



Pécsi Tudományegyetem
University of Pécs



University: University of Pécs
Country: Hungary

SDG17: PARTNERSHIP FOR THE GOALS

17,4 Education for the SDGs

17.4.1. Education for SDGs commitment to meaningful education

Have a commitment to meaningful education around the SDGs across the university, relevant and applicable to all students

- **Education integrated across full curriculum**
- **Mandatory education for all**
- **Optional education for all**

- Education integrated across full curriculum

According to point 1 ('The fundamental values and mission of the University of Pécs') of the University of Pécs Sustainability Report 2024 document:

“The University's core values are defined by the duality of tradition and innovation, which also form the basis of its organisational culture. Its educational, research and artistic programmes are built on historical foundations, yet remain open to changes in the social and economic environment. Responsible and strategic management makes decisions that promote both sustainable growth and international competitiveness. The aim of the University of Pécs is to contribute to the sustainable development of Hungary and the European Union in the fields of education, research, science, arts and healthcare. The institution aims to play a prominent role at the regional level in promoting intellectual achievement, civic well-being and economic development, while creating an environment that fosters innovative thinking and creativity.”

The University of Pécs Strategy (2023-2030) document shows that sustainability is the flagship strategic goal of the University of Pécs:

The University's Strategic Objectives in Priority Groups



According to point IV. 1. a) of the University of Pécs Strategy (2023-2030) document:

“IV. THE UNIVERSITY’S STRATEGIC OBJECTIVES IN PRIORITY GROUPS

1. Institution-Specific Strategic Objectives: These are a collection of strategic objectives unique to the University of Pécs, distinct from other Hungarian higher education institutions. They hold a primary position in meeting the expectations outlined by the maintainer and are applicable as fundamental requirements in all dimensions that define higher education activities. The university's institution-specific strategic objectives, taking into account the key strategic directions proposed by the Universitas Quuniqueecclesiensis Foundation's Strategy, are as follows:

a) Sustainability (flagship objective) Environmental, social, and economic sustainability considerations must be integrated into all dimensions of higher education and the university's own operations. Special attention should be given to cleantech topics (technologies based on environmental sustainability) across all educational and scientific fields at the university, building upon the results already achieved in international rankings.”

The following table has been compiled, which contains the courses related to sustainability launched at the University of Pécs in 2024.

The table contains the following information about the courses:

- Column "A": the course number,
- Column "B": the name of the relevant Faculty,
- Column "C": the name of the course,
- Column "D": the level of the course,
- Column "E": a description of what students learn in the course that is related to sustainability,
- Column "F": the SDGs from the 17 UN Sustainable Development Goals to which the course is linked.

Number	Faculty	Course (not modules) title: FIR	Course level	Description	UN 1-17 Sustainable Development Goal number to which it relates
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1.	Medical School	General Medicine	Unified, undivided training	The subject analyses the factors influencing disease development, investigates the social and economic factors playing role in the health prevention. The aim of the course is the introduction into the environmental related health impacts and with a particular focus on the prevention. Introduction to the current immunobiology. Construction of the human immune system: organs, tissues, cellular and molecular components. How could be managed a child or an adult patient living in wheelchair or patient with visual impairment, or deaf? How could be their life better? This course focuses on practical knowledge in medical rehabilitation, the different problems and possibilities of patients with disabilities. A detailed presentation will be given of modern biophysical and imaging methods to follow the pathway of radiopharmaceuticals in different organs to earn precise morphological and functional results by the new multimodal systems. As a subspeciality of internal medicine, gastroenterology training combines a weekly lecture and weekly bedside practice to overview main issues of digestive system disorders, and bedside training to promote skills in physical examination and management of patients with gastrointestinal, pancreatic, and hepatic disorders.	3, 5, 9, 10
2.	Medical School	Medical Biotechnology	MA/MSc	This course provides theoretical and practical information for the students to maintain and improve their physical condition and helps to deepen the knowledge in the field of healthy lifestyle. Theoretical and practical knowledge during different types of exercises e.g. how to improve endurance, muscle force, motor skills and how to prevent the body from injuries.	3,5, 10
3.	Medical School	Dentistry	Unified, undivided training	The aim of this subject is that graduate students can acquire the knowledge regarding the aetiological factors and characteristics of orthodontic anomalies as well as possible treatment strategies. This is necessary for general dental practitioners to be able to recognise orthodontic problems and to take part in interdisciplinary collaboration. Students should acquire all radiologic diagnostic methods used in dentistry. Students should be able to make intraoral x-ray. Public Health represents the preventive side of medicine. The subject deals with primary, secondary and tertiary prevention of the most challenging diseases of public health. The aims are to examine the process of disease development and demonstrate the possibilities of prevention on individual and community levels.	3, 5, 9, 10

4.	Medical School	Specialist in Migrant Health	Specialist training	The course is turning the attention to and provides the basic knowledge and skills for answering the need generated by the rapidly growing number of migrants and tourists who may appear and ask for assistance at any level of the health care system Europe wide. Recognizing rare diseases, providing proper medical assistance for travellers and migrants is a priority aim of this curriculum while it helps also in coping successfully with intercultural, inter-religious problems and their health impact and understanding well the human rights angle of the successful integration of migrants.	3, 5, 10, 16
5.	Medical School	Medical and Biomedical Translator	Specialist training	To train competent translators in the field of (bio)medicine being capable of mediating between Hungarian and English in writing, translating from Hungarian into English and from English into Hungarian, proofreading, vetting and editing.	4, 5, 9
6.	Faculty of Law	Family law lawyer	Specialist training (LL. M.)	The course introduces students to the information needed for constitutional protection of marriage and the family, and within it.	3, 5, 16
7.	Faculty of Law	Juvenile Cases Specialist	Specialist training (LL. M.)	Theoretical and practical examination of the investigation phase of criminal proceedings vis-a-vis juvenile delinquents.	16
8.	Faculty of Law	Judicial Administration	BA/BSc/BProf	The program offers basic knowledge of judicial administration, especially procedural laws and the organisation and administration of judicial institutions, as well as legal databases in practice.	16
9.	Faculty of Law	ICT law counsellor with a certificate in law postgraduate specialisation programme	Specialist training	Introduction of the legal aspects of information technology based on international and domestic regulations, analysis of related legal practice.	9, 16
10.	Faculty of Law	Infocommunication lawyer	Specialist training (LL. M.)	Introduction of the legal aspects of information technology based on international and domestic regulations, analysis of related legal practice.	9, 16

11.	Faculty of Law	Jurist	Unified, undivided training (master level)	Acquire basic knowledge in three areas: Public Proceedings, Infringement Procedure and Public Service Law. The course deals with the main concepts and basic legal institution of law and state. The aim of the course is to introduce the Hungarian Labour Law. The doctrine of the employment relationship, General provisions of the Labour Code, Employment regulations (sources of labour law), The employment contract and the employment relationship, Parties to employment relationship, Commencement of an employment relationship, Performance of employment contracts I., Performance of employment contracts II., Amendment of employment contract, Termination of employment relationship, Liability for Damages in the labour law, Enforcement of Labour-law Claims.	8, 16
12.	Faculty of Law	Jurist - Correspondence Training	Unified, undivided training (master level)	Acquire basic knowledge in three areas: Public Proceedings, Infringement Procedure and Public Service Law. The course deals with the main concepts and basic legal institution of law and state. The aim of the course is to introduce the Hungarian Labour Law. The doctrine of the employment relationship, General provisions of the Labour Code, Employment regulations (sources of labour law), The employment contract and the employment relationship, Parties to employment relationship, Commencement of an employment relationship, Performance of employment contracts I., Performance of employment contracts II., Amendment of employment contract, Termination of employment relationship, Liability for Damages in the labour law, Enforcement of Labour-law Claims.	8, 16
13.	Faculty of Law	Paralegal	ISCED 5A	The course deals with the main concepts and basic legal institution of law and state, theoretical and practical examination of the investigation phase of criminal proceedings.	16
14.	Faculty of Law	Mediator	Specialist training	The aim of the course is to familiarize students with the characteristics and conditions of alternative dispute resolution methods that can be used in the process of settlement development, and to provide them with the competencies to conduct effective mediation.	11, 16
15.	Faculty of Law	Labor law lawyer	Specialist training (LL. M.)	The course introduce the principle of non discrimination in the labour law. The functions and the tools of the state's employment policy. Interest reconciliation methods. The state's policy. Organizations regarding the state's employment policy.	5, 8, 10, 16

16.	Faculty of Law	Labor law consultant	Specialist training	Fundamentals of the European labour law. Collective redundancy. Business transfer. Insolvency. Working time. Principle of non-discrimination. Part time work. Fixed term contracts. Temporary work. Telework. European Works Councils. Social dialogue in the European Union.	5, 8, 10, 16, 17
17.	Faculty of Law	Company law lawyer	Specialist training (LL. M.)	The aim of the course is to provide in-depth knowledge of Hungarian Company Law for practicing lawyers.	8, 16
18.	Faculty of Law	LL. M. in enforcement of judicial decisions	Specialist training (LL. M.)	The training provides in-depth knowledge of the theoretical and practical questions of the law of the enforcement of judicial decisions.	9, 16
19.	Faculty of Law	Public procurement law consultant	Specialist training	The training aims to ensure the acquisition of practice-oriented, theoretically grounded legal and related knowledge in the field of public procurement.	8, 9, 16
20.	Faculty of Law	LL. M. in public procurement law	Specialist training (LL. M.)	The training aims to ensure the acquisition of practice-oriented, theoretically grounded legal and related knowledge in the field of public procurement.	8, 9, 16
21.	Faculty of Law	Energy law advisor	Specialist training	Specialists should acquire comprehensive and practice-oriented knowledge of the specific regulatory issues of the various energy fields and learn about the essential technical and economic characteristics of the energy sector.	6, 7, 9, 11, 12, 13, 14, 15, 16, 17
22.	Faculty of Law	LL. M. in energy law	Specialist training (LL. M.)	Specialists should acquire comprehensive and practice-oriented knowledge of the specific regulatory issues of the various energy fields and learn about the essential technical and economic characteristics of the energy sector.	6, 7, 9, 11, 12, 13, 14, 15, 16, 17
23.	Faculty of Law	ESG approach to Business Law LL. M.	Specialist training (LL. M.)	The training aims to ensure the acquisition of practice-oriented, theoretically grounded legal and related knowledge of the regulatory framework related to environmental, social and governance (ESG).	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
24.	Faculty of Law	ESG approach to Business Law advisor	Specialist training	The training aims to ensure the acquisition of practice-oriented, theoretically grounded legal and related knowledge of the regulatory framework related to environmental, social and governance (ESG).	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,
25.	Faculty of Law	Medical and healthcare professional with a specialized legal qualification	Specialist training	The training aims to enable doctors, dentists, pharmacists and health professionals with higher education qualifications to solve legal and administrative problems arising in the health sector's operation and management, apply new rules and organise local implementation.	3, 4, 10, 16

