doi.org/10.1016/j.bej.2021.108080
Faculty of Engineering/Computer Engineering	Article	Yeşim DOKUZ	Deep learning-based long-term prediction of air quality parameters	10.1007/s12517-021-08628-5
Faculty of Engineering/Computer Engineering	Article	Ahmet Şakir DOKUZ	Location-based optimal sizing of hybrid renewable energy systems using deterministic and heuristic algorithms	10.1002/er.6849
Faculty of Engineering/Computer Engineering	Article	Alper ECEMİŞ	Location-based optimal sizing of hybrid renewable energy systems using deterministic and heuristic algorithms	10.1002/er.6849
Faculty of Engineering/Food Engineering	Araştırma Article	Hasan Tangüler, Hande Mert, Furkan İlman, Büşra Yücel, Selen Gençtürk, 2021	Elma atıklarından elma sirkesi üretimi üzerine bir araştırma (A research on the production of apple vinegar from apple wastes)	NÖHÜ Müh. Bilim. Derg. / NOHU J. Eng. Sci., 2021; 10(1): 132- 139. doi: 10.28948/ngmuh.673508. TR Index, DOAJ
Faculty of Engineering/Mechanical Engineering	Article	C. Timurkutluk, T. Altan, F. Yıldırım, S. Onbilgin, M. Yagiz ve B. Timurkutluk	Improving the electrochemical performance of solid oxide fuel cells by surface patterning of the electrolyte	https://doi.org/10.1016/j.jpowsour.2021.230489
Faculty of Engineering/Mechanical Engineering	Article	B. Timurkutluk ve E. Ucar	Development of high performance and low-cost solid oxide fuel cell stacks: Numerical optimization of flow channel geometry	https://doi.org/10.1002/er.7129
Faculty of Engineering/Mechanical Engineering	Article	B. Timurkutluk, T. Altan, S. Toros, O. Genc, S. Celik ve H.G. Korkmaz	Engineering solid oxide fuel cell electrode microstructure by a micro-modeling tool based on estimation of TPB length	https://doi.org/10.1016/j.ijhydene.2021.01.165
Faculty of Engineering/Mechanical Engineering	Article	Gökçek M., Kale C.,	Optimal sizing of off-grid hydrokinetic-based hybrid renewable power systems for a house load demand	https://onlinelibrary.wiley.com/doi/10.1002/er.6509

Faculty of Engineering	Article	Demolli H., Dokuz A. Ş., Ecemis A., Gokcek M.,	Location-based optimal sizing of hybrid renewable energy systems using deterministic and heuristic algorithms	https://onlinelibrary.wiley.com/doi/10.1002/er.6849
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Article

Öcal S., Gökçek M., Çolak A.
B., & Korkaç M.,

A Comprehensive And Comparative
Experimental Analysis On Thermal
Conductivity Of Tio 2-Caco 3/Water Hybrid
Nanofluid: Proposing New Correlation And
Artificial Neural Network Optimization

<https://www.dl.begellhouse.com/journals/46784ef93dddf27,10748cc751007f12,25f088ae7ab31d7f.html>

Niğde Vocational School of Social Sciences / Department of Management and Organization	Book Chapter	Abdullah KARATAŞ	Ormanların Korunmasında Çevre Bilincinin Etkinlik ve Önemi Üzerine Bir Çalışma	ISBN:978-625-7502-75-7
Niğde Vocational School of Social Sciences / Department of Management and Organization	Book Chapter	Abdullah KARATAŞ	Çevre Sorunları ve Kovid-19 Pandemisi Arasındaki İlişki	ISBN:978-625-8007-34-3
Niğde Vocational School of Social Sciences / Department of Management and Organization	Article	Abdullah KARATAŞ	Tarihi Çevreyi Korumada Tarihi Çevre Eğitiminin Önemi Üzerine Bir Değerlendirme	DOI: 10.31589/JOSHAS.789
Niğde Vocational School of Social Sciences / Department of Management and Organization	Article	Esra ÇELEBİ ZENGİN	Türkiye’de Kalkınma Ajansları Uygulamasına İlişkin TR42 ve TR52 Bölgelerine Yönelik Bir Araştırma, Karamanoğlu Mehmetbey Üniversitesi Sosyal ve Ekonomik Araştırmalar Dergisi, Cilt 23, Sayı 41, 361-389.	E-ISSN: 2147-7833

(The feedback has been received from 5 faculties and 1 Vocational School in total.)

