

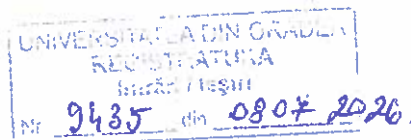


UNIVERSITATEA DIN ORADEA

Facultatea de Inginerie Energetică și Management Industrial

Nr. 626 data 08.07.2026

Pl. aviz CA și aprobare Ska
Prorector MA,



Aurea //

H.S. 40/16.07.2026

Către

Conducerea Universității din Oradea

În atenția domnului Prorector prof. univ. dr. ing. habil. Gabriel BENDEA

Stimate domnule Prorector,

Vă înaintăm planul de învățământ pentru *International program in Sustainability*, program complementar de specializare facultativ, de tip blended learning, oferit în cadrul Alianței EU Green și gestionat de Facultatea de Inginerie Energetică și Management Industrial.

Menționăm că planul de învățământ a fost avizat de către Consiliul facultății.

Cu stimă,

Decan

conf.univ.dr.ing. Cătălina Hora



CURRICULUM

International Program in Sustainability

Valid from academic year 2026-2027

UNIVERSITY OF ORADEA

Faculty of Energy Engineering and Industrial Management (within EU GREEN framework)

Name of the program: International Program in Sustainability

Level of study: Flexible over the 1st Cycle (Undergraduate)

ISCED field(s) of study - Transversal

Degree awarded: Certificate

Number of ECTS: 24

Duration: 1-2 years (Flexible)

Tuition fee: Free of Charge

Learning Type: Blended-Learning

Entry conditions and selection procedures: Any student enrolled in a degree programme in one of the partner EU GREEN Universities

Selection Criteria: Number of academic credits acquired (25%); Average grade of the completed units (25%), CV (Transversal competences) (25%); Statements of personal motivation (25%)

Place(s) where the Study Programme will be taught: Across all EU GREEN Partner Universities (Pilot with Evora, Gävle, Oradea and Parma)

Expected number of students: 30 for the Pilot

Delivery per year: Once per year



P+ DAC - rog auditare internă.
Prorector MA, [Signature]

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SCURTĂ PREZENTARE A PROGRAMULUI DE STUDII FACULTATIV „INTERNATIONAL PROGRAM IN SUSTAINABILITY”

Programul **International Program in Sustainability** este un program complementar de specializare facultativ, de tip blended learning, oferit în cadrul Alianței EU Green și adresat studenților din 4 universități membre: Universidade de Évora (Portugal), Università degli Studi di Parma (Italy), University of Gävle (Sweden) și Universitatea din Oradea (Romania).

Programul debutează în semestrul 1 al anului universitar 2026/2027 ca un proiect pilot și se derulează pe durata a 2 ÷ 4 semestre / 24 de credite ECTS, cuprinzând 4 discipline, astfel:

- **2 discipline obligatorii** (*comune la nivelul Alianței EU GREEN*):

- *An Introduction to Sustainability Studies: Concepts and Principles* (online, în limba engleză, în primul semestru);

- *Shaping Sustainability: Project Work*: Proiect colaborativ, interdisciplinar, axat pe provocările sustenabilității (online/blended, în limba engleză, în echipe mixte, în semestrul al doilea al programului). Această disciplină poate fi echivalată cu un BIP;

- **2 discipline opționale** (*în semestrele al treilea și al patrulea ale programului, dar pot fi parcurse și simultan cu disciplinele obligatorii, în primul și al doilea semestru*), discipline la alegere oferite de Universitatea din Oradea (detalii privind lista disciplinelor opționale se găsesc la pct.6).

Evaluarea se va realiza conform cerințelor fiecărei discipline alese.

Înmatricularea studenților, gestionarea activității acestora și eliberarea certificatului de absolvire se realizează de către Facultatea de Inginerie Energetică și Management Industrial.

Condiții de înscriere: Se pot înscrie studenți înmatriculați la Universitatea din Oradea, începând cu anul II de studii, de la orice program de studii. Numărul maxim de studenți pentru proiectul pilot este de 30 (la nivelul Alianței EU Green), iar numărul minim 6. Selecția candidaților se va realiza pe baza unui sistem de punctaj ponderat, astfel: numărul de credite ECTS acumulate - 25%, media generală a notelor - 25%, competențele transversale evaluate din CV - 25% și scrisoarea de motivare - 25%. La înscriere, dosarul trebuie să includă obligatoriu: situația școlară, curriculum vitae și scrisoarea de motivare.

La finalizarea programului, absolvenții vor primi un certificat de absolvire, iar disciplinele studiate vor fi înscrise în suplimentul la diplomă.



