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Reframing Heritage Education in Egypt (ReHeED)

Work package 1: Surveys of Heritage Education and Gap Analysis

“Desk-based research on undergraduate & postgraduate programs of Heritage Education in Greek & EU universities.”

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1. The Greek National education system.

Greek National education system: Overall structure				
Level	School type	Duration (years)	Pupil's age	Notes
Primary education	<i>Nipiagogeio</i> (pre-primary school)	2	4 - 6	compulsory for all 4-year-old children, since 2018/19
	<i>Dimotiko scholeio</i> (primary school)	6	6 - 12	
Secondary education*	<i>Gymnasio</i> (lower secondary school)	3	12-15	general educationprerequisite for enrolling at General or Vocational upper secondary schools (<i>Lykeio</i>).
	<i>Geniko Lykeio</i> (General upper secondary school)	3	enroll at 15	common core subjects and optional subjects of specialization
	<i>Epangelmatiko Lykeio</i> (Vocational upper secondary school)	3	enroll at 15	two cycles of studies: The secondary cycle and the optional post-secondary cycle, the so-called “apprenticeship class”.
Higher education	University sector: Universities, Polytechnic Schools, Fine art Schools and Open University	4 Polytechnics 5 Medicine 6	>18	Access to Higher Education via Panhellenic Exams, organized by the Ministry of Education, end of every school year
	Technological sector: Technological Education Institutions and the School of Pedagogic and Technological Education	4	>18	
	Non-University Institutions	2-3	>18	

1. The Greek National education system.

1.1 Heritage education in different school levels .

A. Greek nursery school (age range: 4-6 years).

The analytical education program defines:

- the pedagogical principles,
- the means of learning,
- the daily routine,
- the role of the nursery teacher,
- the sectors of personal development, and
- the fields of knowledge → language, arts, social studies, math, music, gym, sciences, diversity & sustainability.

The children are being taught about cultural heritage according to some guidelines and to the teachers' cultural interpretations:

Examples of activities:

- seasonal religious celebrations,
- national celebrations,
- Folklore (traditional toys, tools, clothes),
- Tales, storytelling
- Music & dance

1. The Greek National education system.

1.1 Heritage education in different school levels .

B. Greek primary school (age range: 6-12 years).

The analytical program defines in a disciplined way the methods and the contents of the provided knowledge for the structuring of Greek citizenship.

In the **1st grade**, the children are taught Literature, Language, Gym, Study of Environment, Arts, Math, Music, and English, conceiving the self, the family, the neighborhood, and the Greek context.

- Literature → topics such as “School & the child”, “Fantasy & Adventure”, “Child & nature”, “Religious life”, “Greek history”, “Cultural heritage”
- Language and Study of Environment → chapters covering national and religious celebrations, extended chapter under the title “Our Culture” (toys in the past and present, how to discover the history of our country, what is culture)
- Gym → history of sports focusing on the Olympic Games, traditional dances, clothing & toys
- Math → analytical references to Greek mathematicians (such as Pythagoras & Ipatia)



1. The Greek National education system.

1.1 Heritage education in different school levels .

B. Greek primary school (age range: 6-12 years).

In the **3rd grade**, the Analytical Program is enriched with:

- an introduction to History -> mainly Greek mythology
- and a separate lesson for Religion

In the **5th grade**, addition of the following subjects:

- Geography,
- Social & Political Education,
- Physics
- and Theatre.

The guidelines of the content are similar to the approach described in the first grade.



1. The Greek National education system.

1.1 Heritage education in different school levels .

C. Greek middle & high school (age range: 12-18 years).

The example of “History” lesson, as a pillar of understanding the cultural heritage.

“History” is divided in 3 major historical periods :

- “Ancient times” in the Greek peninsula
- “Byzantine times”
- “History of the modern world”

During the transition from primary to middle school and then to high school there is a stepwise widening of the context, an approach to global context, but mainly a more analytical approach to the Greek context and its components, referring to European & western civilization.

