



NEAR EAST UNIVERSITY
EDUCATION UNIT
COORDINATION OF COMMON COURSES
COURSE OUTLINE

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| Course Code GEC231 | Course Name Sustainable Development & Education | Class (All year 1,2,3,4 undergraduate/ graduate students) | Credits 2 | ECTS 3 | |
| Prerequisite: None | | | | | |
| Course Language: English | | Lesson Type: Elective General Online Common Courses | | Year: 2023-2024 | |
| Weekly Lesson Times | Class Time | Laboratory | Application | Learning Sessions | |
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| Course Coordinator: Assoc. Prof. Dr. İpek Danju E-mail: ipek.danju@neu.edu.tr Web: https://odk.neu.edu.tr/ | | | | | |
| Learning Outcomes | <ol style="list-style-type: none">1. Understanding the Concept of Sustainable Development:<ul style="list-style-type: none">• Understanding and evaluating the concept of sustainable development and its importance.• Grasping the economic, social, and environmental dimensions of sustainable development.2. Recognizing Sustainable Development Goals:<ul style="list-style-type: none">• Recognizing the 17 sustainable development goals and understanding the objectives of each.• Assessing the impact of these goals on societies and the world.3. Understanding Inequalities and Injustices:<ul style="list-style-type: none">• Understanding economic and social inequalities in the context of sustainable development goals.• Developing sensitivity to injustices and evaluating solutions.4. Recognizing Environmental, Social, and Economic Issues:<ul style="list-style-type: none">• Identifying environmental, social, and economic issues that undermine sustainable development goals.• Gaining awareness in areas such as climate change, nature conservation, and resource management.5. Understanding the Relationship between Sustainability and Human Rights:<ul style="list-style-type: none">• Understanding how sustainable development is related to human rights and social justice.• Evaluating the interaction between the protection of human rights and sustainable development.6. Assessing Global Collaboration and Partnerships:<ul style="list-style-type: none">• Understanding how international collaboration and partnerships support sustainable development goals.• Grasping the importance of global cooperation.7. Developing Sustainable Development Projects:<ul style="list-style-type: none">• Developing the ability to design and implement sustainable development projects.• Planning projects that can positively impact communities and the environment.8. Promoting Sustainable Development Awareness in the Community:<ul style="list-style-type: none">• Increasing societal awareness of sustainable development issues and contributing to educational efforts.• Acquiring the skills to contribute to awareness and education initiatives in sustainable development. | | | | |
| Course Definition | This course has been organized to enable our students to better understand university life, consisting of various activities aimed at acquiring the identity of being a Near Easterner and adapting more easily to university life. | | | | |

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| Course Aims | <ol style="list-style-type: none"> 1. Understanding the Concept of Sustainable Development: Introducing students to the concept of sustainable development, helping them understand the principle of sustainability, and encouraging them to relate this concept to their daily lives and careers. 2. Recognizing Sustainable Development Goals: Introducing students to the 17 sustainable development goals, helping them understand what each goal aims to achieve, and the global impact of these goals. 3. Understanding Environmental, Social, and Economic Issues: Explaining environmental issues (e.g., climate change), social issues (e.g., inequality) associated with sustainable development to students and helping them grasp why these economic issues are significant. 4. Evaluating Global Collaboration and Partnerships: Encouraging students to support sustainable development goals at the international level and promoting the role of global collaboration and partnerships, fostering students' skills in solving global issues. 5. Developing Sustainable Development Projects: Providing students with opportunities to design and implement sustainable development projects, encouraging students to seek solutions to societal and environmental problems. 6. Spreading Awareness of Sustainable Development: Offering opportunities for students to educate their communities on sustainable development issues and contribute to spreading awareness, helping students enhance their leadership and impact-creating abilities | | |
| Course Books and/or Resources | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 | | |
| Course Content | <p>Understanding and Importance of Sustainable Development Goals (SDGs), Their History and Universal Acceptance, The Role of Education in Reducing Poverty, Education Policies Aimed at Poverty Reduction, Agriculture Education and Combating Hunger, Contribution of Universities to Combating Hunger, Connection Between Education and Health, Global Health Education Projects, Link Between Education and SDGs, Role of Qualified Teachers, Diversity of Opportunities in Education, Teaching Methods and Technology, Sustainable Education Approaches/Responsibilities of Universities, Sustainability and Education, Inequalities in Education and Solutions, Gender Inequality and Education, Diversity for Students from Different Countries/Cultures/Races, Sustainable Management of Water Crisis and Water Resources, Ecological Importance and Threats of Oceans and Seas, Concept of Carbon Footprint, Teaching Clean Energy Technologies, Education and Awareness on Climate Change, Relationship Between Education and the Business World, Social Responsibility and Business Ethics Education, Innovation and Entrepreneurship Education, Technological Renewal and Infrastructure Projects, Urban Planning and Urban Education, Sustainable Transportation and Environmental Education, Smart and Sustainable Campus Strategies, Consumption Habits and Resource Consumption, Waste Management and Recycling Education, Rule of Law, Human Rights, and Civil Society Participation, Concept of Global Collaboration and Partnership, Sustainable Management of Forests and Terrestrial Ecosystems.</p> | | |
| Methods Used in the Lesson | Asynchronous Educational Video Presentation, Question-Answer, Project Based..... | | |
| WEEKLY LESSON PROGRAM | | | |
| Module | Module Heading and Details | Lecturer | Reference / Resource |

