



United Nations
Educational, Scientific and
Cultural Organization



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FIRENZE

- UNESCO Chair on the Prevention and
- Sustainable Management of Geo-Hydrological Hazards,
- University of Florence, Italy

Re-HeED WP1

workshop

3rd June 2021

Sandro Moretti, Emanuele Intrieri, William
Frodella, Stefano Morelli, Federico Di
Traglia, Veronica Tofani



Re-HeEd

CULTURAL HERITAGE

@ UNIVERSITY OF

FLORENCE

BSc Diagnostics and Materials for Conservation and Restoration



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Scuola di Scienze
Matematiche, Fisiche e Naturali

Trova persona, argomento...

albo ufficiale

english version

corso di laurea triennale

**Diagnostica e
materiali per la conservazione e il restauro**

entra in
biblioteca

corso di studio



didattica



docenti



orario e calendari



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online

"There are more things in heaven and earth, Horatio, Than are dreamt of in your philosophy."

William Shakespeare (Hamlet, act I scene V)

news

avvisi

Emergenza CORONAVIRUS

Comunicazioni a cura dell'ateneo

Bando Erasmus extra EU

Scadenza 17 marzo p.v.

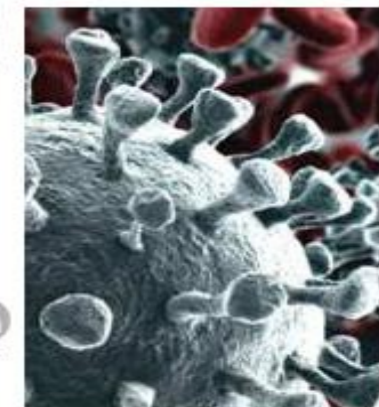
Orario delle lezioni II semestre

I corsi inizieranno il 24 Febbraio secondo l'orario di seguito riportato.

Erasmus+ Incontri informativi

Misure urgenti

per la comunità Unifi, leggi sul sito di Ateneo



Corso di Laurea Triennale in Diagnostica e Materiali per la conservazione e il Restauro

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Scuola di Scienze Matematiche, Fisiche e Naturali - Viale Morgagni, 40/44 - 50134 Firenze - Tel. +39 055 2751352 - Fax +39 055 2751351

email scuola(AT)scienze.unifi.it

Progetto e idea grafica: Area Comunicazione - piattaforma tecnologica: SIAF - cms: MaxDev | Login redazione

MSc Sciences and materials for conservation and restoration



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Scuola di Scienze
Matematiche, Fisiche e Naturali

Trova persona, argomento...

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corso di laurea magistrale
**Scienze e materiali
per la conservazione e il restauro**

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biblioteca

corso di studio



didattica



docenti



orario e calendari



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"Imparare è un'esperienza; tutto il resto è solo informazione"

Albert Einstein

news

avvisi

Emergenza CORONAVIRUS

Comunicazioni a cura dell'Ateneo

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E. Carretti

Inizio lezioni corso di CHIMICA ANALITICA PER I BENI CULTURALI

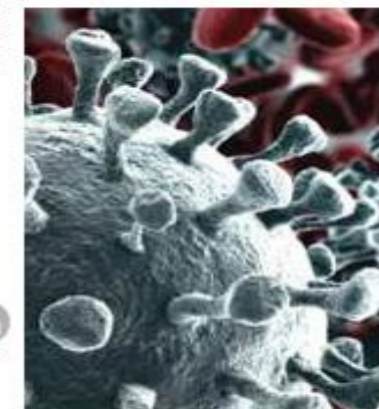
E. Carretti

Inizio lezioni corso di CHIMICA ANALITICA PER I BENI CULTURALI

E. Carretti

Inizio lezioni corso di CHIMICA ANALITICA PER I BENI CULTURALI

Misure urgenti
per la comunità Unifi, leggi sul sito di Ateneo



Corso di Laurea Magistrale in Scienze e Materiali per la Conservazione e il Restauro

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MSc story and conservation of archives, libraries, archaeological and artistic heritage



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Scuola di Studi Umanistici e
della Formazione

Trova persona, argomento...

