

Doc. 300.1.2

Date: Date.

Higher Education Institution's Response

- Higher Education Institution: University of Cyprus
- Town: Lefkosia
- Programme of study Name (Duration, ECTS, Cycle)

In Greek:

Διδακτορικό στη Μάθηση στις Φυσικές Επιστήμες και το Περιβάλλον (3-8 χρόνια, 240 ECTS, Διδακτορικό, Δκ)

In English:

PhD in Learning in Natural Sciences and the Environment (3-8 years, 240 ECTS, Doctorate, PhD)

- Language(s) of instruction: Greek
- Programme's status: Currently Operating
- Concentrations (if any):

In Greek: Concentrations
In English: Concentrations

KYΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ REPUBLIC OF CYPRUS The present document has been prepared within the framework of the authority and competencies of the Cyprus Agency of Quality Assurance and Accreditation in Higher Education, according to the provisions of the "Quality Assurance and Accreditation of Higher Education and the Establishment and Operation of an Agency on Related Matters Laws" of 2015 to 2021 [L.136(I)/2015 – L.132(I)/2021].

A. Guidelines on content and structure of the report

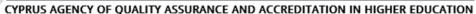
- The Higher Education Institution (HEI) based on the External Evaluation Committee's (EEC's) evaluation report (Doc.300.1.1 or 300.1.1/1 or 300.1.1/2 or 300.1.1/3 or 300.1.1/4) must justify whether actions have been taken in improving the quality of the programme of study in each assessment area. The answers' documentation should be brief and accurate and supported by the relevant documentation. Referral to annexes should be made only when necessary.
- In particular, under each assessment area and by using the 2nd column of each table, the HEI must respond on the following:
 - the areas of improvement and recommendations of the EEC
 - the conclusions and final remarks noted by the EEC
- The institution should respond to the EEC comments, in the designated area next each comment.
 The comments of the EEC should be copied from the EEC report <u>without any interference</u> in the content.
- In case of annexes, those should be attached and sent on separate document(s). Each document should be in *.pdf format and named as annex1, annex2, etc.



1. Study programme and study programme's design and development (ESG 1.1, 1.2, 1.7, 1.8, 1.9)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
There are several major omissions from the Programme documentation and the Panel assumes, content: 1. There was no information in any of the material submitted on issues pertaining to equity, diversity and inclusion (EDI) 2. UN Sustainable Development Goals were missing from the programme documentation. Current and new programmes and courses should clearly and explicitly align with identified specific SDGs. 3. The Panel was not convinced that students were exposed to contemporary international discussions on the content and definitional issues in ESD	regulations/policies on these issues, which are followed by all programs of study. Please see www.ucy.ac.cy/diversity/ The students in the program have many opportunities to engage with the Sustainable Development Goals (SDGs) during their studies. They dedicate many studying hours, especially during the courses 655 and 656 to explore the content and philosophy of the SDGs. Moreover, they have the opportunity to critically analyzing them through discussions of academic works such as Kopnina, H. (2020). Education for the future? Critical evaluation of education for sustainable development goals. The Journal of Environmental Education, 51(4), 280–291, or chapters from the book edited by Van Poeck, K., Östman, L., & Öhman, J. (2019): Sustainable Development Teaching: Ethical and Political Challenges (1st ed.). Routledge. In addition, students examine and discuss various toolkits developed by UNESCO, which propose methodologies, tools, and pedagogies for implementing the SDGs, especially during the courses 656 and 657.	







However, after a thorough review of the program's description and course offerings, we recognize the EEC's valid observation that this important aspect of the program is not adequately reflected in the documentation. We are already taking steps to address this and are making the necessary revisions

3. We respectfully disagree with this comment. The course 655: Foundations of **Environmental** and Sustainability Education is specifically dedicated to the analysis and critical evaluation of the content and definitional issues of **Environmental Education** (EE) and Education for Sustainable Development (ESD). The inclusion of the recent book by E. Lange, Transformative **Sustainability Education** (2023), has proven to be a valuable resource for this purpose. Furthermore, as previously noted, the program incorporates the examination of UNESCO toolkits, which reflect current international methodologies and pedagogical trends for implementing the SDGs. These activities provide students with exposure to contemporary approaches and challenges in aligning education with sustainable development frameworks. Beyond the formal curriculum, students are actively encouraged to engage with ongoing global