26.	Faculty of Law	LL. M. in Defence and Security Administration Law	Specialist training	The training aims to develop professionals capable of contributing confidently and effectively to legal decision-making in special legal regimes, such as emergencies or extraordinary governance situations.	4, 11, 16
27.	Faculty of Law	Defence and Security Administration consultant	Specialist training	The training aims to develop professionals capable of contributing confidently and effectively to legal decision-making in special legal regimes, such as emergencies or extraordinary governance situations.	4, 11, 16
28.	Faculty of Humanities and Social Sciences	Ancient Languages and Cultures (Classical Philology)	BA/BSc/BProf	Training of humanities professionals with practical knowledge who are able to become acquainted with the fields of knowledge of ancient Greco-Roman culture. They have a basic knowledge of Latin and ancient Greek, the history and culture of the peoples and countries of the ancient Mediterranean and the areas in contact with it, and a deeper knowledge of classical antiquity.	4, 10, 11, 16
29.	Faculty of Humanities and Social Sciences	Applied Linguistics	MA	A distinguished aim of the course is to familiarise students with the different scenes and fields of communication (e.g., schools, offices, state administration, court of justice, minority, bilingualism) in order to teach them how to become effective in these areas (a key ingredient in the elimination of poverty), and to help others in becoming effective (children, minority groups, people with disabilities), including the safe and efficient exploitation of modern AI technology (which is based on sophisticated computational linguistics). They will learn the linguistic background of regulatory principles relating to the protection of personality, the prohibition of hate speech, the protection of children, strive for gender equality, detection of fake news.	1,4,5, 16
30.	Faculty of Humanities and Social Sciences	Archaeology	BA/BSc	Training of professionals with theoretical and practical knowledge of Archaeology in order to understand the history and material culture of the peoples and countries of the ancient world and the areas in contact with it.	16, 17
31.	Faculty of Humanities and Social Sciences	Bibliotherapy	Specialist training	Course for personality development, primarily with a group therapy structure, which is as internationally widespread in the field of pedagogical, library and social care as in the clinical field, as a supplement to the treatment and rehabilitation of patients.	3, 11

32.	Faculty of Humanities and Social Sciences	Communication and Media Science	MA/MSc	The aim of the course is to familiarise students with the regulatory framework of public communication and the main rules governing the functioning of the media system. Students will learn about the guarantees and limits of freedom of expression and freedom of the press. They will learn the regulatory principles relating to the protection of personality, the prohibition of hate speech and the protection of children. The course will cover the tasks of the media authority and the legal framework that shapes the media market.	5, 10, 11, 16
33.	Faculty of Humanities and Social Sciences	Community Coordination	BA/BSc/BProf	The aim of the programme is to train professionals for cultural, human and community based coordination activity, who will be able to operate cultural, entrepreneurial and non-profit organisations, state or municipal institutions, integrated, multifunctional organisations or institutions.	10, 11, 16
34.	Faculty of Humanities and Social Sciences	Cultural heritage Studies	MA/MSc	Acquisition of knowledge of cultural history and cultural theory, in possession of which they are able to historically interpret the economic, mental, environmental and information system of cultural heritage; are familiar with work processes for the protection, demonstration and management of cultural heritage.	11
35.	Faculty of Humanities and Social Sciences	Educational Science	MA/MSc	Broadening and deepening the theoretical and methodological knowledge in the field of getting to know the personality of children, as well as in planning and implementing pedagogical interventions that fit the personality.	4
36.	Faculty of Humanities and Social Sciences	Ethnography	BA/BSc/BProf	The aim is to train professionals who understand their own and others' culture, who are able to shape the cultural identity of narrower and wider communities, and who are tolerant of other people's culture, who are proficient in cultural research and cultural anthropology.	4, 5,10, 11
37.	Faculty of Humanities and Social Sciences	Ethnography	MA/MSc	With their knowledge of ethnography, folklore and cultural anthropology, they are able to analyze and interpret their own and others' culture, are proficient in cultural research and know the peculiarities of culture in the past and present.	1,2,3,4,10
38.	Faculty of Humanities and Social Sciences	Human Ecology	MA/MSc	During the training, students receive complex knowledge about contemporary ecological, economic, social, and ethical problems. The purpose of the training is to prepare theoretical and practical professionals who, knowing the interactions between social and natural systems, are able to explore the social dimension of environmental problems, analyze social and cultural processes from an ecological perspective, plan and organize them on a local and global level.	1,3, 4, 5,6, 7, 8, 10, 11, 12, 13, 15, 16, 17

39.	Faculty of Humanities and Social Sciences	Human resources counselling	MA/MSc	The aim of the course is to train professionals who will be able to provide professional assistance to organizations and companies in one of the functional areas of management consulting, in the field of human resources. In addition to acquiring theoretical and methodological knowledge related to consulting, students can learn about modern methods and techniques of planning, strategy making, change management, personnel work and human resource management. During the training, we also place great emphasis on the special knowledge of organizational and social psychology in this field. In line with European trends, emphasis will be placed on career guidance, career psychology and career planning.	5, 8, 10
40.	Faculty of Humanities and Social Sciences	Hungarology	MA/MSc	It provides complex knowledge about the Hungarian cultural heritage, its unique features and its European and regional parallels and embeddedness. It enables us to effectively represent our national culture in other cultural code systems, to examine different national cultures impartially, and to participate professionally in intercultural dialogue.	4, 10, 11, 16
41.	Faculty of Humanities and Social Sciences	International Relations BA	BA/BSc/BProf	This course provides an analysis of the economic relationships between countries, covering both trade and financial market and monetary issues. It discusses international flows, bilateral agreements and the main growth factors as well as crisis in the world economy. It examines the role of the state and the MNC in the economy.	8, 10, 17
42.	Faculty of Humanities and Social Sciences	International Relations	MA/MSc	The aim of the course is to train intellectuals who are able to navigate the world of international relations, are able to adequately represent national and regional interests, are sensitive to global problems and are able to deal with the challenges of the European integration process. and non-governmental organizations are able to maintain international contacts, solve creative problems and flexibly solve complex tasks.	16, 17
43.	Faculty of Humanities and Social Sciences	Literary and Cultural Studies	MA/MSc	Besides providing advanced knowledge of Hungarian and European Literature regarding literary and cultural theories, this course offers specializations for the students in various fields of literature, from the Renaissance until contemporary literature and culture.	4, 5, 16
44.	Faculty of Humanities and Social Sciences	Mental hygiene and community support	Specialist training	Mental hygiene knowledge, community support	3, 12

45.	Faculty of Humanities and Social Sciences	Pedagogy	BA/BSc/BProf	The program aims to train aim of the course is to train pedagogical professionals who know and understand the world of society, culture, learning and teaching, are able to contribute to the processes supporting the learning, development and improvement of groups and individuals in quality and responsible work. They are suitable for assisting in the performance of in-school and out-of-school education and upbringing tasks; in organizations and institutions dealing with educational matters, to perform tasks requiring basic pedagogical qualifications. They are committed to lifelong learning and manage their tasks with appropriate autonomy.	4, 8, 11
46.	Faculty of Humanities and Social Sciences	Political Science	BA/BSc/BProf	The program is designed to train highly qualified professionals who not only have theoretical knowledge but can understand, understand and analyze political processes and the functioning of public administration. In addition to Hungary and the European Union, our students can get acquainted with other regions during their studies. During their courses, they can go through the political, economic and cultural processes in the international arena from Asia to Africa, the Middle East to the American continent. They get a comprehensive picture of the functioning of state, political organizations, parties and NGOs, electoral systems and types of government.	10, 16, 17
47.	Faculty of Humanities and Social Sciences	Political Science	MA/MSc	They gain in-depth knowledge of the political system and relations of society, their main laws, and are informed about scientific theories about political institutions, the organization of political power and the formation of public policy, as well as the knowledge required for practical application.	16, 17
48.	Faculty of Humanities and Social Sciences	Psychology	BA/BSc/BProf	Through course, our students acquire skills and knowledge that enable them to learn, map, and develop factors related to the well-being of individuals, groups, and organizations at a basic level.	3
49.	Faculty of Humanities and Social Sciences	Public education management and educator's specialist examination	Specialist training	The training provides preparation for the acquisition of knowledge of individual and pedagogical community rights in the organization of education, educational management, school administration, management, professional development, and public education.	4, 16
50.	Faculty of Humanities and Social Sciences	Roma studies	BA/BSc	The participants of the course acquire knowledge about the effective communication of issues concerning the Roma communities to all social organizations that communicate with these communities, and at the same time are able to communicate the needs expressed by the social organizations to the local Roma communities.	1, 11, 16

51.	Faculty of Humanities and Social Sciences	School social work	Specialist training	School social work is a professional, inter- and multidisciplinary activity that is able to solve the problems of individuals, families, communities and institutions in a novel way, to introduce innovative services, and to support school goals.	5, 16, 17
52.	Faculty of Humanities and Social Sciences	Social work	BA/BSc/BProf	The International Federation of Social Workers defines social work as follows: "Social work is a practice-based profession and an academic discipline that promotes social change and development, social cohesion, and the empowerment and liberation of people. Principles of social justice, human rights, collective responsibility and respect for diversities are central to social work. Underpinned by theories of social work, social sciences, humanities and indigenous knowledges, social work engages people and structures to address life challenges and enhance wellbeing." The environment here is understood in its broadest sense, incorporating the natural and the societal environment. Students in social work, following a systemic approach, learn about the basics of social ecology and about the interconnectedness of social and environmental problems.	1,2,3,4,5,6,8,10, 11,13,16,17
53.	Faculty of Humanities and Social Sciences	Social work	MA/MSc	The International Federation of Social Workers defines social work as follows: "Social work is a practice-based profession and an academic discipline that promotes social change and development, social cohesion, and the empowerment and liberation of people. Principles of social justice, human rights, collective responsibility and respect for diversities are central to social work. Underpinned by theories of social work, social sciences, humanities and indigenous knowledges, social work engages people and structures to address life challenges and enhance wellbeing." The environment here is understood in its broadest sense, incorporating the natural and the societal environment. Students in social work, following a systemic approach, learn about the basics of social ecology and about the interconnectedness of social and environmental problems.	1,2,3,4,5,6,8,10, 11,13,16,17

54.	Faculty of Humanities and Social Sciences	Social policy (Territorial Social Policy Specialization); Social policy (Employment Policy Specialization)	MA/MSc	The Territorial Social Policy specialization of the Social Policy major is committed to exploring the territorial characteristics of social problems. During the presentation of social problems in a regional, territorial, and local context, questions and solutions for meeting sustainability expectations are also discussed. The Employment Policy specialization of the Social Policy major is committed to exploring the labor market and employment characteristics of social problems. During the presentation of social problems in a labor market and employment policy context, questions and solutions for meeting sustainability expectations are also discussed.	1,2,3,4,6,7,8,9,10,11,12,13,15,17 (Territorial Social Policy Specialization) 1,3,4,5,8,9,10,12,17 (Employment Policy Specialization)
55.	Faculty of Health Sciences	Health Care Manager	MA/MSc	The aim of the course is to train health managers who are able to perform management and organizational tasks (analysis, planning, management, control) at different levels of the health care system, to efficiently operate health care organizations, to manage long-term professional and economic and to ensure a balance of organizational stability.	3, 16
56.	Faculty of Health Sciences	Nursing and Patient Care (Nurse)	BA/BSc/BProf	In the course, they become able to participate in prevention, healing, care and rehabilitation work at the level of health and social care with independent responsibility.	3
57.	Faculty of Health Sciences	Health Care	BA/BSc/BProf	Prepare the student for specialized professional activities all of the tasks that are part of inpatient care as well as general health education design, of which the clinical part is the determining factor knowledge of diagnostic and therapeutic procedures, and certain ability to apply in detail. Students should be familiar with the basic concepts, research findings, and perspectives of nursing. Get to know the special nursing processes of the individual clinical areas, the machines and devices used there. Be familiar with organizational and documentation tasks related to nursing and care.	3