There is an academic push for reframing the content of History Lesson (such as narrations from below, conflicts of interests in writing history, world history) and the teaching methods (such as experiential learning) which has an impact on the practices of several professors.



1. The Greek National education system.

1.1 Heritage education in different school levels .

C. Greek middle & high school (age range: 12-18 years).

Other topics such as:

- Modern & Ancient Greek (Translated or Authentic Texts)
- Greek Literature (such as Herodotus, Homer, and Euripides) (8-9hours per week)

are of great significance in familiarizing the students with the Greek heritage.

- Sciences→ there is a linkage of scientific knowledge to everyday life and cultural development

2. Undergraduate Studies on Heritage.

2.2 Undergraduate Heritage studies in Greek Universities.

Cultural heritage education in Greece includes a **wide range of undergraduate studies**. Generally, the fields could sum up in **archaeology, literature, philosophy, theatre, history, architecture, fine arts, tourism, social sciences** etc. For this reason, the narration of our team focuses on explicit studies on **Protection, Conservation and Restoration of Cultural Heritage**.

We examined courses related to Heritage offered in **DUTH Department of Architectural Engineering** and other **Departments of Architecture in Greek Universities**, and more specifically by the **Aristotle University of Thessaloniki (AUTH)** and the **National Technical University of Athens (NTUA)**.

Common subjects of courses on Heritage Education, Departments of Architecture	
HISTORY OF ARCHITECTURE	HISTORIC ENSEMBLES AND SITES: REDESIGN - REGENERATION
RESTORATION OF HISTORICAL BUILDINGS & SITES	ARCHITECTURAL SURVEY: SYSTEMATIC SURVEY OF A BUILDING, DOCUMENTATION METHODS
CITY AND URBAN PLANNING: HISTORICAL EVOLUTION AND THEORETICAL APPROACHES	THEORY OF ARCHITECTURE
ARCHITECTURAL DESIGN IN HISTORICAL CONTEXT	HISTORY OF ART

3. Postgraduate Studies on Heritage.

3.1 Postgraduate Heritage studies in Greece.

Also, the **postgraduate studies** on Cultural heritage in Greece offer a **wide variety** of subjects.

Generally, the fields could sum up in **specialized knowledge** in the sectors of **archaeology, literature, philosophy, theatre, history, architecture, conservation of historic buildings and artefacts, museology, heritage management, arts, tourism, social sciences** etc.

Below one may find a list with all the postgraduate courses related to Heritage, offered by Greek Universities.

After a thorough examination we concluded in the following results:

- Greek postgraduate courses on heritage can be divided in **2 major categories**
 - a. Invasive &
 - b. Non-invasive studies
- Out of **32 postgraduate courses** only **6 courses** engage with **practical applications** (conservation of monuments, artifacts etc., applied archaeology, heritage and technology etc.) the rest are mainly of a theoretical nature.
- Concerning studies for teachers, there are only **2 postgraduate courses** on “Education and Culture”
 - a. Democritus University of Thrace/ Department of Primary Education and
 - b. Harokopio University/ Department of Home Economics and Ecology