Conference	8 Mart Dünya Kadınlar Günü Etkinlikleri Doç. Dr Nalan GÖRDELES BEŞER (Online)	15.01.2021
Scientific Event	IV. Türkiye Kaz Yetiştiriciliği Çalıştayı Prof. Dr Ahmet ŞEKEROĞLU (Online)	25.03.2021
Workshop	Türkiye Kaz Üreticileri ve Kaz Tüyü İşleyen Sektörün Buluşturulması Çalıştayı Prof. Dr Ahmet ŞEKEROĞLU (Online)	12.04.2021
Conference	Sınıf İçi Uygulamalarda Yaratıcı Drama ve Çocuklar İçin Felsefe" KOP ile Okur Dostu Okul Projesi (Online)	20.04.2021
Interview	Gülten Dayıoğlu İle Okuma Kültürü Üzerine Söyleşi KOP ile Okur Dostu Okul Projesi (Online)	26.04.2021
Event	AW2021/2022 WOMEN'S FASHION TRENDS Dr Öğretim Üyesi Menekşe SAKARYA (Online)	29.04.2021
Conference	Salgın Yönetiminde Halk Sağlığı Hemşiresinin Rolü" Niğde Zübeyde Hanım Sağlık Yüksekokulu (Online)	06.05.2021
Workshop	Türkiye'de Arıcılığın Güncel Sorunları ve Gelecek Perspektifi Prof. Dr Ahmet ŞEKEROĞLU (Online)	21.05.2021
Conference	5.Uluslararası Hidrojen Teknolojileri Kongresi (IHTEC-2021) Niğde Ömer Halisdemir Üniversitesi (Online)	26.05.2021
Seminar	TÜBİTAK-Temel Bilimler Araştırma Enstitüsü İlham Verici Çevrim İçi Seminerler Serisi Niğde Ömer Halisdemir Üniversitesi (Online)	27.05.2021
Congress	III.Bitki Islahı ve Genetiği Tarım Bilimleri ve Teknolojileri Fakültesi (Online)	27.05.2021
Panel	Milli Kimlik ve Dil Kazak Kızlar Pedagoji Milli Üniversitesi Bakü Avrasya Üniversitesi (Online)	02.06.2021
Panel	5 Haziran Dünya Çevre Günü "Ekolojik Yıkımın Farkında Mıyız?" Doç. Dr Ece Ümmü DEVECİ (Online)	05.06.2021
Conference	TURK-COSE 2021: III. Uluslararası Türk Dünyası Fen Bilimleri ve Mühendislik Kongresi Niğde Ömer Halisdemir Üniversitesi (Online)	14-15.06.2021
Conference	International Congress on Art and Design Research and Exhibition Niğde Ömer Halisdemir Üniversitesi (Online)	21.06.2021
Conference	15 Temmuz Darbe Girişimi ve Türkiye'nin Demokrasi Mücadelesi Prof. Dr Mustafa Kazım ARICAN (Online)	15.07.2021
Seminar	"Kadına Şiddetle Mücadele" Doç. Dr. Nalan BEŞER GÖRDELES Şükran GÖK Aile ve Sosyal Hizmetler İl Müd	29.11.2021
Conference	"Susuzları Arayan Su; Mevlana" Prof.Dr. Ziya AVŞAR	17.12.2021
Concert	"Sınıftan Sahneye" Türk Musikisi Devlet Konservatuvarı Doç. Dr. Resul BAĞI	28.12.2021

6.8. Number of events related to sustainability

Table 44. Number of events related to sustainability

The number of social and academic activities related to sustainability in 2021 is 19.

6.9. Number of student organizations related to sustainability

The number of organizations by students in 2021 is 27 in total, and the number of activities related to sustainability is 18.