58.	Faculty of Health Sciences	Nursing and Patient Care (Dietetics)	BA/BSc/BProf	Students should learn about the properties of food ingredients and finished products that can be used in different diets and in normal food preparation, including gaining a basic understanding of the composition of different raw materials and food products. Introducing the processing methods and the most important technological steps of food raw materials. Be able to determine the most appropriate use of food products. Understanding the effect of technological processes on the nutritional biological properties of foods and validating these aspects in product development.. In the course, they learn the answers to the following questions: Do you know what you eat or drink? How much can it be? What are E-numbers? What are fibers? Why does our body need antioxidants?	2, 3, 12
59.	Faculty of Health Sciences	Health Care and Disease Prevention (Health Visitor)	BA/BSc/BProf	The student should learn the methods of epidemiology; the concept of infection and disease; the driving forces of the epidemic process; the public health significance of communicable diseases. The implementation of social administration and social care, child protection and guardianship administration in practice and the corresponding tasks and administration of nurses. Recognition of suspicions of child abuse and neglect. The most common problems of families raising children with disabilities, the way in which nurses help. Nurse communication. In practice, the student is able to adequately apply the legislation concerning families with children, social administration and care, as well as child protection and guardianship administration. Be able to recognize suspicions of child abuse and neglect, know the possibilities of midwifery action, the operation of child protection, the work of the child welfare service. You can professionally support families raising a child with a disability. Familiarize yourself with the child protection, social, and care systems for disabled children and how they work to help and manage families in need.	3, 10, 16
60.	Faculty of Health Sciences	Health Care Management	MA/MSc	The aim of the course is to present the economic aspects of health, to get acquainted with the main methods of health economics analysis.	1, 3, 8
61.	Faculty of Health Sciences	Health Care Management	BA/BSc/BProf	Prepare the student to meet patients with eating disorders. Develop an empathetic, attentive and accepting attitude towards patients in the student.	3
62.	Faculty of Health Sciences	Nursing and Patient Care (Physiotherapy)	BA/BSc/BProf	Enable the student to measure and evaluate physiotherapy activities in a scientific way, to adapt domestic guidelines and protocols based on international guidelines.	3

63.	Faculty of Health Sciences	Clinical Laboratory Sciences	MA/MSc	The aim of the course is to acquaint students with the main ethical and philosophical issues, the legal bases, the connections between all these, emphasizing their health and research laboratory aspects.	3,16
64.	Faculty of Health Sciences	Nursing and Patient Care (Ambulance Officer)	BA/BSc/BProf	The student should get acquainted with the most important concepts and systems of law, the state system of Hungary, as well as the rights and obligations of citizens, especially those that determine the patient's situation during the use and operation of health services. Students should know in detail the rights of patients, in particular the requirement for informed consent and the possibilities for enforcing patients' rights. Students will learn about the rights and responsibilities of those who provide care, the responsibilities of the health care worker, and the organizational structure and governance structure of health care.	3, 16
65.	Faculty of Health Sciences	Public Health	MA/MSc	During the course, students will learn the basics and characteristics of public health communication, appropriate adaptive tools and concepts to adapt to changing social systems, and will be able to use new methods effectively. They also learn about effective health communication used in health promotion, tools used to improve the health of the individual and the community, and interpersonal communication and effective communication strategies.	3, 16
66.	Faculty of Health Sciences	Health Care and Disease Prevention (Public health inspector)	BA/BSc/BProf	The aim of the course is for the student to get acquainted with the socio-economic aspects of health care, the financing system, the institutional system / operation of health care, the problems of care planning, and to have sufficient knowledge of all these issues in an international context. Within this framework, the following topics will be discussed: The place and role of health care in the system of the national economy; Causes of cost explosion in healthcare; Health care financing; Macroeconomic and institutional planning and forecasting of health care; Management of the health care institution; Health care costs; Efficiency; Privatization in healthcare; New forms of care in healthcare.	3, 8, 16, 17
67.	Faculty of Health Sciences	Medical Diagnostic Analyst	ISCED 5A	To acquaint students with the tasks required for interventions that occur during diagnostic work, and the principles of care.	3
68.	Faculty of Health Sciences	Medical Diagnostic Analyst	BA/BSc/BProf	The aim of the course is to acquaint students with the situation of emergency care in practice, the basic patient examination and methods of patient care, the rules of first aid.	3

69.	Faculty of Health Sciences	Medical Laboratorial Diagnostic Imaging Analysis	BA/BSc/BProf	To acquaint the student with the basic concepts of epidemiology, the driving forces of the epidemic process, the activity of preventing and combating infectious diseases. Students should gain adequate knowledge of the interaction between man and his natural as well as artificial environment. On the public health implications of air, water, soil, work processes, and the public health implications of nutrition and nutrition. Learn about the public health implications of maternal and infant care, child and youth health.	3, 10, 13
70.	Faculty of Health Sciences	Recreation Management and Health Promotion	BA/BSc/BProf	The aim of the course is to acquaint students with the physiological effects of physical exertion, the main elements of cardiorespiratory adaptation, the relationships of conditioning skills, the possibilities of developing strength, speed, endurance and flexibility, in order to understand movement-related activities and interventions to run smoothly. Learn about the health-promoting effects of regular physical activity and sporty living, and apply them to activities aimed at preventing and rehabilitating major cardiovascular, locomotor, and neurological diseases. Gain practical skills in assessing the effects of physical activity, sports-like training, learn about the ergometric procedures and performance parameters that are most commonly used when testing patients and the healthy. Acquire practical knowledge of regular physical activity, be proficient in recognizing emergencies and providing first aid for injuries.	3
71.	Faculty of Health Sciences	Sports and Recreation Management	BA/BSc/BProf	He is able to interpret the process of individual health behavior change and gain proficiency in process design. Get to know the possible arenas of health promotion: the opportunities of public education institutions, higher education, settlements and the civil sphere.	3, 16, 17
72.	Faculty of Health Sciences	Sports Dietetics	Specialist training	The aim of teaching the subject is primarily to acquire knowledge related to sports and nutrition that will enable the student to take a system-level problem approach to nutrition therapy. The discussion of nutritionally important issues through the foundations of molecular biology of nutrition, which, thanks to scientific progress, have only become known in recent years and decades.	3, 12

73.	Faculty of Health Sciences	Sports Management	MA/MSc	The course aims to provide an insight into the topic of health sports. The triangle of health and sports prevention is this area, accordingly we want to present the main goals and frameworks of health sport, the diversified impact of sport on different dimensions of health, as well as the specifics of age groups based on possible target groups. In addition, we focus on discussing the peculiarities of training theory, presenting possible arenas and coordination opportunities for health sports programs, and providing a kind of picture of the sporting habits of the population and informing students about the demographic, social and economic conditions that affect it.	3, 11
74.	Faculty of Health Sciences	Nursing and Patient Care (Midwife)	BA/BSc/BProf	During the course, students will learn the basics and characteristics of public health communication, appropriate adaptive tools and concepts to adapt to changing social systems, and will be able to use new methods effectively. They also learn about effective health communication used in health promotion, tools used to improve the health of the individual and the community, and interpersonal communication and effective communication strategies. Each year, the WHO and the European Union identify public health priorities based on an evidence-based approach to health promotion. Another goal is to get to know the programs in detail, to present their results and shortcomings.	3, 17
75.	Faculty of Health Sciences	Teacher	MA/MSc	During the teaching of the subject, first-year health teacher MSc students must master the most important basic elements of first aid and the methods of their practical implementation. In this educational task, the rapid and safe application of the test procedures used during circulatory and respiratory arrest, followed by the implementation of the basic life-saving activity, ie resuscitation, is of primary importance. to provide knowledge in the field of first aid in the framework of organized courses.	3, 4
76.	Faculty of Health Sciences	Nutritional Sciences	MA/MSc	Introducing students to basic nutrition concepts that are essential for learning the requirements of a healthy diet, understanding the consequences of poor nutrition. The course is also designed to help students understand the links between malnutrition and the development of certain diseases. By analyzing the Hungarian eating habits, to identify the risk factors, the change of which can play an important role in improving the health status of the Hungarian population.	3, 12

77.	Faculty of Health Sciences	Health Care and Disease Prevention	BA/BSc/BProf	The implementation of social administration and social care, child protection and guardianship administration in practice and the corresponding tasks and administration of nurses. Recognition of suspicions of child abuse and neglect. The most common problems of families raising a child with a disability, the way in which nurses help. Nurse communication. Legal background to rescue and first aid. Communication, legal and ethical aspects in first aid. Psychological aspects of life saving. The basics of newborn and infant nutrition and the display of breastfeeding as a natural norm. Transfer of knowledge about the most common problems that occur during breastfeeding, whether from the maternal or child side.	3, 5, 10, 16
78.	Faculty of Health Sciences	Nursing and Patient Care (Occupational Therapist)	BA/BSc/BProf	The aim of the programme is to enable students to assist in the performance of physical and mental activities, to develop impaired abilities, to increase quality of life and autonomy, to continue social routines, and to provide psychosocial support and information to the individual and to the caregiver and family. Ability to identify the behavioural components of health, functional ability, impairment, and disability, and their relationship to the person and society. Ability to assess, examine and appropriately document loss of activity and function resulting from impairment, disability, or handicap using ergotherapy tools and methods.	3, 8, 16
79.	Faculty of Health Sciences	Advanced Practice Nurse	MA/MSc	The aim of the programme is to enable students to contribute to the management of the issues arising from demographic changes, the difficulties caused by chronic diseases, technological advances, the challenges related to waiting lists, the shortage of doctors in certain areas and the lack of resources in the health sector.	3
80.	Faculty of Health Sciences	Complex Rehabilitation	MA/MSc	The aim of the programme is to educate rehabilitation professionals who are able to plan and implement specific rehabilitation activities in all aspects of complex rehabilitation (health, social, educational and occupational rehabilitation), both as members of a multidisciplinary team and independently, using adequate care protocols, aimed at the early integration or reintegration of individuals and, in some cases, targeted communities into society, and to measure, evaluate, communicate and improve the effectiveness of rehabilitation activities. Ability to organise a process of evidence-based, cost-effective functional recovery, shortening the duration of rehabilitation as far as possible while respecting patient preferences.	3, 8