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
1	European Master of Classical Cultures	National and Kapodistrian University of Athens	Department of History & Archaeology	Taught in English, in collaboration with other European universities	https://emccs.uni-muenster.de/index.php/el/
2	Archaeology and History of the Ancient World: from the Early Prehistory to Late Antiquity	National and Kapodistrian University of Athens	Department of History & Archaeology		http://www.arch.uoa.gr/metapyxiakes-spydes/pms-tmimatos/arxaiologia-kai-istoria-toy-arxaioy-kosmoy-apo-thn-apotath-proistoria-ews-thn-ysterh-arxaiothta.html
3	The world of Byzantium: History and Archaeology	National and Kapodistrian University of Athens	Department of History & Archaeology		http://www.arch.uoa.gr/metapyxiakes-spydes/pms-tmimatos/byzantinos-kosmos-istoria-kai-arxaiologia.html
4	Modern and Contemporary History and History of Art	National and Kapodistrian University of Athens	Department of History & Archaeology		http://www.arch.uoa.gr/metapyxiakes-spydes/pms-tmimatos/neoterh-kai-sygxronh-istoria-kai-istoria-ths-texnhs-modern-and-contemporary-history-and-history-of-art.html
5	Monument Management: Archaeology, City and Architecture	National and Kapodistrian University of Athens	Department of History & Archaeology	Interdisciplinary Master's Program, in collaboration with the University of Patra, Department of Architecture and the University of the Aegean, Department of Cultural Technology.	http://www.dpmsdiach.arch.uoa.gr/
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
6	Museum Studies	National and Kapodistrian University of Athens	Department of History & Archaeology	Interdisciplinary Master's Program, in collaboration with the Department of Geology and Geoenvironment, and with the Department of Artefact Conservation of the Technical Educational Institution of Athens	http://www.museum-studies.uoa.gr/
7	Protection of Monuments, Direction A: Conservation and Restoration of Historic Buildings and Sites	National Technical University of Athens (NTUA)	School of Architecture	Interdisciplinary Master's Program, in collaboration with the Departments of Chemical Engineering, Structural Engineering and Surveying Engineering of NTUA	http://www.arch.ntua.gr/page/1210
8	Protection of Monuments, Direction B: Conservation of Building Materials	National Technical University of Athens (NTUA)	School of Architecture	Interdisciplinary Master's Program, in collaboration with the Departments of Chemical Engineering, Structural Engineering and Surveying Engineering of NTUA	http://laertis.chemeng.ntua.gr/dpms_syvtrn_sn/
9	History and Recording	Ionian University	Department of History		https://history.ionio.gr/postgraduate/documentation/
10	Management of Cultural Information	Ionian University	Department of Archives and Library Science		http://tab.ionio.gr/index.php/en/postgraduates/specialization
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
11	Archaeology of the Eastern Mediterranean: Greece, Egypt and the Near East	University of the Aegean (UAegean)	Department of Mediterranean Studies		http://dms.aegean.gr/en/graduate-studies/archaeology-of-the-eastern-mediterranean/
12	Cultural Technology and Communication	University of the Aegean (UAegean)	Department of Cultural Technology and Communication		http://www.aegean.gr/postgraduate/%CF%80%CE%BF%CE%BB%CE%B9%CF%84%CE%B9%CF%83%CE%BC%CE%B9%CE%BA%CE%AE-%CF%80%CE%BB%CE%B7%CF%81%CE%BF%CF%86%CE%BF%CF%81%CE%B9%CE%BA%CE%AE-%CE%BA%CE%B1%CE%B9-%CE%B5%CF%80%CE%B9%CE%BA%CE%BF%CE%B9%CE%BD%CF%89%CE%BD%CE%AF%CE%B1
13	Interdisciplinary Approaches in Historical, Archaeological and Anthropological Studies	University of Thessaly	Department of History, Archaeology and Social Anthropology		http://www.ha.uth.gr/index.php?page=post-about
14	Byzantine Studies	University of Ioannina	Department of History & Archaeology		http://www.hist-arch.uoi.gr/index.php?lang=en&Itemid=558
15	Modern and Contemporary Greek Society: History – Folk Culture	University of Ioannina	Department of History & Archaeology		http://www.hist-arch.uoi.gr/index.php?option=com_content&view=article&id=104&Itemid=560&lang=en
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
16	Ancient World: History and Archaeology	University of Ioannina	Department of History & Archaeology		http://www.hist-arch.uoi.gr/index.php?lang=en
17	Ancient Mediterranean World - History and Archaeology	University of Crete	Department of History & Archaeology		http://www.history-archaeology.uoc.gr/en/graduate-studies/programs-of-post-graduate-studies/ancient-mediterranean-world-history-and-archeology/
18	Byzantine and Medieval Studies	University of Crete	Department of History & Archaeology		http://www.history-archaeology.uoc.gr/en/graduate-studies/programs-of-post-graduate-studies/byzantine-and-medieval-studies/
19	M.A. Program in Ottoman History	University of Crete	Department of History & Archaeology	In collaboration with the Institute for Mediterranean Studies of the Foundation for Research and Technology-Hellas, taught in English	http://www.history-archaeology.uoc.gr/en/graduate-studies/programs-of-post-graduate-studies/joint-english-language-m-a-program-in-ottoman/
20	"Education and Culture"	Democritus University of Thrace		specifically for teachers	https://eled.duth.gr/postgraduate/â-êëëïò-ðíó/âêðáßáðóç-êáé-ðíëéðéóíüò/
21	"Cultural Education"	Harokopio University		specifically for teachers	http://www.dhee.hua.gr/index.php/en/postgraduate-studies/education-and-culture/cultural-education
22	Contemporary European and Greek History	University of Crete	Department of History & Archaeology		http://www.history-archaeology.uoc.gr/en/graduate-studies/programs-of-post-graduate-studies/contemporary-european-and-greek-history/
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
23	Art History	University of Crete	Department of History & Archaeology		http://www.history-archaeology.uoc.gr/en/graduate-studies/programs-of-post-graduate-studies/art-history/
24	Networked Cities and Representations	University of Patras	Department of History & Archaeology		http://www.upatras.gr/en/node/5328
25	Cultural Heritage and Science/Technology	University of the Peloponnese	Department of History, Archaeology and Cultural Resources Management	In collaboration with the National Centre for Scientific Research Demokritos and the National Observatory of Athens, taught in English	http://culttech.uop.gr/ http://ham.uop.gr/en/
26	Modern and Contemporary History: New considerations and perspectives	University of the Peloponnese	Department of History, Archaeology and Cultural Resources Management		http://ham.uop.gr/en/msci-modern
27	Studies on Preservation and restoration of Cultural Monuments Direction A: Protections and Conservation of Architectural Monuments	Aristotle University of Thessaloniki	Department of Architectural Engineering	Interdisciplinary	https://architecture.web.auth.gr/en/postgraduate-studies-2/studies-on-preservation-and-restoration-of-cultural-monuments/
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.1 List of postgraduate Heritage studies in Greece.