Table 45. Number of student organizations related to sustainability

Event	Event Time	Organizing Unit/Institution/Organization
Eğitim	6.11.2021	Dağcılık ve Doğa Sporları Kulübü
Fidan Dikimi	11.11.2021	Genç Yeryüzü Doktorları Kulübü
Kayseri Aksaray Niğde	27.11.2021	Coğrafya Araştırmaları Kulubu
HIV ve AIDS farkındalık Bilgilendirmesi	1.12.2021	Türk Tıp Öğrencileri Birliği
Biraz Moral	15.12.2021	Türk Halk Bilimi Topluluğu
Konuşmacı Zehra DOĞRUOĞLU "Travma"	8.12.2021	Psikolojik Danışma ve Rehberlik Kulübü
Kruvaziyer Turizmi ve Turizmde Yurtdışı İş İmkanları	9.12.2021	Gastronomi Kulübü
Akademik Proje Nasıl Yürütülür	7.12.2021	Genç Yeryüzü Doktorları Kulübü
Kan Ver Can Ver Kızılay Çadırı	8.12.2021	Genç Yeryüzü Doktorları Kulübü
Atatürk Kent Ormanı Sağlığımız İçin Yürüyelim.	18.12.2021	Genç Yeryüzü Doktorları Kulübü
Alay Kasabası el ve diş hijyen eğitimi	31.12.2021	Genç Yeryüzü Doktorları Kulübü
Paris İklim Anlaşması ve Türkiye-Avrupa Birliği İlişkileri	18.12.2021	Uluslararası İlişkiler Kulübü
Yerli Malı Haftası	17.12.2021	İletişim Kulübü
Halaç İlkokulu	20.12.2021	İletişim Kulübü
Kitap Okuma ve Tartışma	20.12.2021	Biyoteknoloji Kulübü
Türkiye Avrupa Karma Parlamento Komisyonu Türk Grubu	29.12.2021	Uluslararası İlişkiler Kulübü

Yunus Emre ve Tasavvuf	29.12.2021	Yeniler Kulübü
Mevlana'nın Çağrısı; Ne Olursa Ol Gel Gel ki Muhabbet Olsun	30.12.2021	İyiliğin Geleceği Kulübü

6.10. University-run sustainability website

<https://www.ohu.edu.tr/sifiratik2> (webpage of Waste Management Center)

6.11 Sustainability website address (URL)

<https://www.ohu.edu.tr/sifiratik2> (webpage of Waste Management Center)

6.12. Sustainability report

The first sustainability report of Niğde Ömer Halisdemir University has been prepared with this study.

6.13. Number of cultural activities on campus

Number of cultural activities on campus in 2021 is 35.

Table 46. Number of Cultural Events on Campus

Panel	İstiklâl Marşı ve Mehmet Akif ERSOY Niğde Ömer Halisdemir Üniversitesi (Online)	12.03.2021
Contest	ULUSLARARASI ÖMER HALİSDEMİR VE 15 TEMMUZ RUHU RESİM YARIŞMASI Niğde Ömer Halisdemir Üniversitesi Niğde Belediyesi (Online)	15.03.2021-30.05.2021
Panel	Çanakkale Destanının 106. Yılı Dönümü Paneli Prof. Dr Nevzat TOPAL Prof. Dr Hamdi DOĞAN (Online)	18.03.2021
Panel	Türk Dünyasında Nevruz Türk Dünyası Araştırmaları Uygulama Merkezi Müdürlüğü (Online)	26.03.2021
Seminar	Ufuk Avrupa 2021-2027 Bilgilendirme Semineri Konuşmacı: Hakan DUMAN (Online)	7.04.2021
Panel	Bağımsızlığının 30. Yılında Kazakistan Prof. Dr Murat BARUT (Online)	20.04.2021
Söyleşi	Gülten Dayıoğlu İle Okuma Kültürü Üzerine Söyleşi KOP ile Okur Dostu Okul Projesi (Online)	26.04.2021
Panel	Bağımsızlığının 30. Yılında Kırgızistan Türk Dünyası Araştırmaları Uygulama Merkezi Müdürlüğü (Online)	27.04.2021
Event	AW2021/2022 WOMEN'S FASHION TRENDS Dr Öğretim Üyesi Menekşe SAKARYA (Online)	29.04.2021
Contest	Gençliğin Kaleminden Mehmet Akif' Deneme Yarışması Niğde Ömer Halisdemir Üniversitesi (Online)	05.04.2021-15.06.2021
Concert	Konser: "Kökümüz Bir Türk'üz" Kazak Kızlar Pedagoji Milli Üniversitesi Bakü Avrasya Üniversitesi (Online)	02.06.2021