81.	Faculty of Health Sciences	Radiography	MA/MSc	The aim of the programme is to enable students to advocate health-conscious behaviour in both professional and non-professional settings, and to carry out health education activities for this purpose. They are familiar with the organisational structure, planning, development and cooperation of health and social services.	3
82.	Faculty of Health Sciences	Health Visitor	MA/MSc	The aim of the programme is to familiarise students with the tasks and guidelines for health promotion and patient education in relation to individuals and groups, ethical issues in health care and the tasks involved. They should be able to develop and coordinate the delivery of health promotion programmes and be able to deal appropriately with ethical issues arising in the provision of care. Ability to communicate effectively and support parents and family members in crisis at a high level, to manage communication difficulties and to communicate effectively with people with various difficulties and disabilities.	3,5
83.	Faculty of Health Sciences	Human Kinesiology	MA/MSc	The aim of the programme is to familiarise students with methods of health prevention and promotion for older people. Students will be able to carry out movement therapy activities, to design and implement related nutritional programmes, to participate in the work of wellness and health promotion clubs and institutions in the field of health risk management and to design relevant programmes adapted to the scope of activities, to continuously develop, implement and improve movement and complementary (nutritional, psychological) programmes. Ability to identify risk factors that threaten health and physical integrity at any age, to objectively measure their determinants and influencing factors, to identify their interrelationships and to prevent, reduce and eliminate them in specific areas (prevention, return to sport, return to compete) using a holistic approach.	3
84.	Faculty of Health Sciences	Sports Coaching	MA/MSc	The aim of the programme is to enable students to plan a healthy lifestyle, promote health, develop a mental health culture and implement health promotion, rehabilitation and lifestyle programmes in practice, and to outline and apply adequate procedures. They design, describe and practice preventive and rehabilitation activities taking into account the health status of athletes. They have an approach that encourages a healthy lifestyle, the development of physical fitness and a responsible attitude that pays attention to the harmonious balance between man and his environment.	3

85.	Faculty of Health Sciences	Health Care Administrator	ISCED 5A	The aim of the programme is for students to be able to work as a member of a health care team, practising their job professionally. They are able to perform ethical, legal, health and safety duties.	3, 16
86.	Faculty of Health Sciences	Physiotherapy MSc. programme	MA/MSc	The student is able to promote national, regional, local, community and international health education and health promotion programmes. The student is able to identify specific offending/unlawful situations and formulate the right solutions. The student is able to use health-promoting communication at a high level. The student is able to develop preventive education projects, health education, awareness-raising, development education programmes and professional training.	3
87.	Faculty of Health Sciences	Dietitian specialized in Gastroenterology	Specialist training	The aim of the training is to train gastroenterology dietitians with up-to-date theoretical, professional and practical skills, who are able to formulate the best and most effective nutritional recommendations for patients suffering from diseases affecting the gastrointestinal system, based on the latest developments in nutritional science. A gastroenterology dietitian is able to plan and prepare an individualised diet, taking into account the individual's health status. In addition, he/she is able to plan and implement nutritional prevention strategies and to develop diets adapted to therapy. His/her theoretical, practical, and methodological knowledge enables him/her to formulate appropriate dietary recommendations for gastroenterological patients, including those with complications and co-morbidities, in accordance with the latest scientific guidelines and recommendations. He/she is able to design, manage, evaluate, and present nutrition research and teach nutrition to patients and their families, using practical experience.	3

88.	Faculty of Health Sciences	Dietitian specialized in Diabetology	Specialist training	The aim of the training is to train diabetes dietitians with up-to-date theoretical, professional and practical skills, who are able to formulate the best, most effective and up-to-date nutritional recommendations for patients with diabetes one and two, based on the latest nutritional science. A dietitian specialising in diabetes is able to plan and prepare an individualised diet, taking into account the individual's health status. In addition, he/she is able to plan and implement dietary prevention strategies and design diets adapted to therapy. His/Her theoretical, practical, and methodological knowledge enables her to formulate appropriate dietary recommendations for diabetic patients, including those with complications and co-morbidities. All this in the light of the latest scientific guidelines and recommendations. The dietitian is able, thanks to his or her theoretical and practical knowledge, to be involved in nutritional research, to support and complement the work of the diabetes team. He/she is able to provide nutritional services to individuals, teams, groups; screening, measuring, tracking, and monitoring of people with diabetes.	3
89.	Faculty of Health Sciences	women's health and the pelvic floor muscles for physiotherapist	Specialist training	The aim of the training is to train women's health and pelvic floor muscle training specialists with up-to-date theoretical, professional, and practical knowledge, who are able to make the best and most effective recommendations for the population concerned, based on the latest developments in physiotherapy and modern movement and physiotherapy. A women's health and pelvic floor muscle trainer is a specialist physiotherapist able to plan and deliver individualised physiotherapy based on the individual's health condition. They are also able to plan and implement preventive movement therapy strategies and design physiotherapy adapted to the therapy. His/her theoretical, practical, and methodological knowledge enables him/her to formulate appropriate physiotherapy recommendations, even for patients with complications and co-morbidities, taking into account the latest scientific guidelines and recommendations. The specialist physiotherapist in women's health and pelvic floor muscle training is able to contribute to research in this field, to support and complement the work of the team working on women's health and pelvic floor dysfunction, thanks to his/her theoretical and practical knowledge base.	3

90.	Faculty of Pharmacy	Pharmacy	Unified, undivided training	During the course, the process of the design of modified drug delivery systems is acquired by the students based on the theory and practice of biopharmaceutical including examinations of dosage forms. The course consists of theoretical lectures and seminars. Lectures will explain how first medicines were made, how the first pharmaceutical technological equipments were created and how the mass production of drugs became more and more important.	3, 5, 9, 10
91.	Faculty of Pharmacy	Biotechnology	BA/BSc/BProf	The subject provides a detailed foundation for all areas of biotechnology using subjects in natural sciences including chemistry, biophysics, biology, immunology, genetics, mathematics, and bioinformatics. The program introduces students to concepts biotechnology might play in social, economic, and environmental factors.	3, 9
92.	Faculty of Cultural Sciences, Education and Regional Development	Postgraduate Degree of Wine and Wine Gastronomy	Specialist training	Food knowledge, beverage knowledge, tourism and hospitality Basics of viticulture and oenology	3, 11, 12
93.	Faculty of Cultural Sciences, Education and Regional Development	Infant and Early Childhood Education	BA/BSc/BProf	The student should acquire basic legal knowledge in the field of family and child protection. Get to know the current legal framework, forms of regulation that you will encounter during your work. The basic legal institutions of family and child protection are: family-related issues related to marriage and cohabitation, the child's family status, the child and family protection care system and the network of institutions. By completing the course, students will learn the tasks involved in caring for children. They learn ways to care for and rehabilitate a sick child at home, preparing parents to perform nursing tasks.	3, 5, 10, 16
94.	Faculty of Cultural Sciences, Education and Regional Development	Special Needs Education	BA/BSc/BProf	The course provides a comprehensive knowledge of the field of healthy living and health promotion, its theoretical and practical, development-related framework and content elements.	3, 4

95.	Faculty of Cultural Sciences, Education and Regional Development	Environmental Culture	BA/BSc/BProf	The course is focusing on visual culture, fine arts, architecture, architecture, interior design and environmental design and provides an intensive visual and artistic training for students.	9, 11
96.	Faculty of Cultural Sciences, Education and Regional Development	Pre-School Teaching (English)	BA/BSc/BProf	Gain experience in evaluating children's work and behavior. Gaining experience with the specifics of pedagogical work through observations. Observation of the planning and implementation of singing and music skills development on the basis of methodological knowledge. Observation of the professional cooperation applied during the educational process. It is advisable to make aesthetic accessories to color childrens toys. Gaining experience in resolving educational situations and conflicts that arise during independent activities.	4, 10
97.	Faculty of Cultural Sciences, Education and Regional Development	Primary School Teaching (German)	BA/BSc/BProf	The aim of the course is to train teachers with professional competencies who have up-to-date knowledge of subject theory and professional methodology issues in the field of writing and language teaching. Transmission of relevant theoretical background knowledge and modern, student-centered methodological knowledge, development of skills, which form the basis of the teaching-learning process. Getting to know the approach, trends, pedagogical-psychological process, procedures and types of tasks of teaching writing, grammar and spelling. The process of knowledge transfer and recording, its different versions and methods. Developing the competencies needed for skills development, monitoring and assessment.	4
98.	Faculty of Cultural Sciences, Education and Regional Development	Pre-School Teaching	BA/BSc/BProf	Gain experience in evaluating children's work and behavior. Gaining experience with the specifics of pedagogical work through observations. Observation of the planning and implementation of singing and music skills development on the basis of methodological knowledge. Observation of the professional cooperation applied during the educational process. It is advisable to make aesthetic accessories to color childrens toys. Gaining experience in resolving educational situations and conflicts that arise during independent activities.	4, 10

99.	Faculty of Cultural Sciences, Education and Regional Development	Vocational instructor	BA/BSc/BProf	Introduction to the most basic financial concepts and processes, the history and function of money. Within the framework of the course, the tasks and actors of the financial intermediation system, the underlying reasons of investment decisions are presented, and we interpret the role of central banks in the financial system.	8, 16
100.	Faculty of Cultural Sciences, Education and Regional Development	Social Work	BA/BSc/BProf	The subject is one of the subjects of the child protection module among the modules that must be chosen within the framework of the knowledge of social work. It aims to ensure that students gain interdisciplinary knowledge about the phenomenon of child welfare and child protection. Knows and understands the areas of social policy, the defining directions of social policy, distribution mechanisms, and in individual, family, community life situations, and in the management of social and societal problems. Application of law in social work; Individual and community protection.	3, 5, 10, 16
101.	Faculty of Cultural Sciences, Education and Regional Development	Social Pedagogy	BA/BSc/BProf	The aim of the program is to train social educators who are able to deal with the learning, social and mental problems of children and young people in a complex system and help them in cooperation with the persons concerned. They are able to maintain, restore and develop the balance of children and young persons and their environment. Based on their abilities, skills and values, students contribute effectively to the prevention, solution of social problems and the promotion of the social integration of those affected. They are prepared to continue their studies in a master's degree.	3, 5, 10, 16, 17
102.	Faculty of Cultural Sciences, Education and Regional Development	Social Pedagogy	MA/MSc	The aim of the course is to acquaint students with the organizational frameworks that govern and support or even limit the functioning of social institutions, in both the public and civil sectors. The course aims to summarize the effects of personal presuppositions, value systems, beliefs, attitudes, as well as professional protocols and standards on the processes of support work, the processes of the detection and signaling system operated by the family and child welfare service.	3, 5, 10, 16, 17
103.	Faculty of Cultural Sciences, Education and Regional Development	Viticulture and Enology	ISCED 5A	Rural Development and Tourism Development The history and geography of viticulture and wine growing Introduction to wine gastronomy Agribusiness	11, 12, 15

104.	Faculty of Cultural Sciences, Education and Regional Development	Agricultural assistant	ISCED 5A	The aim of higher education vocational training is to train agricultural specialists who are involved in the operation of technological variants of the agricultural production process, product production; They participate in the work of small and medium-sized farms engaged in agricultural production, in the process of product production, processing and marketing, furthermore, they participate in the compilation of financial plans and the preparation of economic decisions.	8, 12
105.	Faculty of Cultural Sciences, Education and Regional Development	Primary School Teaching	BA/BSc/BProf	The aim of the course is to train teachers with professional competencies who have up-to-date knowledge of subject theory and professional methodology issues in the field of writing and language teaching. Transmission of relevant theoretical background knowledge and modern, student-centered methodological knowledge, development of skills, which form the basis of the teaching-learning process. Getting to know the approach, trends, pedagogical-psychological process, procedures and types of tasks of teaching writing, grammar and spelling. The process of knowledge transfer and recording, its different versions and methods. Developing the competencies needed for skills development, monitoring and assessment.	4
106.	Faculty of Cultural Sciences, Education and Regional Development	Nature Pedagogy	Specialist training	Natural History - Novelties in Botany and Zoology Strategies, Regulation and Administration in Nature Conservation	4, 15
107.	Faculty of Cultural Sciences, Education and Regional Development	Agribusiness and Rural Development Engineer	BA/BSc/BProf	The aim of the course is to train rural development agricultural engineers who are able to perform organizational, management, administrative and logistical and production tasks related to production, services, consultancy, writing and managing tenders. With their acquired knowledge of agricultural science, economics, management, environment and nature conservation, regional and regional issues, as well as the system of administrative tasks and the relationship system of agricultural economy, they are able to perform professional work in accordance with labour market expectations. They have the necessary expertise to interpret rural development according to EU standards, to plan and implement rural development programmes.	8