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	discussions by participating	
	in international seminars,	
	webinars, and conferences	
	such as ECER. These	
	opportunities further	
	connect students with the	
	evolving landscape of ESD	
	and contemporary debates	
	within the field. While we	
	remain committed to the	
	continuous enhancement of	
	the program, we firmly	
	believe that its current	
	structure already ensures	
	substantial exposure to	
	contemporary international	
	discussions in ESD	
Large number of postgraduate	We strongly believe that the low	
programmes (ca. 60) is at odds with the	number of students is an advantage	
low numbers of students. This may	to them, since they receive more	
appear to be an advantage for the	personalized learning and better	
students, but can lead to	adaptation to their needs. We have	
fragmentation, overlap, lack of	not located any problems	
integration of conceptual material	concerning fragmentation, overlap,	
across the programme and heavy	lack of integration of conceptual	
resource demands (teaching); a resource rebalancing is therefore	material across the program etc.	
recommended.	The mandatory student feedback	
. commended.	received at the end of each of our	
	courses supports our argument.	
The choices of compulsory and optional	1. The emphasis of EDU660 is	
courses may be rigorously reviewed; for	on the development and	
example:	the evaluation of the	
1. EDU 660 is a core elective, which	curricula and not on the	
refers specifically to "science	subject domain. The ESE	
education" but this seems less relevant	students use the	
to the ESE pathway. EDU 641 could	environment and	
easily be a replacement because gender	sustainability as the context	
is a highly significant cross-cutting issue	of their assignments.	
2. EDU 655 which is entitled Fundamentals of Environmental and	2. We are considering moving	
Sustainability Education, and EDU 651	EDU655 in the list of the	
Nature of Science and Science Teaching,	compulsory courses for the	
should surely be compulsory, within the	ESE students.	
relevant pathways	3. We are not planning to	
	make EDU651 a mandatory	
	course. In the Learning in	
	Natural Sciences (LNS)	
	direction, we aimed at	
	allowing as much flexibility	
	as possible to the LNS	







	students when creating their program of studies.
If the intention is to further internationalise, some consideration should be given to developing/ensuring English language competencies, which would facilitate student access to the international literature most of which is in English.	We agree. The university offers English courses and we support our students that are struggling with their English to take these courses. However, most of our students have a very good level of reading, speaking, writing and understanding of the English language.
The Faculty does not provide information or analysis of potential career paths for its graduates, which could help guide them in making informed choices.	This information is provided through seminars and workshops that our program organizes every year. There is also information on this issue on our website.

List of strengths,

- 1. The programme's purpose and objectives, as outlined in the documentation, appeared to be well designed and appropriate to achieve the specified outcomes for graduates.
- 2. The range of inputs from industry and stakeholders provided additional context that made it more relevant to the students.
- 3. Access to lab facilities provides students with useful hands-on experience.
- 4. Academic staff seemed engaged in the process of continuous improvement and open to suggestions.
- 5. Several members of staff made time to provide extended learning opportunities in local contexts, including at weekends and during the summer break; these were highly valued by the students.

2. Student – centred learning, teaching and assessment (ESG 1.3)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
Strengthening partnerships with industry and research institutions could provide more internship and practical training opportunities for students.	We agree. It is one of our top priorities. Some of the practices we already applied or planning to apply involve: Industry Relevance (e.g., Establishment of Industry partnerships, Mentorship and Guidance by Industry professionals), Increased Internship Opportunities (e.g., Direct Connections, Shared Projects), Enhanced Practical Skills Development (e.g., Access to Resources, On-the-Job Training), Improved Career Prospects (e.g., Networking Opportunities, Increased Employability), Research and Innovation (e.g., Collaborative Research, Knowledge Transfer).	
Whilst students receive ongoing feedback re their assignments, no feedback is given in the case of examinations, except when specifically requested by the individual students. Such feedback could consist of a general evaluation and comments by the examiner of how the students fared in the exam and how they might improve their work.	There are faculty members that offer written feedback to each student for their final examinations. It should be noted that none of our faculty members uses only final exams, which by the way are obligatory according to the rules of the university, for a student's assessment. For more details on our methods of assessment, please see above for more details.	
The Panel came under the impression that the PhD study is a lonely journey, meeting with the single supervisor as and when feedback on progress was required. This highlighted the issue of the absence of a supervisory team. Other advisors	We follow the regulations set by the university ΚΑΝΟΝΕΣ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΣΠΟΥΔΩΝ. It should be noted that co-supervision is allowed at the University of Cyprus. Similar procedures are followed in many universities across the world (e.g., USA, China, India, Greece)	