No	Postgraduate Course title	University	Department	Notes	Link
28	Studies on Preservation and restoration of Cultural Monuments Direction B: Protections and Conservation of Works of Art	Aristotle University of Thessaloniki	Department of Architectural Engineering	Interdisciplinary	https://architecture.web.auth.gr/en/postgraduate-studies-2/studies-on-preservation-and-restoration-of-cultural-monuments/
29	Museology- Cultural Management	Aristotle University of Thessaloniki	Department of Architectural Engineering	Interdisciplinary	http://ma-museology.web.auth.gr/en/
30	Studies on Local History- Interdisciplinary Approaches	Democritus University of Thrace	Department of History and Ethnology		http://duth.gr/%CE%95%CE%BA%CF%80%CE%B1%CE%AF%CE%B4%CE%B5%CF%85%CF%83%CE%B7/%CE%94%CE%B5%CF%8D%CF%84%CE%B5%CF%81%CE%BF%CF%82-%CE%9A%CF%8D%CE%BA%CE%BB%CE%BF%CF%82-%CE%A3%CF%80%CE%BF%CF%85%CE%B4%CE%8E%CE%BD-%CE%A0%CE%9C%CE%A3/%cf%83%cf%80%ce%bf%cf%85%ce%b4%ce%ad%cf%82-%cf%83%cf%84%ce%b7%ce%bd-%cf%84%ce%bf%cf%80%ce%b9%ce%ba%ce%ae-%ce%b9%cf%83%cf%84%ce%bf%cf%81%ce%af%ce%b1-%ce%b4%ce%b9%ce%b5%cf%80%ce%b9%cf%83%cf%84%ce%b7%ce%bc%ce%bf%ce%bd%ce%b9%ce%ba%ce%ad%cf%82-%cf%80%cf%81%ce%bf%cf%83%ce%b5%ce%b3%ce%b3%ce%af%cf%83%ce%b5%ce%b9%cf%82
31	Conservation of Cultural Heritage	University of West Attica	Department of Conservation of Antiquities and Works of Art		https://www.master-conservation.uniwa.gr/to-tmima-syntirisis
32	MA in Heritage Management	Athens University of Economics and Business (AUEB)		Interdisciplinary, in collaboration with the University of Kent	https://www.dept.aueb.gr/en/dmst/content/ma-heritage-management
Colour code explanation					
Invasive studies				Non-invasive studies	