108.	Faculty of Business and Economics	Simonyi Summer Social Entrepreneurship Program	BSc	The course aims to introduce students to the role and functioning of social enterprises through practical examples. It combines business knowledge with social responsibility through an interdisciplinary approach.	1, 4, 8, 10, 17
109.	Faculty of Business and Economics	Business Ethics and CSR	MSc	The course covers the principles of business ethics and corporate social responsibility. Students will analyse ethical dilemmas and learn about the business and social impacts of CSR strategies.	8, 9, 10, 12, 16
110.	Faculty of Business and Economics	Sustainable HRM	MSc	The subject is sustainable human resource management. It addresses issues of employee well-being, diversity, inclusion and long-term retention.	3, 5, 8, 10
111.	Faculty of Business and Economics	Fundamentals in Circular Economy	MSc	Introduction to the principles of the circular economy, including waste reduction, resource efficiency and reuse models. The course aims to develop an understanding of sustainable business practices.	7, 9, 11, 12, 13
112.	Faculty of Business and Economics	ESG in Corporate Practice	MSc	The course will provide an overview of the application of ESG (Environmental, Social, Governance) in business. It analyses sustainability indicators, reporting standards and communication with stakeholders.	4, 5, 7, 8, 9, 10, 11, 12, 13, 16, 17
113.	Faculty of Business and Economics	Nonbusiness Marketing	BSc	The course focuses on marketing strategies for non-profit and public sector organizations. Students learn how to create value and communicate effectively in social, environmental, and cultural contexts.	3, 4, 11, 12, 16, 17
114.	Faculty of Business and Economics	Health and safety at work	BSc	This course addresses occupational health and safety standards and practices. It aims to raise awareness of workplace hazards and promote a culture of prevention and employee well-being.	3, 8
115.	Faculty of Business and Economics	Equal treatment in the organisation	BSc	The course explores issues of equality, diversity, and inclusion in organizational settings. It emphasizes legal frameworks and best practices to ensure fair treatment and opportunity for all employees.	5, 8, 10, 16
116.	Faculty of Business and Economics	Environmental Economics	BSc	This course examines the economic aspects of environmental issues and policies. Topics include market failures, pollution control, and sustainable resource use.	6, 7, 11, 12, 13, 14, 15
117.	Faculty of Business and Economics	Natural Resource Economics and CSR	BSc	Students explore the management of natural resources from an economic and corporate responsibility perspective. The course covers sustainability, externalities, and conservation policy.	6, 7, 12, 13, 15
118.	Faculty of Business and Economics	Sustainability in the 21st century	BSc	This course provides a broad overview of sustainability challenges and solutions in the modern world. It integrates environmental, economic, and social dimensions, aligning with all 17 UN SDGs.	1,2,3,4,5,6,7,8,9, 10,11,12,13,14,15,16,17

119.	Faculty of Business and Economics	Ecotourism	BSc	The course explores sustainable tourism practices that minimize environmental impact and support local communities. It focuses on responsible travel, conservation, and education.	8, 11, 12, 13, 14, 15
120.	Faculty of Business and Economics	FinTech: digital transformation in finance	BSc, Specialist training	This course investigates the role of digital technologies in transforming financial services. Topics include blockchain, digital banking, and inclusive financial systems.	8, 9, 10, 17
121.	Faculty of Business and Economics	Sustainable Finance	BSc	The course covers financial decision-making with a focus on sustainability. It includes ESG investing, impact finance, and green financial instruments.	8, 9, 12, 13
122.	Faculty of Business and Economics	Accessible tourism	BSc	This course emphasizes the importance of inclusive tourism for people with disabilities and other special needs. It highlights accessibility standards and best practices.	3, 8, 10, 11
123.	Faculty of Business and Economics	Sustainability and responsibility	MSc	Students examine the intersection of sustainability and corporate responsibility in marketing. The course emphasizes ethical leadership, stakeholder theory, and long-term value creation through real project work.	8, 9, 12, 16, 17
124.	Faculty of Business and Economics	Financial ethics	MSc	This course explores ethical challenges in financial systems and decision-making. Topics include integrity, transparency, and ethical investment practices.	8, 9, 10, 16
125.	Faculty of Business and Economics	ESG in Business Practice II.	Specialist training	Building on the basics of ESG, this course deepens knowledge on ESG data analysis, integration, and strategy implementation in business.	8, 9, 12, 13, 16
126.	Faculty of Business and Economics	ESG in Business Practice I.	Specialist training	An introduction to Environmental, Social, and Governance (ESG) factors and their application in business operations and reporting.	1, 3, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16
127.	Faculty of Business and Economics	Sustainability Modelling in Excel	Specialist training	This practical course teaches Excel-based modeling techniques for sustainability-related problems, including how to collect data, modify and present them in an ESG report.	9, 10, 12, 13
128.	Faculty of Business and Economics	Sustainable Business Simulation	Specialist training	Using simulation tools, students make business decisions with sustainability impacts, gaining hands-on experience in managing trade-offs and long-term goals.	8, 9, 12, 13, 17
129.	Faculty of Business and Economics	Sustainability Data Analysis	Specialist training	The course focuses on data collection, processing, and analysis for sustainability metrics and reporting. It includes hands-on tools for monitoring ESG performance.	9, 12, 13, 17

130.	Faculty of Business and Economics	Stakeholder and Investor Management	Specialist training	Students learn how to effectively manage relationships with key stakeholders and investors, emphasizing transparency and ESG considerations.	8, 12, 16, 17
131.	Faculty of Business and Economics	Sustainable Reporting	Specialist training	This course introduces sustainability reporting frameworks and standards such as ESRS, GRI, CSRD. It highlights the importance of accountability and transparent communication.	9, 12, 16, 17
132.	Faculty of Business and Economics	Sustainability reporting and data analyst specialist	Specialist training	This course introduces sustainability reporting frameworks and standards such as ESRS, GRI, CSRD. It highlights the importance of accountability and transparent communication. Students learn how to effectively manage relationships with key stakeholders and investors, emphasizing transparency and ESG considerations. The course also focuses on data collection, processing, and analysis for sustainability metrics and reporting. It includes hands-on tools for monitoring ESG performance. Using simulation tools, students make business decisions with sustainability impacts, gaining hands-on experience in managing trade-offs and long-term goals. The course introduces the Environmental, Social, and Governance (ESG) factors and their application in business operations and reporting.	1, 3, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 17
133.	Faculty of Engineering and Information Technology	Nuclear Environmental Protection Expert	Specialist training	The general objective of the specialised training is to train engineers and professionals with modern knowledge of radioecology, earth sciences, engineering and environmental management, who are able to identify and assess existing and potential environmental problems and hazards related to the nuclear industry, to prevent and mitigate environmental damage, to initiate and plan projects and developments related to the field and to manage their implementation.	7, 11, 13
134.	Faculty of Engineering and Information Technology	Nuclear Environmental Protection Engineer	Specialist training	The general objective of the specialised training is to train engineers and professionals with modern knowledge of radioecology, earth sciences, engineering and environmental management, who are able to identify and assess existing and potential environmental problems and hazards related to the nuclear industry, to prevent and mitigate environmental damage, to initiate and plan projects and developments related to the field and to manage their implementation.	7, 11, 13

135.	Faculty of Engineering and Information Technology	Biomedical Engineer	MSc	Our aim is to train professionals who obtain interdisciplinary theoretical and practical knowledge complementing their basic knowledge in engineering, IT, medicine, health or natural sciences. Bioedical engineering activities cover a very wide range of fields, whether practical or theoretical - independent research and development, research, development and practical work of teams of health and engineering professionals (including clinical diagnostic and therapeutic work). Biomedical Engineers are able to independently coordinate the work of such teams after obtaining relevant practice.	3, 9,10
136.	Faculty of Engineering and Information Technology	Specialized Engineer in the Field of BIM	Specialist training	The aim of the specialised training is to train engineers who have the necessary knowledge to effectively apply BIM tools in the different project phases of construction projects and are able to apply their knowledge in a real market environment. In addition to the theoretical foundations of BIM, the participants will learn about the BIM-based cooperation between the stakeholders involved in a design-build project, the solutions specific to the main application areas, the principles of BIM-based quality management, the contractual framework of tasks and the regulations in force. The training material has been developed with a focus on the real needs of the construction industry and on the experience of market players, ensuring that BIM engineers have a truly useful knowledge base through the training of up-to-date skills. It is essential that graduating engineers are able to understand the potential uses of BIM in context and are able to define them either as a logical requirement or to put them into practice in their design/construction work.	9
137.	Faculty of Engineering and Information Technology	Applied Mechatronics Engineer	Specialist training	The general objective of the specialised training is to train engineers and specialists in the field of mechatronics, who are able to perform tasks related to mechatronic systems, processes, diagnostics, design, management and consultancy. The knowledge, skills and technical approach developed in this training will enable the professionals to integrate and apply the knowledge of mechanics, electronics, electrical engineering, informatics and computer control in a synergetic and complex way.	9, 11

138.	Faculty of Engineering and Information Technology	Applied Mechatronics Expert	Specialist training	The general objective of the specialised training is to train engineers and specialists in the field of mechatronics, who are able to perform tasks related to mechatronic systems, processes, diagnostics, design, management and consultancy. The knowledge, skills and technical approach developed in this training will enable the professionals to integrate and apply the knowledge of mechanics, electronics, electrical engineering, informatics and computer control in a synergetic and complex way.	9, 11
139.	Faculty of Engineering and Information Technology	Quality management system manager	Specialist training	The aim of the training is to provide the economy with quality professionals with theoretically sound knowledge and appropriate professional experience.	8
140.	Faculty of Engineering and Information Technology	Visual mediator, school designer	Specialist training	The aim of the training is to introduce students to the latest innovations in the use of digital and visual tools and methods. To provide an up-to-date knowledge of the changing trends in contemporary visual and applied arts, and to provide skills in creative methods that can be effectively applied to visuality.	4
141.	Faculty of Engineering and Information Technology	Engineer of Urban Technologies	Specialist training	The general aim of the specialised further training is to train engineers in the technical fields of urban management who have the appropriate technical knowledge and skills for the uniform operation of the technical subsystems of settlements, for the performance of the technical tasks of local governments and for the preparation of decisions related to these tasks. The training provides theoretical and practical knowledge for the rational operation, maintenance and development of the technical infrastructure systems of settlements.	9, 11
142.	Faculty of Engineering and Information Technology	Interior and Spatial Design	MA/MSc	Among the modern architectural presentation methods, AR - VR technology and 3D printing are presented. During the lectures, special emphasis will be placed on the introduction of knowledge of construction law and construction authority procedures, as well as the presentation of IT applications used in construction.	9, 11, 16