Award Ceremony	Ödül Yönergesi Ödül Töreni Niğde Ömer Halisdemir Üniversitesi (Online)	09.07.2021
Concert	TÜRKSOY Türk Dünyası Araştırmaları Uygulama ve Araştırma Merkezi	08.08.2021
Interview	Han Duvarları KOP Yazarlık Atölyesi ve Edebiyat Günleri Necip TOSUN Yazar (Online)	09.08.2021
Graduation Ceremony	2020-2021 Eğitim Öğretim Yılı Mezuniyet Töreni	19-20.08.2021
Oath-taking Ceremony	Niğde Zübeyde Hanım Sağlık Yüksekokulu Ant İçme Töreni	20.08.2021
Concert	Üniversitemize Yeni Katılan Öğrencilerimize Yapılan Konser	08.10.2021
Conference	“Türkiye Cumhuriyeti’nin Doğuşu” Doç. Dr. İbrahim ÖZTÜRK Niğde Ömer Halisdemir Üniversitesi	28.10.2021
Concert	29 Ekim Cumhuriyet Bayramı Etkinlikleri Türk Musikisi Devlet Konservatuarı Türk Halk Müziği Topluluğu	28.10.2021
Ceremony	“2021-2022 Akademik Yılı Açılış Töreni” Prof. Dr. Göksel AŞAN Cumhurbaşkanlığı Finans Ofisi Başkanı	03.11.2021
Festival	6. Türk Dünyası Belgesel Film Festivali “Dünya Dili Türkçe 9 Ülke Şehir 1 Festival	05.11.2021
Concert	Ud Resitali Dr. Öğr. Üyesi Hakan Emre ZİYAGİL	15.11.2021
Söyleşi	Dr. Öğr. Üyesi Burcu ÇABUK Ankara Üniversitesi Öğr. Üyesi	18.11.2021
Concert	24 Kasım Öğretmenler Günü Dr. Öğr. Üyesi Ali DELİKARA Dr. Öğr. Üyesi A. Rabia HAMZAOĞLU	24.11.2021
Conference	“İnsana Adanmış Bir Meslek: Öğretmenlik” Prof. Dr. Halil TOKCAN	24.11.2021
Exhibition	24 Kasım Öğretmenler Günü “Bugünden Yarına” Dr. Öğr. Üyesi Şemsi ALTAŞ	24.11.2021
Concert	“Anadolu Rock Konseri” Türk Musikisi Devlet Konservatuarı	10.12.2021
Ceremony	“Aşçı Önlük Giyme Töreni”	13.12.2021

	Niğde Sos. Bil. M.Y.O	
Conference	"Susuzları Arayan Su; Mevlana" Prof.Dr. Ziya AVŞAR	17.12.2021
Concert (Sema Gösterisi)	Türk Musikisi Devlet Konservatuvarı Öğr. Gör. Selçuk TİMUR "Şeb-Arus Etkinlikleri"	17.12.2021
Concert	"Türk Sanat Müziği" Türk Musikisi Devlet Konservatuvarı Prof. Dr. Timur VURAL Dr. Öğr. Üyesi Hakan Emre ZİYAGİL Öğr. Gör. Fatma Münevver ŞENDURAN	21.12.2021
Concert	"Acemaşiran Mevlevi Ayini Konseri" Türk Musikisi Devlet Konservatuvarı Prof. Dr. Timur VURAL Öğr. Gör. Selçuk TİMUR	27.12.2021
Concert	"Sınıftan Sahneye" Türk Musikisi Devlet Konservatuvarı Doç. Dr. Resul BAĞI	28.12.2021

6.14. Number of university program(s) to improve teaching and learning

To improve teaching and learning, training and opportunities such as internet-cloud system, quota increase, presentation techniques and program information were provided to academicians.

6.15. Number of sustainability community services project organized and/or involving students

In the "World Environment Day Interview (Panel)" organized by Atatürk University Environmental Problems Research Center, sharing the experience, information was given about the waste management system and awareness activities in our university (Figure 74). In addition, an online training panel was organized with the participation of our University's Waste Management Coordinator and Zero Waste Club for the "World Environment Day" (Figure 75).