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entra in
biblioteca

corso di studio **didattica** **docenti** **orario e calendari**



"Rivelare l'arte e nascondere l'artista è il fine dell'arte"
Oscar Wilde, Il ritratto di Dorian Gray, 1891

news **avvisi**

4 tirocini retribuiti
Bando Arte contemporanea e nuove professionalità

Corso in aula sulla sicurezza 2019
È stata organizzata la prima edizione del corso di formazione specifica in materia di sicurezza dedicata agli studenti.

Scavi archeologici, visite guidate..
Occorre frequenza a corso on line dell'Ateneo

G. Vannini
Archeologia Medievale - Ricevimenti febbraio-maggio 2020 (studio dip SAGAS, piano III)*

G. Cecconi
NUOVE INDICAZIONI PER I RICEVIMENTI (c)

G. Cecconi
NUOVE INDICAZIONI PER I

Misure urgenti
per la comunità Unifi, leggi sul sito di Ateneo



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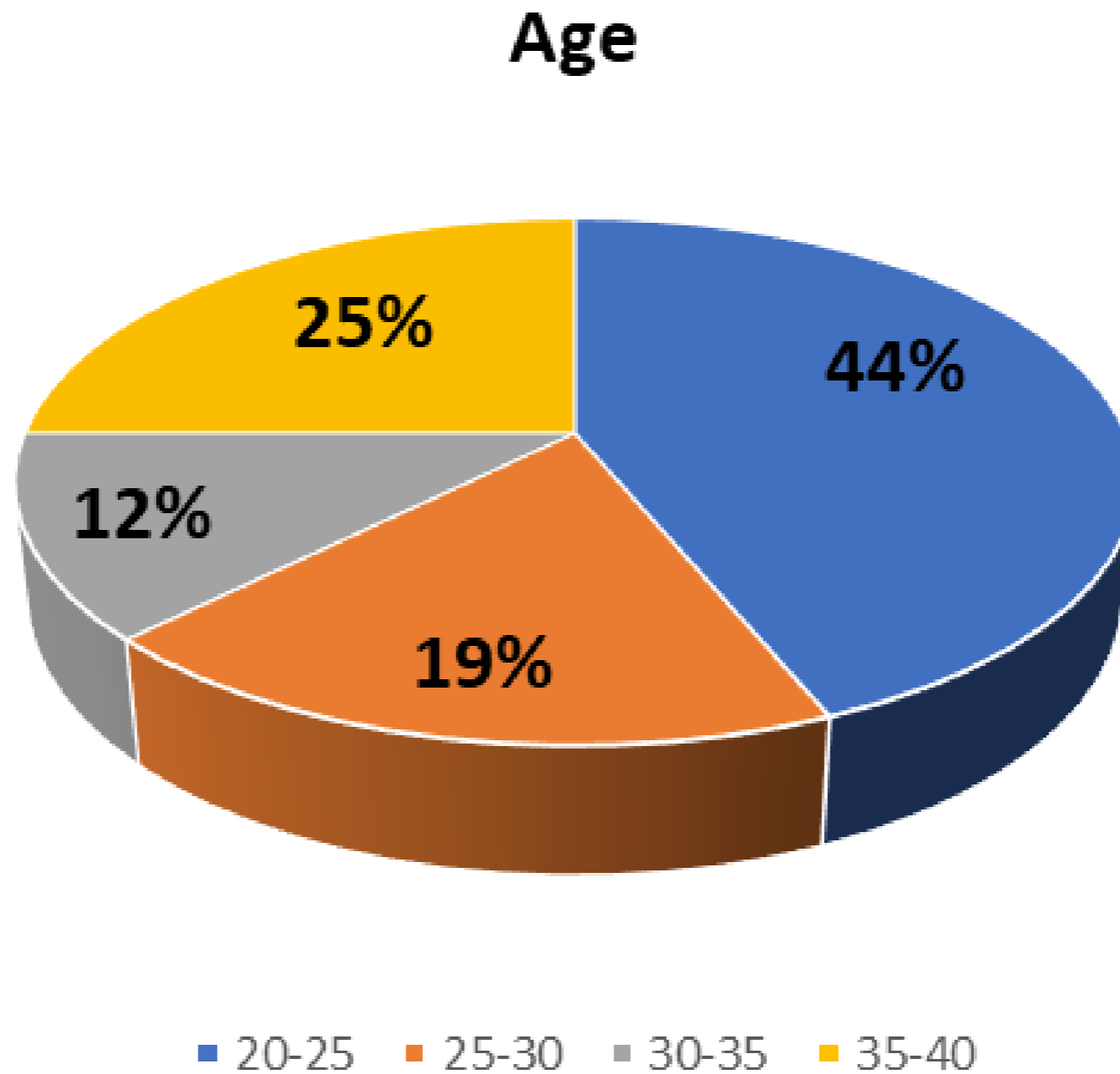
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RESULTS OF QUESTIONNAIRES