143.	Faculty of Engineering and Information Technology	Architect	Unified, undivided training	The aim of the course is to give students an overview of the nonconventional load bearing structures used in building construction, to describe the forces in particular structures and to examine how these structures are used through the analysis of load bearing structures of existing buildings. Students analyse and learn about the relationship between material, structure, function and form. After a brief overview of historical structures, first of all structures cable structures, tents and membrane structures, then shell structures are discussed.	9, 11
144.	Faculty of Engineering and Information Technology	Architect	MA/MSc	The aim of the course is to give students an overview of the nonconventional load bearing structures used in building construction, to describe the forces in particular structures and to examine how these structures are used through the analysis of load bearing structures of existing buildings. Students analyse and learn about the relationship between material, structure, function and form. After a brief overview of historical structures, first of all structures cable structures, tents and membrane structures, then shell structures are discussed.	9, 11
145.	Faculty of Engineering and Information Technology	Architecture	BA/BSc/BProf	The course will focus on: - Developing the ability to think intuitively and creatively - Examine and exploring meaning and rules of public building architecture - Bring questions and examine aspects of planning, human resources, and legal concerns, all in direct relation to the specifics of design. - Clear architectural communication at the presence of Professor's Group - Carrying out within a specified time.	8, 9, 11, 16
146.	Faculty of Engineering and Information Technology	Architecture	Unified, undivided training	Course is studio work and is carried out as an individual design project. The course focuses on the design procedure of a new residential building, students have to define the client, establish the program, propose and develop the design, schedule the work.	9, 11
147.	Faculty of Engineering and Information Technology	Civil Engineering	BA/BSc/BProf	The aim of the course is to provide basic knowledge for diagnostic testing and condition assessment of existing engineering structures.	9, 11

148.	Faculty of Engineering and Information Technology	Architectural Art	BA/BSc/BProf	The aim of the course is to provide students with an insight into the basic design theory and composition issues of urban architecture and spatial planning. A key goal is for students to be able to interpret the larger context of urban fabric and then apply it consistently in individual design processes.	9, 11
149.	Faculty of Engineering and Information Technology	Architectural Art	MA/MSc	Within the framework of the course, students get acquainted with the general issues related to the design of the living environment and the design of residential buildings. The course acquaints students with the requirements of living space design, building methods and the types of residential buildings used for different building methods and the requirements for them.	3, 9, 11
150.	Faculty of Engineering and Information Technology	Mechanical Engineering	BA/BSc/BProf	Transfer of design, construction, operation knowledge on the following topics: design methods of in-building water-sewer networks, types and locations of water equipment objects, water / wastewater / rainwater pipeline sizing, water meter types, sizing, placement, backflow protection methods, sewage lifters, drinking water pressure boosting.	6, 9, 11
151.	Faculty of Engineering and Information Technology	Mechanical Engineering	MA/MSc	Transfer of design, construction, operation knowledge on the following topics: design methods of in-building water-sewer networks, types and locations of water equipment objects, water / wastewater / rainwater pipeline sizing, water meter types, sizing, placement, backflow protection methods, sewage lifters, drinking water pressure boosting.	6, 9, 11
152.	Faculty of Engineering and Information Technology	Waste Management Expert	Specialist training	Waste management, Environmental measurement technology	11, 13
153.	Faculty of Engineering and Information Technology	Industrial Design Engineering	BA/BSc/BProf	History, concept and areas of operation of environmental protection. The Hungarian environmental regulation and institutional system. Environmental protection concepts. The process of pollution, its participants. The basic properties of each environmental medium, the problems of their protection. New environmental challenges. Global problems. Suggested solutions. Renewable energy sources.	7, 13

154.	Faculty of Engineering and Information Technology	Environmental Engineering	BA/BSc/BProf	Naturally occurring radioactive anomalies. Radioactivity of the built environment. Classification, treatment, temporary or final disposal of radioactive waste, domestic examples. The subject describes the operations and technical solutions that can be used by the practicing environmental engineer during the cleaning of gases in order to reduce environmental damage. The water quality status of our domestic waters. Water quality protection aspects of the EU Water Framework Directive, domestic water protection legislation. Domestic water protection limit value systems. Diffuse and point contaminants. Water quality target status. Air quality protection terminology. The composition of the air, the structure of the atmosphere. Air pollutants of natural and anthropogenic origin. Global problems. Suggested solutions. Renewable energy sources.	6, 7, 9, 11, 13, 15
155.	Faculty of Engineering and Information Technology	Specialist Engineer in the Field of Building Energetics Engineering	Specialist training	Properties of light, perception of light. Color perception, color temperature. Basic photometric concepts: luminous flux, luminance, illumination, law of distance, luminance. The natural light factor. Side lights and skylights. Improving natural lighting in the back zone of the room. Skylight, light channel. Hungary's geothermal properties, conditions and opportunities in the field of geothermal energy sources. Heat pumps. Monovalent and bivalent systems. Efficiency and effectiveness. Geothermal systems. Energy and complex use of thermal waters. Construction of geothermal district heating systems. Description of the legal framework.	6, 7, 9, 11, 13, 15, 16
156.	Faculty of Engineering and Information Technology	Computer Science Engineer	MA/MSc	Course aims: The course provides the students with the fundamental concepts of programmable logic control including the operating principles of PLC. The course explains the basic programming concepts and skills required to write an appropriate real-time open-loop control program.	9

157.	Faculty of Engineering and Information Technology	Urban Systems Engineering	MA/MSc	The objective of this subject is to offer the basic aspects of the design of the green environment including its architectural points. The purpose is to teach students the basics of garden and landscape environmental design and give them the means to create a new approach in design, including the specialized knowledge and that relates to architectural work. The elements of landscape and garden design, their inspection and presentation possibilities and design aspects are listed. Students get to know about plant habits, the basic aspects of green environment design, including their architectural aspects.	11, 15
158.	Faculty of Engineering and Information Technology	Electrical Engineering	BA/BSc/BProf	It acquaints students with the way of designing and setting up solutions used in different companies. Outline the practical uses of computer networks and their connections to other disciplines.	9, 11
159.	Faculty of Engineering and Information Technology	Noise and Vibration Control Specialist	Specialist training	Noise protection planning, Environmental noise measurements, seismic acoustics, building services noise reduction	9, 11
160.	Faculty of Engineering and Information Technology	Historic building diagnostics and rehabilitation specialist	Technical vocational training	Students will have adequate knowledge in the fields of historical and heritage protection research, diagnostic tests, preparation and implementation of monument restoration applications and building rehabilitation investments.	9, 11
161.	Faculty of Engineering and Information Technology	Sustainability Engineering for the Built Environment	Specialist training	The programme will offer students a multidisciplinary and robust curriculum on sustainability engineering for the built environment. The individual modules will cover topics including sustainability, sustainable construction technologies, environmental protection, refurbishment of structures, sustainable systems thinking, life-cycle assessment, circular economy, sustainable urban spaces, adaptable architecture, building energy performance and modelling, as well as a thesis in the field of sustainability.	9,11,12,13

162.	Faculty of Music and Visual Arts	Classical Music Singer	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
163.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Bassoon)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
164.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Flute)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16

165.	Faculty of Music and Visual Arts	Classical Musical Instrumental Performance (Guitar)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
166.	Faculty of Music and Visual Arts	Classical Musical Instrumental Performance (Gordon)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
167.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Cello)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16

168.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Trombone)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
169.	Faculty of Music and Visual Arts	Classical Musical Instrumental Performance (Violin)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
170.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Clarinet)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16

171.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Horn)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
172.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Viola)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
173.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Oboe)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16

174.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Organ)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
175.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Trumpet)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
176.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Tube)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16

177.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Percussion)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
178.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Piano)	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
179.	Faculty of Music and Visual Arts	choir conducting	BA/BSc/BProf	A képzés célja zenei előadóművészek képzése, akik képesek a szakképzettségük szerinti, magas szintű előadó-művészeti tevékenység - elsősorban irányítás mellett, illetve csoportos teljesítmény keretében megvalósuló - végzésére a magyar és nemzetközi zenei és a kulturális életben. Kiművelt zenei ízlésük, magas szintű zenei és technikai, elméleti és gyakorlati ismereteik, előadói készségeik alapján képesek különböző zenei együttesekben művészi szolgálat teljesítésére, valamint zenei vagy kulturális intézmények működésében szakmai kompetenciájuknak megfelelő, aktív, közreműködői vagy egyszerűbb irányítói feladatok ellátására.	3,4,5,10,16
180.	Faculty of Music and Visual Arts	classical singer	MA/MSc	A képzés célja operaénekes szólóművészként, valamint oratórium- és dalénekes művészként a magyar és az egyetemes zenei kultúrát szolgálni és terjeszteni tudó művészek képzése, akik alkalmasak megszerzett elméleti és gyakorlati ismereteik birtokában azok egyéni jellegű alkalmazására, a zenei értékeknek a szakmán belüli és azon kívüli képviselésére, fejlesztésére, tudatosítására és védelmére.	3,4,5,10,16

181.	Faculty of Music and Visual Arts	MA in Classical Singing - Opera	MA/MSc	A képzés célja operaénekes szólóművészként, valamint oratórium- és dalénekes művészként a magyar és az egyetemes zenei kultúrát szolgálni és terjeszteni tudó művészek képzése, akik alkalmasak megszerzett elméleti és gyakorlati ismereteik birtokában azok egyéni jellegű alkalmazására, a zenei értékeknek a szakmán belüli és azon kívüli képviseletére, fejlesztésére, tudatosítására és védelmére.	3,4,5,10,16
182.	Faculty of Music and Visual Arts	Oratorio and song singig	MA/MSc	A képzés célja operaénekes szólóművészként, valamint oratórium- és dalénekes művészként a magyar és az egyetemes zenei kultúrát szolgálni és terjeszteni tudó művészek képzése, akik alkalmasak megszerzett elméleti és gyakorlati ismereteik birtokában azok egyéni jellegű alkalmazására, a zenei értékeknek a szakmán belüli és azon kívüli képviseletére, fejlesztésére, tudatosítására és védelmére.	3,4,5,10,16
183.	Faculty of Music and Visual Arts	Classical Instrumental Music Performance (Instrumentalist)	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16
184.	Faculty of Music and Visual Arts	Flute	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16
185.	Faculty of Music and Visual Arts	Guitar	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16
186.	Faculty of Music and Visual Arts	Violin	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16
187.	Faculty of Music and Visual Arts	Viola	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16
188.	Faculty of Music and Visual Arts	Piano	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző szinterein.	3,4,5,10,16