3. Postgraduate Studies on Heritage.

3.2 Sample list of Postgraduate Heritage studies in Europe.

No	Postgraduate Course title	University/ Department	Country	Notes	Link
1	MSc Sustainable Building Conservation	Cardiff University/ Welsh School of Architecture	United Kingdom		https://www.cardiff.ac.uk/study/postgraduate/taught/courses/course/sustainable-building-conservation-msc
2	MSc Conservation of Historic Buildings	University of Bath/ Department of Architecture & Civil Engineering	United Kingdom		https://www.bath.ac.uk/courses/postgraduate-2020/taught-postgraduate-courses/msc-conservation-of-historic-buildings/
3	MA History of Art (Architectural History and Theory)	University of York	United Kingdom		https://www.york.ac.uk/study/postgraduate-taught/courses/ma-history-of-art-architectural/
4	MSc Architectural Conservation	University of Edinburgh/ School of Architecture and Landscape Architecture	United Kingdom		https://www.eca.ed.ac.uk/study/postgraduate/architectural-conservation-msc
5	Master in Conservation of Cultural Heritage	University of Lincoln	United Kingdom		https://www.lincoln.ac.uk/home/course/conhisma/
6	MSc Architectural Conservation	University of Kent/ School of Architecture	United Kingdom		

3. Postgraduate Studies on Heritage.

3.2 Sample list of Postgraduate Heritage studies in Europe.

No	Postgraduate Course title	University/ Department	Country	Notes	Link
7	Master's Degree in Conservation and Restoration of Cultural Heritage	University of Valencia (UPV)/ Department of Conservation and Restoration of Cultural Heritage	Spain		http://www.upv.es/titulaciones/MUCRBC/info/masinformacioni.html
8	Masters in Structural Analysis of Monuments and Historical Constructions	Polytechnic University of Barcelona	Spain		http://www.msc-sahc.org/
9	Master in the restoration of architectural monuments	Universitat Politècnica de Catalunya BARCELONATECH/ School of professional and executive development	Spain		https://www.talent.upc.edu/ing/estudis/formacio/curs/253100/master-restauracion-monumentos-arquitectura/
10	Master in Diagnosis of the State of Preservation of the Historical Heritage	Universidad Pablo de Olavide sevilla/ Centro de Estudios de Postgrado CEDEP	Spain		http://www.upo.es/postgrado/en/Master-Diagnosis-of-the-State-of-Preservation-of-the-Historical-Heritage
11	Master in the conservation of cultural heritage	Universidad Complutense de Madrid/ Fine arts Faculty (UCM)	Spain		https://www.ucm.es/masterconservacion/descripcion-del-titulo
12	Master's Degree in Conservation Science and Technology for Cultural Heritage	Ca' Foscari University of Venice	Italy		https://www.unive.it/pag/20732/