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1. MISSION OF THE STUDY PROGRAM

The International Program in Sustainability complements existing bachelor programs at the EU GREEN partner universities by allowing students to holistically explore sustainability concepts and practices. By incorporating the **International Program in Sustainability** within various fields of study, students can understand how their disciplines intersect with environmental, social, and economic issues in a sustainable approach. This integration is crucial for preparing graduates equipped to address sustainability's complex challenges in their future careers. This interdisciplinary approach, therefore, encourages international collaboration and the exchange of ideas, allowing students to tackle sustainability challenges from multiple perspectives. Students can work on and/or develop innovative solutions that draw on their unique skills and knowledge by working with peers from different countries and educational backgrounds and fostering global citizenship. Engaging with context-based, real-world sustainability challenges within and beyond Europe allows them to apply theoretical knowledge in practical settings, enhancing their critical thinking and problem-solving skills. The holistic, interdisciplinary, and collective approach deepens their understanding of sustainability issues and empowers them to contribute to positive change within their communities and beyond actively.

2. OBJECTIVES OF THE STUDY PROGRAM

- a) To use their disciplinary skills and engage in interdisciplinary collaboration to explore potential solutions for sustainability challenges, such as climate change, biodiversity loss, food security, water management, migrations and integration, democracy, and human rights;
- b) To apply key sustainability competencies such as critical and systems thinking, complex problem solving, active citizenship, supporting and promoting justice and equity in planning, implementation, and integration of sustainability strategies, activities, projects, and policies;
- c) To provide opportunities for internationalization.

3. INTENDED LEARNING OUTCOMES:

After completing the International Program in Sustainability, students will be able to:

- Apply sustainability values (such as integrity, fairness, stewardship) and ethics in assessing sustainability issues and in crafting sustainability visions related to socio-ecological systems;
- Deal with sustainability issues by embracing complex systems and critical thinking at various levels (local to global) and across different domains (environmental, social, and economic);
- Engage and act in collaborative international teamwork;
- Take action to envision sustainable futures.



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4. GENERAL STRUCTURE (for a total of 24 ECTS)

- Unit 1 – 1st semester - October 2026
- Unit 2 – flexible, after Unit 1
- Electives – according to the academic offer of each University

Year/Semester in the study plan	Curricular Unit	Field of study	Total working hours	ECTS	HEI(s) that delivers	Mode of delivery	Language(s) of instruction	Mandatory/ optional
Semester 1	An introduction to sustainability Studies: Concepts and Principles	Transversal	150	6	Joint	Online (Syn & Asyns)	English	Mandatory
Semester 2	Shaping Sustainability: Project work:	Transversal	150	6	Joint	Blended	English	Mandatory
Depends*	Elective 1,2,3...** selected Electives for International Program in Sustainability (from each University)	At least one of the pillars of sustainability	150	3,4 or 6	Depends*	Presential /Online	One of the languages from the Alliance	Optional

*Depends on who is offering and when the course is being offered

** The total number of ECTS credits to be earned through elective courses is 12. Consequently, the number of electives that can be chosen depends on the ECTS value of each course."

5. STRUCTURE – MANDATORY UNITS

Core Mandatory Unit 1

Title: An introduction to Sustainability Studies: Concepts and Principles (6 ECTS -150 hrs)

Delivery: Semester 1 of the First Year

Mandatory interdisciplinary (Transversal) course in sustainable development

Language: English

Presential: online (synchronous and asynchronous)



Intended Learning Outcomes: At the end of the study, students will be able to:

- (a) Understand the key concepts and principles of sustainability from the different dimensions (Environmental, Economic, Social/ Cultural/Political)

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- (b) Critically analyse and review the concept of sustainability from different disciplinary perspectives
- (c) Connect local with global dimensions of different sustainability challenges
- (d) Apply knowledge of the key concepts and principles to support transformational policies and practices

Course content:

Lecture 1: (1h online - Synchronous) Introduction to the course (objectives, methodologies, contents, and assessment tasks within the International Program in Sustainability)

Lecture 2: (2h online – Synchronous) Sustainable Development: An Introduction (history and development of concepts and principles)

Lecture 3: (2h online – Synchronous) Ethical principles and policies of Sustainable Development (local and global)

Lecture 4: (2h online synchronous seminar) The concept of sustainability from different contexts (local, global) and disciplinary perspectives

Lecture 5: (2h online – Synchronous) Sustainability: Challenges and Constraints

Lecture 6: (2h online synchronous seminar) Sustainability in action: case studies and practices

Lecture 7: (2h online – Synchronous) Transformational practices and policies in sustainability

Assessment

Students elaborate a Roadmap based on the learning from all the different lectures. Written and oral presentations are required.

Attendance is mandatory. Students who have more than 20% absence will not be eligible for the assessment.

Examination management: All teachers of Unit 1 are assessors/examiners and should analyse the roadmaps in relation to all the learning outcomes.