189.	Faculty of Music and Visual Arts	Cello	MA/MSc	A képzés célja hangszerművészek képzése, akik a klasszikus hangszeres előadóművészet terén szerzett zenei, technikai, valamint specializált elméleti ismereteik birtokában képesek professzionális szintű hangszeres zenei előadó-művészeti tevékenység végzésére, a zenei, illetve a művészeti és a kulturális élet különböző színterein.	3,4,5,10,16
190.	Faculty of Music and Visual Arts	Choral Conducting	MA/MSc	A képzés célja kóruskarnagyok képzése, akik szolgálják és terjesztik a magyar és az egyetemes énekkari kultúra értékeit. Tájékozottak az énekkari művészet repertoárjában, ennek gyakorlati alkalmazásában. Képesek az énekkari művészet különböző ágazatainak ismeretében új együttesek létrehozására és különböző típusú énekkarok irányítására. Kiművelt elméleti, vokális és hangszeres képességeiket egyéni módon alkalmazzák az énekkari művészet területén.	3,4,5,10,16
191.	Faculty of Music and Visual Arts	Kodály System Postgraduate Specialist Training Programme	Specialized training	A képzés célja olyan zenepedagógiai szakemberek képzése, akik Kodály zenepedagógiai koncepciójának átfogó és elmélyült ismerete alapján alkalmasak a zeneoktatás eredményeinek megőrzésére és továbbfejlesztésére. Kiművelt elméleti és gyakorlati ismereteiket képesek a zeneoktatás teljes spektrumának, valamint a zenepedagógia elméletének és gyakorlatának szolgálatába állítani. Eredményesen képviselik a magyar zenei nevelés értékeit és sajátosságait nemzetközi összehasonlításban is. Képviselik, tudatosítják és megvédik a Kodály-koncepció értékeit a zenei nevelés intézményes és azon kívüli keretei között.	3,4,5,10,16
192.	Faculty of Music and Visual Arts	Master of Arts in Teacher Education	Unified, undivided training	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3, 4
193.	Faculty of Music and Visual Arts	Violin teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16
194.	Faculty of Music and Visual Arts	Viola teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16
195.	Faculty of Music and Visual Arts	Guitar teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16
196.	Faculty of Music and Visual Arts	Cello teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16

197.	Faculty of Music and Visual Arts	Flute teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16
198.	Faculty of Music and Visual Arts	Piano teacher	MA/MSc	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3,4,5,10,16
199.	Faculty of Music and Visual Arts	singing-music teacher, media, motion picture and communication teacher	Unified, undivided training	Az iskolai gyakorlatok magukban foglalják az adott tanári szakképzettségekhez és az általános tanári szerepekhez kapcsolódó gyakorlati ismeretek elsajátítását, készségek, képességek, attitűdök fejlődését, az autonómia és a felelősségvállalás saját pedagógusszerepen át történő értelmezését és tudatosítását, valamint ezek gyakorlását és alkalmazását. Az iskolai gyakorlatokon a hallgatók megismerik a munkahely világát (az iskolai életet, a pedagógusokkal, a szülőkkel való kommunikációt), a szaktanár tanórai és tanórán kívüli tevékenységeit, a tanulókkal való egyéni foglalkozást, együttműködést, a tanítási, tanulási, nevelési folyamatokkal összefüggő tanári feladatokat, és alaptermészeteket szereznek ezekkel kapcsolatban.	3,4,5,10,16
200.	Faculty of Music and Visual Arts	Design Methods	BA	In the Design Methods course, students are introduced to a number of concepts that are included in the objectives of sustainable development. Students will learn, among other things, about the BoP phenomenon and related design problems. We will also discuss the environmental aspects of design, reviewing the whole life cycle of a product and its characteristics in relation to its own field. We will discuss how designers can use their design work to support the maintenance of biodiversity and to promote the development and maintenance of equitable and beneficial social processes. Design that supports the needs of groups with special needs (e.g. aging design), supporting users to maintain health and lead a dignified life.	1., 3., 5., 6., 8., 12., 13., 14., 15.
201.	Faculty of Music and Visual Arts	Workshop	BA	During the Workshop course, students will acquire practical skills in the area of their specialization. During the practical work, the teachers put great emphasis on teaching the economical use of materials and the recycling of recyclable materials (e.g., clay, textiles, glass).	6., 12., 13., 14., 15.
202.	Faculty of Music and Visual Arts	Design 1-5.	BA	The aim of the Design course is to provide students with a comprehensive knowledge of their specialization (ceramic design, metalwork, glass design, textile- and fashion design). The courses also introduce students to the environmental and social impact of design.	3., 13., 14., 15., 12., 6.

203.	Faculty of Music and Visual Arts	Intermedia artist	unified, undivided training	The intermedia course offers opportunities for artistic development in the field of contemporary trends such as public art, street art, community art, video and media arts, installation, performative and time-based arts, conceptual art and new media. The educational approach is characterized by a unified view of the fields of technology and art, and a close relationship between creation and research. Project-based collaboration plays an important role, where students work together with social and media researchers and visual artists.	4, 5, 11, 12, 13, 15, 16, 17
204.	Faculty of Music and Visual Arts	Sculpture 1-10	unified, undivided training	In Pécs University students study sculpture for five years, ending up with an M.A. in Sculpture. The sculpture course is practical. The course provides a thorough grounding in traditional and contemporary sculpture techniques and theories. The materials used are basic – clay, plaster, wood, wire etc. Work in other materials such as bronze, welded metal, wood and stone can be taken as optional supplementary courses in the first three years, whilst work in these materials may play an integral role in the main subject studies during the last two years of the course.	4,9,11,16
205.	Faculty of Music and Visual Arts	Music teacher	Unified, undivided training	The main goal of the course is teaching music subjects, performing the pedagogical tasks of the school, pedagogical research, planning and development tasks.	4
206.	Faculty of Music and Visual Arts	Object Design	BA/BSc/BProf	The aim of the course is to get to know concrete and other cementitious materials and to apply them in the field of arts and crafts. By applying concrete, students can learn a new unique design language.	9, 11
207.	Faculty of Music and Visual Arts	Master of Arts in Teacher Education	Unified, undivided training	Human and children's knowledge, Developmental psychology, Teaching crafts, Social and music sociology, Music mediation and music pedagogy, Vocational methodology, Communication training	3, 4
208.	Faculty of Music and Visual Arts	Arts therapy master programme	MA/MSc	Graduates should be able to work as art therapists as part of a complex care model where they have the necessary practical skills to be able to work independently in the areas of mental prevention, therapy and rehabilitation as a member of a healing team (under the supervision of a doctor and psychologist). Another important collection area is primary prevention, whereby those skilled in advanced training can turn their skills into a sensitive activity that is psychologically oriented and recognizes and develops individual creativity.	3;4;5;10;11;16;17

209.	Faculty of Sciences	Biology	BA/BSc/BProf	Basic professional knowledge: biochemistry, cell biology, developmental science, plant organization, plant systematics, animal organization, animal systematics. Professional core material: comparative physiology, plant physiology, human biology, genetics, microbiology, molecular biology and biotechnology, ecology and biogeography, evolutionary biology, ethology, nature and environmental protection.	3, 13, 15
210.	Faculty of Sciences	Biology	MA/MSc	Biophysics, biological chemistry, bioinformatics, molecular cell biology, genetics, ecology, neurobiology, immunobiology, plant development and stress physiology, ecophysiology, microbiology, biotechnology, evolutionary biology, zoology, conservation biology, environmental protection.	13, 15
211.	Faculty of Sciences	Physical Training	BA/BSc/BProf	Medical knowledge, social science knowledge, general knowledge knowledge, sports science knowledge, sports basic knowledge, differentiated professional knowledge according to the chosen sport, educational science and psychological knowledge, organization and management science knowledge.	3, 4
212.	Faculty of Sciences	Geography	BA/BSc/BProf	This course provides an insight into the past, present and expected future of the use of domestic natural resources. Historical review helps to understand the present image of many Hungarian landscapes and man's all-encompassing ability to transform landscapes. What are the environmental and social problems that humanity faces today? What indicators does science use to indicate the severity of these problems, can they endanger humanity, cause the human race to become extinct in the future? How do these relate to the overpopulation of the Earth and to each other? How do global problems appear in the geographical space, at the level of different continents and countries, groups of countries? How are global problems in Hungary? What can we do to solve the problems and mitigate the damage?	8, 10, 11, 12, 13, 15
213.	Faculty of Sciences	Earth Sciences	BA/BSc/BProf	General basic knowledge: mathematics, physics, chemistry, informatics. Professional foundation subjects: basic knowledge of earth sciences: geology, meteorology, astronomical geography, geomorphology, GIS, hydrology and hydrogeology Professional subjects: regular mineralogy, geophysics, geochemistry, geophysics, paleontology, technical geology	6, 7, 13, 14, 15
214.	Faculty of Sciences	Business Informatics	BA/BSc/BProf	Basic knowledge of science, economics / social sciences and humanities, System engineering, software engineering and information system module, differentiated professional (decision science) model	8, 9

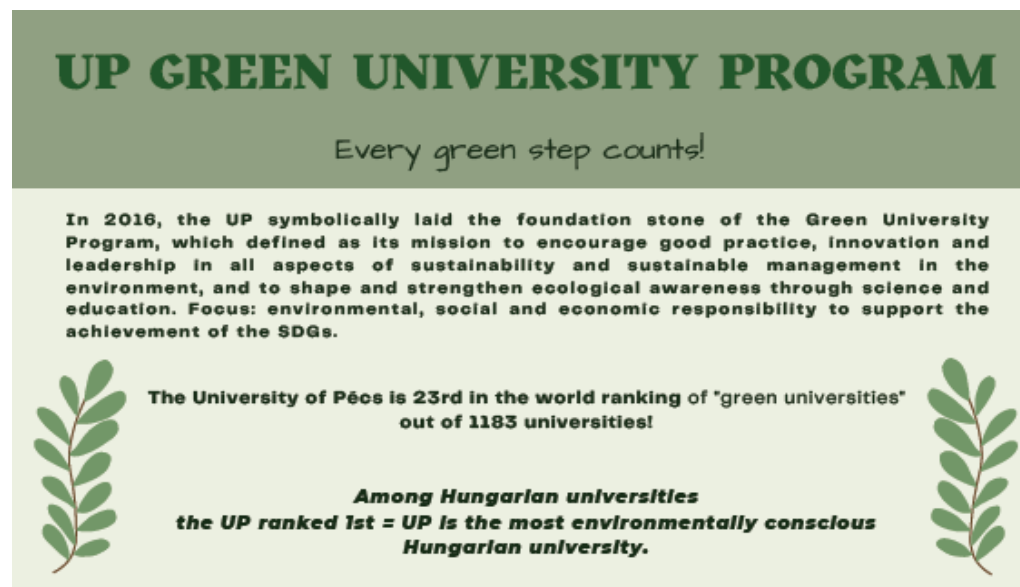
215.	Faculty of Sciences	Business Informatics	MA/MSc	Modern chapters in computer science, operations research, applied statistics and econometrics, business intelligence, ICT tools for enterprise information and knowledge management, marketing management, investment decisions, business database design and programming, operations research modeling, quantitative decision methods, mathematical foundations of artificial intelligence, production and process management, process modeling, dynamic systems	8, 9
216.	Faculty of Sciences	Geography	MA/MSc	GIS modeling, natural geographic modeling, research methodology, regional and settlement development, space, society, sustainability, regional political geography, landscape assessment, GIS basics, geomathematics, environmental geology, regional economics, social geography, global environmental problems, GIS applications	5, 8, 10, 11, 12, 13, 15
217.	Faculty of Sciences	Hydrobiology	MA/MSc	Basic knowledge: biostatistics, research methodology and scientific communication, GIS, ecological water demand, molecular biology, taxonomy, living water ecology, synbiological regulation Professional core material: hydrology, hydrophysics and hydrogeography, aquatic and wetland habitats, life landscapes and life form types, aquatic metabolism and production biology, hydrotoxicology, applied hydrobiology, water management, water quality modeling	6, 11, 14
218.	Faculty of Sciences	Chemistry	BA/BSc/BProf	Science and other basic knowledge: mathematics, physics, informatics, general economics and management, quality and environment, EU knowledge Professional core material: general chemistry, inorganic chemistry, analytical chemistry, instrumental analytics, applied chemistry, organic chemistry, physical chemistry, radiochemistry, colloidics	7, 8, 9, 12