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| 1 | Introduction to Sustainable Development Goals <ul style="list-style-type: none"> • Definition and importance of SDGs • History and universal acceptance of SDGs • The relationship between education and sustainable development | Özlem Ercantan ozlem.ercantan@neu.edu.tr Ayşe Hyusein ayse.hyusein@neu.edu.tr | 1 |
| 2 | End Poverty (SDG 1) <ul style="list-style-type: none"> • The role of education in reducing poverty • Expanding educational opportunities and combating poverty • Education policies to reduce poverty | Zehra Azizbeyli zehra.azizbeyli@neu.edu.tr | 2 |
| 3 | Zero Hunger (SDG 2) <ul style="list-style-type: none"> • Food security and education • Agricultural education and combating hunger • Contributions of universities to combating hunger | Perihan Adum perihan.adun@neu.edu.tr | 3 |
| 4 | Good Health and Well-being (SDG 3) <ul style="list-style-type: none"> • The connection between education and health • Health education and the role of universities • Global health education projects | Murat Özgören murat.ozgoren@neu.edu.tr | 4 |
| 5 | Quality Education (SDG 4) <ul style="list-style-type: none"> • Connection between education and SDGs • Role of qualified teachers • Equal opportunities in education, teaching methods, and technology • Universities' sustainable education approaches/responsibilities • Sustainability and Education, United Nations' Decade of Education for Sustainable Development Goals | Fahriye Altınay fahriye.altinay@neu.edu.tr | 5 |
| 6 | Reduce Inequality and Gender Equality (SDG 10 - SDG 5) <ul style="list-style-type: none"> • Inequalities in education and solutions • Social justice and equality education • Our university's contributions to reducing inequality • Gender inequality and education • Our university's efforts in gender equality • Equality for students from different countries/cultures/races | Nesrin Cambaz nesrin.cambaz@neu.edu.tr | 6 |
| 7 | Life Below Water and Clean Water and Sanitation (SDG 14 - SDG 6) <ul style="list-style-type: none"> • Water crisis and sustainable management of water resources • University research and educational activities on water issues • Conservation of water resources and access to clean water • Ecological importance and threats to oceans and seas • Strategies for marine conservation and sustainability of underwater life • University projects for marine and ocean conservation | Özge Özden ozge.ozden@neu.edu.tr | 7 |
| 8 | Affordable and Clean Energy and Climate Action (SDG 7-13) <ul style="list-style-type: none"> • Concept of Carbon Footprint • Teaching clean energy technologies | Lida Vefeai lida.vefeai@neu.edu.tr | 8 |

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| | <ul style="list-style-type: none"> Climate change education and awareness Our university's energy efficiency and climate-friendly practices | | |
| 9 | Decent Work and Economic Growth (SDG 8) <ul style="list-style-type: none"> Relationship between education and the business world Social responsibility and business ethics education Contributions of universities to entrepreneurship and economic growth | Hüseyin Baykan huseyin.baykan@neu.edu.tr | 9 |
| 10 | Industry, Innovation, and Infrastructure (SDG 9) <ul style="list-style-type: none"> Innovation and entrepreneurship education Technological innovation and infrastructure projects Impact of our university on innovation and infrastructure development | Sıla Gürler sila.gurler@neu.edu.tr | 10 |
| 11 | Sustainable Cities and Communities (SDG 11) <ul style="list-style-type: none"> Urban planning and urban education Sustainable transportation and environmental education University research and projects on urban sustainability Smart and Sustainable Campus Strategies | Buket Asilsoy buket.asilsoy@neu.edu.tr | 11 |
| 12 | Responsible Consumption and Production (SDG 12) <ul style="list-style-type: none"> Consumption habits and resource consumption Waste management and recycling education Environmental-friendly practices of our university | Farhad Bolouri farhad.bolouri@neu.edu.tr | 12 |
| 13 | Life on Land (SDG 15) <ul style="list-style-type: none"> Sustainable management of forests and terrestrial ecosystems Nature conservation projects of our university | Salih Gücel salih.gucel@neu.edu.tr | 13 |
| 14 | Peace, Justice, Strong Institutions, and Partnerships for the Goals (SDG 16-17) <ul style="list-style-type: none"> Rule of law, human rights, and civil society participation University legal education, human rights projects, and civil society support Concept of global collaboration and partnership International collaboration for sustainable development | Tutku Tuğyan tutku.tugyan@neu.edu.tr | 14 |

Course Participation: Minimum %50

| Evaluation: | Module | | Process Oriented Performance-Based Assessment(s) | % 70 + % 30 lecture videos | Reference/Resource |
|-------------|---------------------------------------|---|--|--|--------------------|
| | 1 | Introduction to Sustainable Development Goals | | 5 | 1,2,3,4 |
| 2 | End Poverty | | 5 | | |
| 3 | Zero Hunger | | 5 | | |
| 4 | Good Health and Well-being | | 5 | | |
| 5 | Quality Education | | 5 | | |
| 6 | Reduce Inequality and Gender Equality | | 5 | | |

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| | 7 | Life Below Water and Clean Water and Sanitation | | 5 | |
| | 8 | Affordable and Clean Energy and Climate Action | | 5 | |
| | 9 | Decent Work and Economic Growth | | 5 | |
| | 10 | Industry, Innovation, and Infrastructure | | 5 | |
| | 11 | Sustainable Cities and Communities | | 5 | |
| | 12 | Responsible Consumption and Production | | 5 | |
| | 13 | Life on Land | | 5 | |
| | 14 | Peace, Justice, Strong Institutions, and Partnerships for the Goals | | 5 | |
| Learning Program | | | | | |
| Educational Tool | Amount | Student Workload (Hours) | Educational Tool | Amount | Student Workload (Hours) |
| Pre course preparation | 14 | 14*1=14 | | | |
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| | | | Total | | |
| Perceived ECTS Credits (Total Workload / 30) : | | | | 90/30 = 3 | |