Figure 69. Atatürk University Environmental Problems Research Center World Environment Day Interview

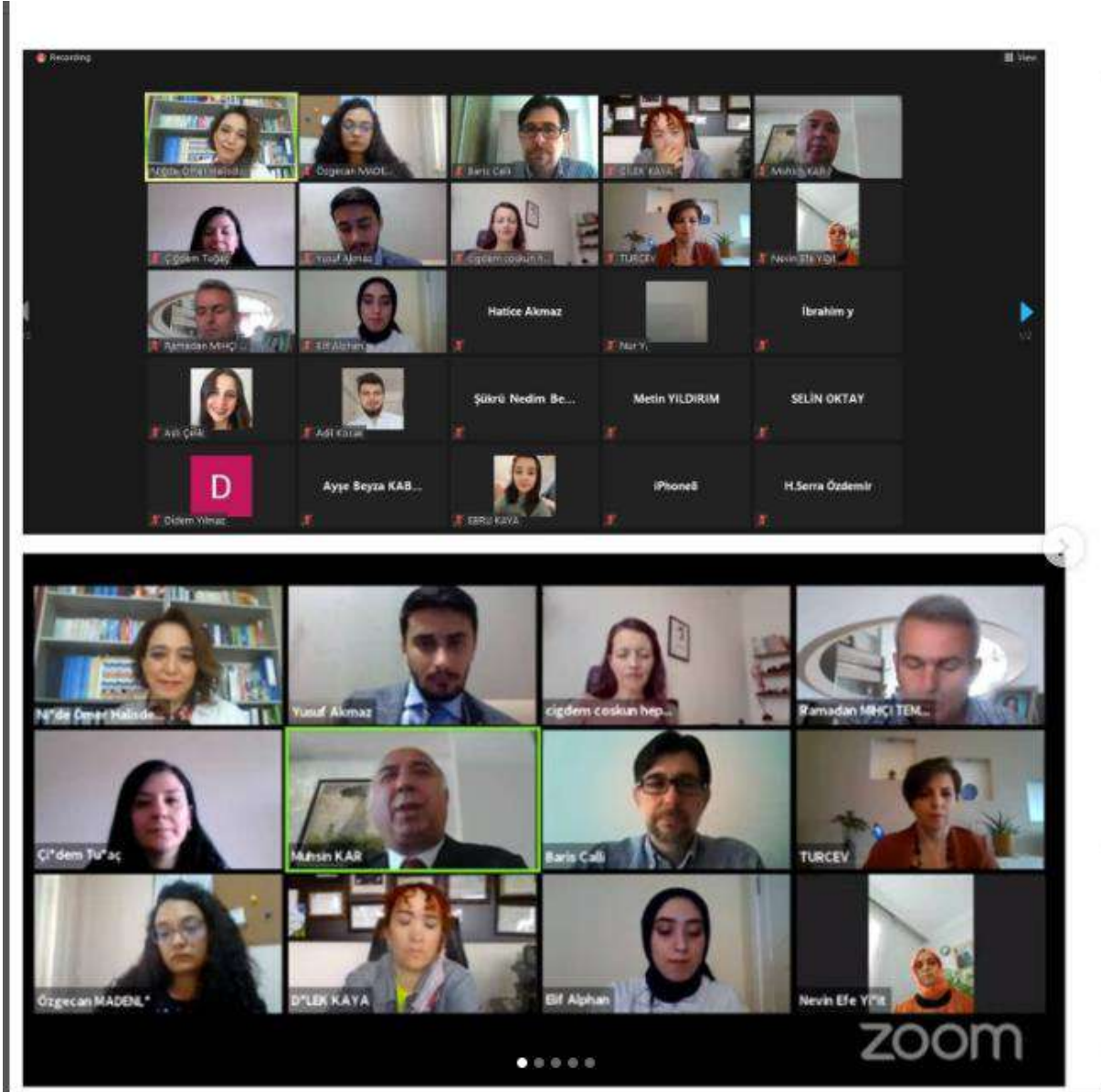


Figure 70. Waste Management Center and Zero Waste Club Education Panel

6.16. Number of sustainability-related startups

By year 2021, the number of entrepreneur companies registered in Tekno-Park A.Ş. is **42**. Information on registered companies is presented below (see Figure 76).