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appear to come in at the latter		
stages of the student's journey. The differentiation between the compulsory qualitative and quantitative research methods options is understandable and pragmatic. However, it does limit student experience of these approaches and the Panel would encourage an internal review of the value combining these courses.	Our students have the option to take both courses, without paying more fees. Of course, only one of the two is required for graduating. But in the case they decide to take both, both will appear on their transcript.	
At present, all lectures are delivered in person, with no possibility of running in hybrid mode or recording of the lecture for subsequent offline access. Whilst this is understandable, given the value of modelling pedagogical practice, it disadvantages some students (especially EDI related); lack of an opportunity to review (lecture material) limits students' reflection and learning.	These issues are regulated by the central university. We will make the suggestion to the Senate (as noted by the evaluators).	
Although the majority of the course descriptors specify content and learning outcomes well, in certain cases, course descriptors were widely inconsistent. For example: o the number of learning outcomes specified ranges from 3 to 20 -one descriptor substituted learning outcomes with course description -bibliographies ranged from a reasonable number of texts to up to 6 pages in length.	The course descriptors vary in accordance to the nature of the course. We believe that the more detailed, the better. The suggested bibliography is not obligatory. The idea is to provide students with a list of readings, in the case they want to read over and above the mandatory readings. We will request from all of our faculty members to highlight the obligatory readings to avoid any confusion.	





To aid in clarity and students' choice, the Panel recommends identifying no more than 5 assessable learning outcomes, no more than 5 core and up to 5 supplementary readings.

While clarity and focus are important, imposing strict numerical limits on learning outcomes and readings can be counterproductive. It risks oversimplifying complex subjects, hindering the development of essential skills, and stifling innovation in curriculum design. We follow a more flexible approach that considers the specific needs of each subject and the diverse learning needs of students is more likely to lead to a rich and meaningful learning experience. Instead of arbitrary numbers, the focus should be on well-defined, measurable, achievable, relevant, and time-bound learning outcomes and a curated selection of readings that effectively support those outcomes.

As for limiting the list of readings, we will ask our faculty members to highlight the obligatory readings and suggest fewer supplementary readings. We do not want to impose numbers of them because it will be counterproductive. Limiting readings severely restricts students' ability to explore a topic in depth and develop a nuanced understanding. It can prevent them from engaging with diverse perspectives and forming their own informed opinions. In many domains, there is a vast body of scholarly work that students should be aware of. Limiting readings might ignore this breadth and can create a narrow view of the subject. Moreover, understanding the historical, social, and cultural context of a subject often requires engaging with a variety of readings from different perspectives. A limited reading list can prevent students from developing this crucial contextual understanding.

- 1. The program emphasizes active learning strategies, encouraging students to engage deeply with the material through discussions, projects, and hands-on activities.
- 2. Faculty members provide personalized support and mentorship, helping students tailor their learning experiences to their individual interests and career goals.
- 3. The program employs innovative teaching methodologies, including problem-based learning and collaborative projects, to foster critical thinking and problem-solving skills. It offers extensive fieldwork opportunities, allowing students to gain practical experience in natural settings and apply their knowledge in real-world contexts.
- 4. Classes are designed to be interactive, with a focus on student participation and real-world applications of theoretical concepts. Students have access to well-equipped laboratories where they can conduct experiments and research under the guidance of experienced faculty.

3. Teaching staff

(ESG 1.5)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
Staff CLPL is recommended for critically important understanding and implementation of principles of EDI	We agree. This process is already being implemented through KEDIMA, the center responsible for in-service training at the University of Cyprus	
Nomenclature such as "Special Teaching Staff" should be aligned with current international terminology such as "Teaching Fellows". This is particularly to avoid confusion with special education needs (SEN) support.	This terminology is used by the University of Cyprus for all personnel in this category. We have already discussed the issue with the Vice Chair of Academic Affairs, and we expect this term to change soon.	
Whilst some staff seem familiar with the possibilities and hazards of student use of generative artificial intelligence (gen-Al), these issues are complex and changing rapidly and the Panel would advise further staff development in this area as a priority	The University of Cyprus is actively addressing this issue by developing policies and ethical guidelines for the use of generative AI in research, teaching, and learning ENG-Recommendations-for-the-use-of-Artificial-Intelligence-in-teaching-processes-at-UCY-starting-Fall-Semeter-2023-2024pdf. Additionally, the university is organizing seminars for staff and students to raise awareness about best practices and potential pitfalls in the use of generative AI.	