219.	Faculty of Sciences	Viticultural engineer	BA/BSc/BProf	Professional core material: food chemistry, oenological chemistry, oenological analysis, food and oenological microbiology, basic food industry operations, measurement and automation; labor protection, oenological operations, viticulture and oenological machinery; agrometeorology, soil science, agricultural and food economics; management, organizational and marketing knowledge, quality assurance, consulting Differentiated professional knowledge: history of viticulture and viticulture, biological and ecological bases of viticulture, site knowledge, regulation of viticulture, protection of origin; knowledge of viticulture technology, cultivation trends; mechanization of viticulture, grape pests and diseases, plant protection of grapes; grape variety knowledge and use, breeding, biotechnology; grape propagation; oenological technology, quality control, organoleptic evaluation, tasting technology	11, 12, 13, 15
220.	Faculty of Sciences	Chemistry	MA/MSc	The experts working on environmental chemical science are up against the problems creating in the environmental systems in this century. Increasingly difficult to solve these occurent problems. Restriction and removal of emitted pollutants and toxic compounds amounts into the atmosphere, fresh waters, groundwaters, seas, oceans and pedosphere created by lack of knowledge, irresponsibility or convenience are scientific and social questions, as they have unconditional impact on ecological systems, living organisms and our health through the biogeochemical circuits. Acquirement of environmental chemical scientific store of learning by chemists is essential important in the future, hence several environmental problems can only be solved together by the chemists and biologists using combined methods and knowledge.	3, 7, 8, 9, 12, 15

221.	Faculty of Sciences	Geoinformatics	MA/MSc	We encounter digital data in all areas of our lives, about 80-90% of which can be localized in a geographical space. Today, the use of GPS and online digital maps, satellite images, topography models has become part of our everyday life. With the help of these, we plan our travel routes, or precision farmers plan the route of their machines; the location of the new industrial facilities and service units is chosen by the investors; local governments, forestry companies, or national parks determine the intervention areas and methods. The geo-spatial data is managed by IT tools, the so-called Geographical Information Systems (GIS) by municipalities, transport and infrastructure companies, geoscience and agricultural companies, forestry, water directorates, nature and environmental protection organizations, etc. . Our goal is to train professionals who can create, manage, analyze and display digital geospatial databases at a high level, and are also aware of the advantages and disadvantages of different data collection technologies, and are even able to program geospatial systems.	8, 10, 11, 12, 13, 15
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- Mandatory education for all

Every year, admitted students receive guidance on the Sustainability Guidelines of the University of Pécs at the Orientation Day and receive the UP Green Compass document online, which can be found below:





- Optional education for all

The "Introduction to the Sustainable Development Goals" online sustainability course covers 14 weeks of material and takes about 50 hours for students. 1400 students from 14 universities have taken the course.

Subject data

Department/institute: University of Pécs, Faculty of Economics, Institute of Economics and Econometrics

Course coordinator: Dr. Hanga Bilicz

Course title: Introduction to the issue of the UN's 17 Sustainable Development Goals (SDGs)

Subject name in English: Introduction to the issue of the UN's 17 Sustainable Development Goals

Credits: 3 credits

Course requirements: colloquium / practical grade

Course type: lecture (in the case of colloquium) / seminar (in the case of practical grade)

Weekly/semester hours: 2 hours

Course description:

During the semester, students will learn about the 17 Sustainable Development Goals adopted by the United Nations General Assembly for the period up to 2030, which offer a better future for our planet and billions of people worldwide. The goals call on both developing and developed countries to take action to address inequalities and tackle climate change. The goals address not only economic growth and prosperity, but also people's health, education and social needs, while focusing on environmental protection. The instructors of this online course, which is unique in Hungary, are experts from various universities who analyse different aspects of the Sustainable Development Goals. The instructors of this online course, which is unique in Hungary, are experts from various universities who analyse different aspects of the Sustainable Development Goals.

Week	Lecture title	Lecturer	University	Objective
1	The dilemma of sustainable development	Dr. Viktor Glied	University of Pécs	Students will understand the general structure of the course. Students understand the challenges facing our world and the topics related to sustainable development.
2	How long can infinite growth continue within finite limits – the responsibility of corporate leaders	Péter Renfer	Budapest Metropolitan University	Students understand the economic implications of sustainability and the environmental impact of economic activities. Students understand the differences in economic development between countries and the determining factors of economic growth in each country.
3	Money and happiness, inequality	Prof. Dr. Gergely Tóth	Hungarian University of Agricultural and Life Sciences	Students understand the importance of reducing inequalities and the economic background of the tools needed to achieve this. Students will understand the various factors that contribute to the development of some countries while others do not.

4	From farm to table, then to the bin? – The dissonance between a world without hunger and food waste from an environmental, social and economic perspective	Gergely Macher, Dr. habil. Anikó Zseni, Dóra Sipos, Dalma Bódizs	University of Győr	Students will understand the opportunities available in different countries to eradicate extreme poverty; Students will understand food security, agricultural systems and ecology, and examine what can be done to ensure sustainable global and local food supplies.
	Who are the poor, really? Tools for defining, measuring and reducing poverty	Dr. Hanga Bilicz	University of Pécs	
5	Sustainable food systems: Horticultural solutions and challenges for future nutrition	Dr. Tímea Kiss	John von Neumann University	Students will understand the various planetary boundaries and their effects on growth dynamics.
	Planetary boundaries	Prof. Dr. Gergely Tóth	Hungarian University of Agricultural and Life Sciences	
	The only Earth? The finite Earth!	Dr. Ferenc Kiss	University of Nyíregyháza	
6	Cases concerning gender equality	Katalin Ásványi	Corvinus University of Budapest	Students understand aspects of gender equality and fair work
	Creating decent work	Katalin Ásványi	Corvinus University of Budapest	

7	Inequalities and quality in higher education	Dr Gyula Nagy	University of Szeged	Students will gain an overview of the current state of modern higher education and what needs to be achieved in order to ensure sustainable development.
	Sustainability competencies in modern higher education	Dr Attila Buzási	Budapest University of Technology and Economics	
8	Interpreting the concept of culture from the perspective of health and well-being, the cultural determinants of nutrition, and the role of environmental cultural factors in health promotion	Dr. Anikó Gyulai	University of Miskolc	Students will gain an overview of the concepts, challenges and opportunities involved in achieving good health and well-being.
	What do we base our health-related decisions on? Practical challenges in healthcare and doctor-patient cooperation	Dr. Magor Papp	Semmelweis University	
	How can we become experts in our own health? Health sustainability between the ages of 0 and 99	Dr. Magor Papp	Semmelweis University	
	Mental symptoms caused by climate change in the light of international and domestic research	Dr. András Szeberényi	Budapest Metropolitan University	
9	Circular economy in cities, circular city model	Dr. Kornél Németh	Pannon University	Students will understand what a sustainable city and urbanisation mean, and what the possibilities are for urban resilience.
	Safety, comfort, health, or sustainable cities for a welfare society	Tamás Füzi	University of Győr	
10	The importance and role of green spaces and nature-based solutions () in climate change mitigation and adaptation	Dr Ágnes Gulyás	University of Szeged	Students will gain insight into the science of climate change and learn about the negotiations and policies necessary to mitigate and prevent its consequences.
	The role of forest-based economy in climate change mitigation	Dr. András Polgár, Dr. Veronika Elekné Fodor	University of Sopron	
	Water treatment and purification solutions – the water cycle	Dr. Ildikó Galambos	Pannon University	
11	Protection of terrestrial ecosystems, preservation of biodiversity	Dr. Csaba Csuzdi	Eszterházy Károly Catholic University	Students will understand the various threats to the world's ecosystems and biological diversity, as well as the policies and measures aimed at mitigating and preventing these threats.
	Circular economy, related EU regulations, subsidies and policies.	Dr. Péter Merza	University of Pécs	

12	Green logistics	Dr. Ágota Bányainé Dr. Tóth	University of Miskolc	Students understand the symbiosis between businesses and the circular economy.
	Industrial and electronic waste in the circular economy	Dr. Sándor Nagy		
13	The legal approach to the concept of sustainability	Dr. Attila Pánovics	University of Pécs	Students will understand the importance of promoting and implementing effective, accountable and inclusive institutions, as well as legislation and policies related to sustainable development.
	Biomókus: Where can we find hope and how can we become positive "planetary heroes"?	Prof. Dr. Gergely Tóth	Hungarian University of Agricultural and Life Sciences	
14	The role of young people in achieving the green transition	Dr. Zsuzsa Piskóti-Kovács	Eszterházy Károly Catholic University	Students will understand the history of sustainable development goals, the measures necessary to achieve them, and the role of students in achieving sustainable development goals.

"Solutions to climate change" course

"Solutions to climate change" course open to all: UP citizen (students, staff), resident of Baranya.

COURSE TOPICS AND COMPLETION REQUIREMENTS

2023/2024 FALL SEMESTER

Title Solution to Climate Change

Subject code SZB072MN

Weekly hours: ea/gy/lab 2 ea

Department(s)/ type All departments

Prerequisite(s) -

Department(s) PTE-MIK Department of Environmental Engineering

Subject responsible Dr. Ernő Dittrich

Instructors Dr. Ernő Dittrich

COURSE DESCRIPTION

A brief description of the course:

Physical and chemical foundations of the climate change process. The current extent of climate change and its changes so far.

Comparison of natural global cooling and warming cycles and warming caused by anthropogenic emissions. Climate models, climate forecasts. Limits of irreversible changes.

Global goals. Impacts of climate change on the environment and human society. Technical and scientific solutions in the fight against climate change. Social and economic solutions in the fight against climate change. The role of the individual in the fight against climate change. The 6 Programs of Change as a complex solution system...

1. PURPOSE OF EDUCATION

Formulation of objectives and learning outcomes achievable by completing the subject.

Accurate understanding of the problem of climate change. Systematization and presentation of technical, social, economic and individual solution options.

2. COURSE CONTENT

TOPICS

LECTURE Topic 1: Basics of climate change

Topic 2: Nature conservation from a new perspective – Revitalization Program

Topic 3: Transformation of the settlement system – Agglomeration Program

Topic 4: Solution to overpopulation – Population Program

Topic 5: Transformation of personal attitude – Happiness Program

Topic 6: Modification of the economic system – Economy Program

Topic 7: Social transformation – Society Program

8. Green electricity system

9. Green heat production

10. Green transport

11. Green buildings and infrastructure

12. Green agriculture and industry

13. Green water management