Prerequisites: Good English language proficiency

Core Mandatory Unit 2

Title: Shaping Sustainability: Project Work (6 ECTS). Project work consists of collaborative work where students work in interdisciplinary teams to solve sustainability challenges.

Delivery: As from the Second Semester of the First Year

Presential: online (synchronous and asynchronous)



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Intended Learning Outcomes:

After completing this unit, learners will be able to:

- Use knowledge and modes of inquiry from interdisciplinary approaches or literature to address sustainability problems or challenges (social, economic, and environmental);
- Identify relevant aspects and stakeholders (political, social, economic) at a different level (local community, regional, global) to envision more sustainable worlds;
- Reflect on personal awareness and attitudes leading to sustainable actions.

Course content:

Students can freely decide to work on a project related to one of the following:

- *Blended Intensive Program* (as a project work for the International Program in Sustainability);
- Design of *action-oriented mini-project or a case study* – using the lens of sustainability;
- Elaboration of a *review paper* on sustainability issues;
- Other options/formats approved by the local commission of the International Program in sustainability.

Assessment

The assessment of Unit 2 will depend on the type of project work chosen by students. In relation to:

- BIP: an oral presentation (15 min ca) will be required (100%);
- Project and case study and review paper: a written (50%) and an oral presentation (50%) (15 min ca) will be required.



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6. STRUCTURE _ ELECTIVE UNITS offered by the University of Oradea

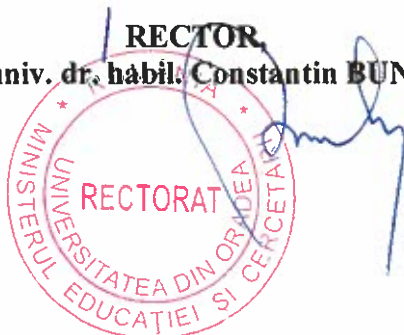
Odd semester:

Name - Curricular Unit	Code CU SIHUE	ECTS	Sustainability 5 pillars (environmental, social, cultural, economic and political)	Language	Modes of Teaching (In- presence /online)
Sustainable development and businesses	FSTE-0854	6	Economic	EN	In-presence (EN)/Online (EN)
Tratarea apei (Water Treatment)	PMED-1548	6	Environmental	RO/EN	In-presence (RO)/Online (EN)
Calitate, sustenabilitate și responsab ilitate socială (Quality, Sustainability and Social Responsibility)	IRI-1476 (RO) / IR-1465 (EN)	6	Social	RO/EN	In-presence (RO, EN)/Online (RO, EN)

Even semester:

Name - Curricular Unit	Code CU SIHUE	ECTS	Sustainability 5 pillars (environmental, social, cultural, economic and political)	Language	Modes of Teaching (In- presence /online)
Business Ethics	FSTE-0638	6	Economic	EN	In-presence (EN)/Online (EN)
Energetică generală și conversia ene rgiei (General Energy Engineering and Energy Conversion)	IEMI-0126	6	Environmental	RO/EN	In-presence (RO)/Online (EN)
Noțiuni de e- administrație și metode de documen tare (Fundamentals of E- Government and Research Methods)	DRPT-0343	6	Social	RO/EN	In-presence (RO)/Online (EN)

RECTOR
prof. univ. dr. habil. Constantin BUNGĂU



DEAN
conf. univ. dr. ing. Cristina HORA





FIȘA DE AUDIT INTERN

pentru programele de studii Licență/Master/Doctorat/
Planuri de învățământ

Denumirea programului/domeniului de studii: International Program in Sustainability

Nivelul (licență / master/doctorat): Licență

Domeniul de studii: transversal

Facultatea/Școala Doctorală: IEM

Tipul evaluării (AP/A/EP): AP

Forma de învățământ: IF/ID/IFR: IF

I. Neconformități constatate:

1. La cerințele normative	
2. La standarde și indicatori de performanță	Planul de învățământ nu respectă forma și structura cf. Procedura privind elaborarea planurilor de învățământ p.28-30 - Lipsesc competențele - Disciplinele nu sunt organizate pe specificul lor - Lipsesc nr de ore defalcate pe C-S-L-P și forma/modalitatea de evaluare propuse(Ex-CV-Vp) Nu sunt specificate finalitățile programului Multe din informațiile care apar ar trebui să se regăsească în fișele de disciplină și nu în PI

II. Evidențieri (dacă este cazul):

I. Indicatori de referință

III: Recomandări: Respectarea cerințelor cf. Procedura elaborare PI

Data 10.07.2026

Neconformitățile au fost remediate

Membrii CMAI
Prof.univ.dr. Karla Barth
Conf.univ.dr. Cristina Florescu

Persoana de contact

Conf.univ.dr. ing. Cristiana Hana

Observații

Semnătura

Semnătura

Comisia de arbitraj (dacă este cazul)
Nume, Prenume

Verdict Final



Semnătura