Firma Adı	Kuruluş Yılı	Faaliyet Alanı
Dpa Mühendislik Sanayi Ve Ticaret Limited Şirketi	01.03.2021	İnşaat
Doğuş Tarımsal Projeler Arge Hizmetleri A. Ş.	01.05.2017	Tarım
Doctar Biyoteknoloji Ticaret Ve Sanayi Ltd.Şti	03.08.2021	Tarım
Balkan Savunma Sanayi Ve Ticaret Limited Şirketi	05.08.2019	Savunma Sanayi
Kaos İnteraktif	06.01.2021	Yazılım
Dayneks Yazılım Sanayi Ve Ticaret Anonim Şirketi	06.02.2020	Bilgisayar ve İletişim Teknolojileri
Winpet Medikal Ltd.Şti.	06.02.2020	Tekstil
Svs İthalat İhracat Bilişim Teknoloji San.Ve Tic.Ltd Şti	06.04.2021	Medikal
G2R Teknoloji	07.09.2021	Yazılım
Labotecha Teknoloji Danışmanlık Sanayi Ve Ticaret Limited Şirketi	08.03.2017	Elektronik
Organics Bitkisel Ürünler Gıda Sanayi Ve Ticaret A.Ş	08.12.2020	Tarım
Talebe Yayın Dağıtım Arge Kırtasiye Sanayi Ve Ticaret Limited Şirketi	09.03.2018	Yazılım
Jkb Arge Danışmanlık San Ve Tic Ltd. Şti.	09.06.2017	İlaç
Baypayo Yazılım İnşaat San. Tic. Ltd. Şti.	10.08.2021	Yazılım
Doavita Tarım San. Ve Tic. A.Ş	11.02.2021	Tarım
Sky Robot Teknolojileri Sanayi Ticaret Ltd.Şti.	12.03.2018	Elektronik
Mişa Kozmetik Kimya Sanayi Ltd. Şti.	12.06.2020	Kimya
Biofarma	13.04.2021	Yazılım
Hostixo İnternet Ve Bilişim Ltd Şti.	13.06.2018	Telekomünikasyon
Gitek Elektrik Elektronik Müh. Ar.	14.01.2021	Gıda Sanayi
Hdy Kimya	14.06.2021	Kimya
Nutra Park Tarım Ticaret Ltd. Şti.	15.03.2020	Tarım
Arzum Elektrikli Ev Aletleri San. Ve Tic. A.Ş	15.12.2016	Mühendislik/Mimarlık Faaliyetleri
Htns Ar-Ge Teknoloji Geliştirme Pazarlama Sanayi Ve Ticaret Limited Şirketi	16.07.2019	Makine ve Teçhizat İmalatı
Edutechline Yazılım Eğitim Mimarlık Turizm Ticaret Ve Sanayi Ltd. Şti.	16.07.2021	Bilgisayar ve İletişim Teknolojileri
Altekna Mühendislik Ve Teknoloji Hizmetleri Sanayi Ve Ticaret Limited Şirketi	16.08.2021	Yazılım
Alyans Teknoloji Danş. San. Tic. Ltd. Şti.	18.08.2017	Yazılım
Kapsam Yazılım Gökhan Yasdı	19.02.2020	Yazılım
Faradx Enerji Teknolojileri Sanayi Ve Ticaret Limited Şirketi	19.07.2019	Enerji
Obtek Yazılım Eğitim Danışmanlık San. Ltd Şti	20.06.2019	Yazılım
Zafer Elektronik	21.04.2021	Elektronik
Etkili Öğrenme Akademisi Eğitim Danışmanlık Organizasyon Sanayi Ve Ticaret Limited Şti.	21.06.2020	Yazılım
Armszr Arge Sanayi Ve Tic Limited Şirketi	22.01.2021	Savunma Sanayi
Annova Kurumsal Teknoloji Hizmetleri Tic.Ltd.Şti	22.04.2019	Yazılım
Çağrı Elektronik Sanayi Güllali Yıldırım	22.05.2019	Yazılım
Naturales Kimya Sanayi Ticaret Aş	23.03.2021	Geri Dönüşüm
Natural Jips Gübre Makine Maden Sanayi Tic. Ltd. Şti.	23.11.2018	İmalat Sanayi
Alice Eğitim Teknolojileri Sanayi Ve Ticaret Ltd. Şti.	26.02.2020	Yazılım
Phd Akademi San. Ve Tic. Ltd. Şti.	27.04.2021	Yazılım
Labx	28.04.2021	Gıda Sanayi
İsg360	29.05.2020	Yazılım
Neo Yazılım Ve Bilişim Sistemleri San. Ve Tic. Ltd. Şti.	31.05.2021	Yazılım

Figure 71. Entrepreneurial companies registered in NOHU Teknopark A.Ş.