- 1. As a result of the rigorous recruitment processes, the teaching personnel were recognized by the Panel as highly qualified with outstanding academic credentials. They are clearly highly committed to teaching and pedagogy. Department-level collaboration of the teaching staff seem to be active and productive. The overall appearance is that teaching staff are acting and collaborating very effectively at the departmental, national and international level, not only in research but in developing teaching and learning in general. The Panel were particularly impressed by the evidence of close collaboration in national educational developments, as reported by the 3 external members of the MoE. The University of Cyprus offers a good range of career long professional learning (CLPL) opportunities. There appears to be a healthy student-to-staff ratio, which should provide excellent opportunities for personalized learning and engagement.
- 2. Staff commitment is evident in a number of ways such as providing opportunities for students through broader informal and non-formal curricula, which extend beyond normal contact hours.

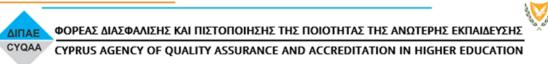
4. Student admission, progression, recognition and certification (ESG 1.4)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
Specific foreign language certification and minimum entry level requirements are missing from the website	This is because the program adheres to the University of Cyprus regulations for foreign language certification and minimum level requirements, as outlined on the School of Postgraduate Studies' website under Admission Requirements Admission Requirements - Graduate School	Choose level of compliance:
Whilst support Staff are a great strength of the Department the institutional memory (and wisdom) of all such procedures and practices resides with three members of staff, one of whom is soon to retire. The Panel strongly suggests that preemptive appointment processes are put in place to ensure that the work-load of each of the remaining two staff does not increase (albeit relatively briefly) by half.	Indeed, proactive appointment processes have already been established, ensuring that the position will be filled efficiently to meet institutional needs (please, see: ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΥΠΡΟΥ).	Choose level of compliance:

- 1. The processes for admission and criteria for acceptance on the degree programme, are clearly specified and publicly available via the Department website, with the exception of the first improvement point made below.
- 2. Programme provides a supportive environment for student progression, including academic advising and mentoring.
- 3. The Administrative Staff (e.g. IT-support, planning support, student progress monitoring) are clearly very competent and highly experienced; the Panel saw this part of the Department as the "backbone" of the Programme.
- 4. Regular monitoring of grades and student progress is conducted by the Administrative staff, who are easily accessible to the students.

5. Learning resources and student support *(ESG 1.6)*

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
The Department as a whole, including Programme Administrative Staff and other support services, should be colocated on the main campus.	The request for the Department, including Programme Administrative Staff and other support services, to be co-located on the main campus has been a longstanding and consistent priority for the department. We fully acknowledge the benefits this relocation would bring, including improved coordination, accessibility for students, and enhanced collaboration across all units. We are pleased to note that recent developments in the university's strategic and developmental plans have made significant progress toward addressing this request. Based on these advancements, we are optimistic that the relocation will be realized within the next two years. The department remains committed to supporting this transition and looks forward to the opportunities it will create for staff, students, and the program	
IT services should be available for the duration of the University opening hours, if any technical issues occur Implementing more sustainability initiatives, within the physical resources, could align the facilities with the programme's focus on the environment, adopt a whole Institution approach and help develop and make evident the commitment to a sustainable learning environment.	as a whole. the university has implemented a 24/7 emergency IT support line, ensuring that critical technical issues can be addressed at any time, even outside standard operating hours. This service reflects the university's commitment to minimizing disruptions and maintaining a reliable technological infrastructure for learning, teaching, and administrative functions. The suggestion to implement more sustainability initiatives within the physical resources is both timely and aligns perfectly with the program's focus on the environment and sustainability and the broader goals of fostering	





a sustainable learning environment. We are pleased to highlight several ongoing efforts in this regard: a) Participation in University Governance: One of the coordinators of the program actively participates in the university's Senate Committee "Sustainable University." This committee is dedicated to advancing sustainability across all aspects of the institution, ensuring that the program's values and expertise contribute to the university's strategic initiatives.

b) Collaboration with the Ecological Students Club:

The program maintains a strong partnership with the university's ecological students' club, which actively engages in environmental advocacy, awareness campaigns, and sustainability projects. This collaboration strengthens the program's practical commitment to sustainability.

c) University-Wide Commitment to SDGs:

The university is continuously improving its infrastructure to align with the United Nations Sustainable Development Goals (SDGs). Recent developments include green building initiatives, energy-efficient facilities, and sustainable waste management systems, all of which reflect the institution's dedication to sustainability.