3. Postgraduate Studies on Heritage.

3.2 Sample list of Postgraduate Heritage studies in Europe.

No	Postgraduate Course title	University/ Department	Country	Notes	Link
13	Master's Program in Science and Technology for the Conservation of Cultural Heritage	Sapienza University of Rome	Italy		https://corsidilaurea.uniroma1.it/en/corso/2019/29846/home
14	Master's in science for the Conservation-Restoration of Cultural Heritage	University of Bologna/ Campus di Ravenna	Italy		https://corsi.unibo.it/2cycle/ScienceForConservation/overview
15	Master of Conservation of Monuments and Sites (Leuven)	University KU Leuven	Belgium		https://onderwijsaanbod.kuleuven.be/opleidingen/e/CQ_52688406.htm#activetab=diploma_omschrijving
16	Master in Restoration and Conservation	University of Dubrovnik,	Croatia		http://www.unidu.hr/datoteke/636izb/restauracija.pdf
17	Specialization and Deepening Diploma (DSA) with Architecture and Heritage	Ecole de Chaillot	France		https://www.citedelarchitecture.fr/sites/default/files/documents/2019-10/nouveau_programme_pedagogique_dsa_2019-2021_octobre_2019.pdf

4. Questionnaires Targeting Graduates of existing programs on Heritage Education in Greece.

Basic results:

- **Education Background** → The sample is among professionals who have completed their bachelor's degree (100% of the sample) and obtained a master's degree (82%), in the field of Conservation _Monuments /or Materials (82% of the total sample, in Greece most professionals in the sector of Heritage pursue higher education (Master degree or PhD)
- **Current Employment of graduates** → the majority of are self-employed, others work on heritage sites, are employed by the Ministry of Antiquities. Also, a great percentage is unemployed highlighting the general issue of unemployment in our country. 71% of the total considers their job suitable for their education and qualifications.
- **Evaluation of their studies** → 65% consider the postgraduate program that they attended as Very Good, 24% as Good and 12% as Excellent, demonstrating the high level of heritage education provided in Greece despite the lack of infrastructure. The evaluation of the programs concerning the knowledge, skills, attitudes and values provided to work in the field of cultural heritage was positive overall, although the majority of the participants (53%) have answered that they would need more activities to gain more knowledge and skills.
Teaching methods: include many of the categories provided by the questionnaire, with lectures being the primary method, used in all programs (100%) followed by expert talks and discussions (88%), site visits, group work, discussions and seminars (77% each). Debates and training are the least used, with 24% and 35% respectively.
Training: was not included in most programs, with only 41% of the participants answering that they had some form of training during the program, out of which none specified was more than 2 months. Evaluation of the training was in general terms positive with 43% answering it was very good, 29% good, and a smaller number of people answering it was either excellent or average (14% each).

4. Questionnaires Targeting Graduates of existing programs on Heritage Education in Greece.

Basic results:

➤ **Evaluation of readiness for the workplace as a cultural heritage education professional →**

71% of the participants stated that the programs they attended included heritage education material

The quantitative analysis has shown that, during their heritage studies, the participants have been tackling topics such as the development of critical thinking, the awareness on heritage preservation and the preservation of collective memory in a percentage ranging from 82% to 88%.

In the second place, one may find topics regarding the improvement of life quality, responsibility and promoting heritage skills and professionals, in a percentage from 65 to 76%.

Furthermore, the participants have been acquainted with issues on accessibility, creativity, participation/engagement, multiculturalism, promotion of an inclusive approach to heritage and synergy with other institutions, in a percentage from 47 to 59%. The least implemented topics include issues on citizenship, social inclusion, fighting against racism, international dialogue and others, in a percentage 12 - 29%.

Most of the participants (**65%**) believe not only that through heritage studies **they have been qualified to work as professionals in the field of cultural heritage education**, but also that **they are prepared to work with different target groups (82%)**.

As far as their ability to design a successful educational program is concerned, 71% of the participants believe that they are capable to fulfill the mission and vision of their workplace by creating an educational program that covers the main learning outcomes while being relevant to the needs and interests of people, in comparison to 24% that think otherwise.

4. Questionnaires Targeting Graduates of existing programs on Heritage Education in Greece.

Basic results:

- Question on the matter of cultural heritage being integrated in education at schools and universities →

The participants **unanimously (100%) believe that cultural heritage could be incorporated in education at schools and universities.**

The majority (76%) think that cultural heritage should constitute a subject on its own, while 59% believe that it should function as a source for multidisciplinary activities and 12% proposed that heritage should be integrated into the educational system in the form of educational programs in schools.

Thank you for your attention!