These efforts underscore the program's and the university's



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	shared commitment to	
	embedding sustainability into all	
	levels of operations and fostering	
	a learning environment that	
	exemplifies environmental	
	responsibility. We will continue	
	to explore and implement	
	initiatives that enhance this	
	alignment and make our	
	dedication to sustainability even	
	more evident.	
Establishing peer mentoring	The suggestion to establish peer	
programmes could provide additional	mentoring programs is greatly	
support, learning opportunities and	appreciated and aligns with our	
foster a sense of community amongst	commitment to providing a supportive	
students	and inclusive learning environment.	
	Peer mentoring can indeed offer	
	valuable benefits, including additional	
	academic support, opportunities for	
	collaborative learning, and fostering a	
	strong sense of community among	
	students. We are already exploring options to integrate a formal peer	
	mentoring initiative into the program.	
	This effort could be closely linked with	
	existing structures, such as student	
	clubs or academic societies, to leverage	
	their expertise and existing	
	relationships. By implementing a peer	
	mentoring program, we aim to further	
	enrich the student experience and	
	enhance the program's community-	
	oriented values.	
Not all graduates will become	We agree. We actively promote the	
academics and not all will chose to	diverse opportunities, offered by	
work in schools. As there are	our program, through various	
presumably a wide range of career	platforms and opportunities,	
options including environmental	including the program's official	
centres, museums, government	webpage. Here, we emphasize the	
departments, nongovernmental	program's value and versatility by	
organisations and charities. It may be	stating:	
helpful in recruitment and progression	"Whether you are a beginning or	
to highlight this, and ensure that as wide a range of learning opportunities	experienced environmental	
to promote these career pathways is	educator—including classroom	
made evident	_	
made evident	teachers, non-formal educators,	
	environmental or park managers, or	
	educators working in zoos or	
	botanical gardens—this program	
	equips you with the essential skills	





needed to excel in your field.
Participants will gain expertise in
basic and applied research, the
design and development of
innovative curricula, evaluation and
reform of educational policies, and
the ability to critically analyze
recent trends and findings in
environmental and sustainability
education"

- 1. The University of Cyprus owns one of the country's largest and most comprehensive libraries, housed in a unique building that is accessible and highly conducive to student study.
- 2. The Faculty has well equipped laboratories, lecture halls and study spaces.
- 3. The Programme is supported by a competent team of Administrative staff and a dedicated team of Faculty members who are experts in the fields.
- 4. The University offers a range of support services, including IT, academic advising, mental health counselling, career services.

6. Additional for doctoral programmes

(ALL ESG)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
the Panel were extremely surprised that students have just one supervisor. This practice has longsince been discontinued in comparable universities, and replaced with a supervisory team of at least two and often three supervisors. The Panel thinks that this leaves the students vulnerable and, as reported, lonely.	The University of Cyprus is aware of the current trends in Ph.D. supervision, including the growing practice of coordinating supervisory teams of at least two or three members. We are also familiar with ongoing discussions in the academic community regarding the advantages and disadvantages of having a single supervisor versus multiple supervisors. While we acknowledge the concerns raised by the EEC about the potential vulnerability and isolation of students with a single supervisor, it is important to note that this discussion has not yet been opened at the University of Cyprus. The primary reason is that the current 'traditional' model of having one supervisor has consistently proven to be effective both for the candidates and the institution. This model ensures focused and personalized guidance, enabling supervisors to build strong mentoring relationships with their students, which has been instrumental in the successful completion of many Ph.D. theses. We must note that there have been instances of Ph.D. co-supervision when the nature of the research subject necessitated guidance from more than one supervisor. That said, we remain open to further examining this issue in the future, considering both the evolving global practices and the needs of our students.	Choose level of compliance:
The Panel found the active participation of the PhD supervisor on the final examination (viva voce) committee as extraordinary and potentially strongly conflicted. Whilst the Panel was advised	We appreciate the Panel's observation regarding the active participation of the Ph.D. supervisor on the final examination (viva voce) committee. The intent behind this model is to ensure	Choose level of compliance:





that this 30 is a by-law and University-	that the supervisor, as the individual	
wide, and therefore not subject to	most familiar with the candidate's	
immediate change, this is again	research, can provide context and	
internationally unique	insight into the work during the	
	examination process. As a forward-	
	looking institution, we are open to	
	exploring and discussing alternative	
	practices in the future to align more	
	closely with global standards while	
	maintaining the integrity and rigor of	
	our examination process. However, any	
	changes to this model would require a	
	university-wide review and consensus	
	to ensure consistency and fairness	
	across all programs	
Whilst the local regulations on doctoral	As we have already noted, there	
examination procedures seem unlikely	have been instances of Ph.D. co-	
to change, there seems to be no reason	supervision when the nature of the	
to prevent the Department from	research subject necessitated	
implementing its own approach to	guidance from more than one	
supervision with e.g., a principal and		
two assistant supervisors	supervisor. We remain open to	
	further examining this issue,	
	considering both the evolving global	
	practices and the needs of our	
	students	<u> </u>

- 1. The extremely modest programme fee (one-off and lower than for the Masters Programme) is exceptional and in the Panel's experience, unique.
- 2. The open approach to programme duration from 3 to 8 years is also exceptional and potentially supportive for part-time students.
- 3. The taught course options as preparation for developing their dissertation proposal are clearly helpful, and were appreciated by the current PhD students and graduates. However, the requirement to have completed a Masters degree may result in considerable overlap.

7. Eligibility (Joint programme)

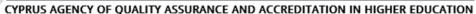
(ALL ESG)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
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d) Conclusions and final remarks

Conclusions and final remarks by EEC	Actions Taken by the Institution	For Official Use ONLY
Despite the evident and considerable success of the Department, there may be benefit in drawing up a five-year strategic plan to consider the above recommendations, and specifically: An overview of the current wide range of courses to ensure an integrated approach to course provision Review of priority compulsory courses and assessments to ensure students have an overview of their field In light of this, are there courses which are not a priority, and/or could be combined to provide a more holistic program?	There is already a plan for the future of our program, which includes the creation of a STEM+ oriented program, in collaboration with the Mathematics Education, Educational Technology and Language Education programs. The idea is to integrate our existing program into a STEM+ oriented program. Higher education today offers a diverse landscape of courses, reflecting the evolving needs of students and the complexities of the modern world. To ensure an integrated approach into this new program, first, we will focus on breaking down silos. In so doing, the courses of such a program will transcend the traditional disciplinary boundaries, encouraging students to connect knowledge and skills from various fields. For example, a course on "Sustainability" could draw from environmental science, natural sciences, economics, sociology, and engineering. Second, in this STEM+ oriented program we will focus on bridging the program with real-world. The idea is to reflect the complexities of real-world problems and prepare students for careers that require interdisciplinary skills. Third, we will include Experiential Learning, in which hands-on learning experiences such as internships, fieldwork, simulations, and community engagement projects will take place. Fourth, we will incorporate Technology-Enhanced Learning, which will involve online and blended learning and interactive technologies (e.g., simulations, virtual reality, and gamification). Fifth, we will focus on	Choose level of compliance:







the 21st-Century Skills (e.g., critical thinking, problem-solving, communication, collaboration). Finally, we will focus on Student-Centered Learning (e.g., Active Learning, Personalized Learning). In order to ensure an integrated approach, we are planning to use curriculum mapping to identify connections and overlaps between courses, ensuring a coherent and integrated learning experience for students. Moreover, we will foster collaboration among our faculty members across disciplines and implement continuous assessment and improvement. For the latter, we will regularly assess the effectiveness of our courses, gather student feedback, and make adjustments based on data and insights.

e) Higher Education Institution academic representatives

Name	Position	Signature
Professor Zacharias Zacharia	Professor, Chair of the Department	2 - x - p -
Ass. Professor Constantinos Korfiatis	Associate Professor, Programme's Coordinator	Sugar
Click to enter Name	Click to enter Position	
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Click to enter Name	Click to enter Position	

Date: 24/1/2025