Premise

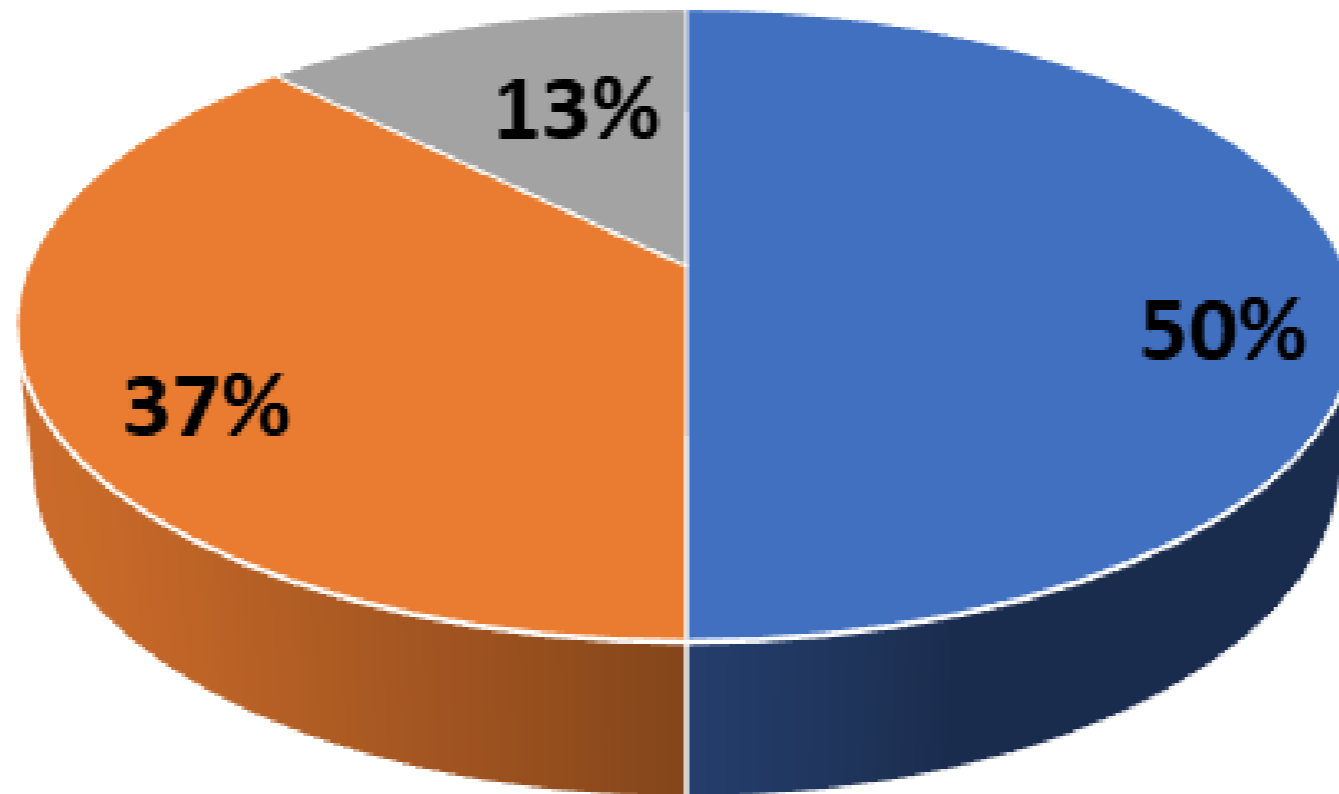
- The number of questionnaires that have been returned is limited (sixteen)
- For a proper statistical elaboration these questionnaires could be merged with those from the other Partners
- Following is a synthesis of the answers from these questionnaires
- Please take notes of any queries, we will be happy to answer as soon as we get in touch

Your age



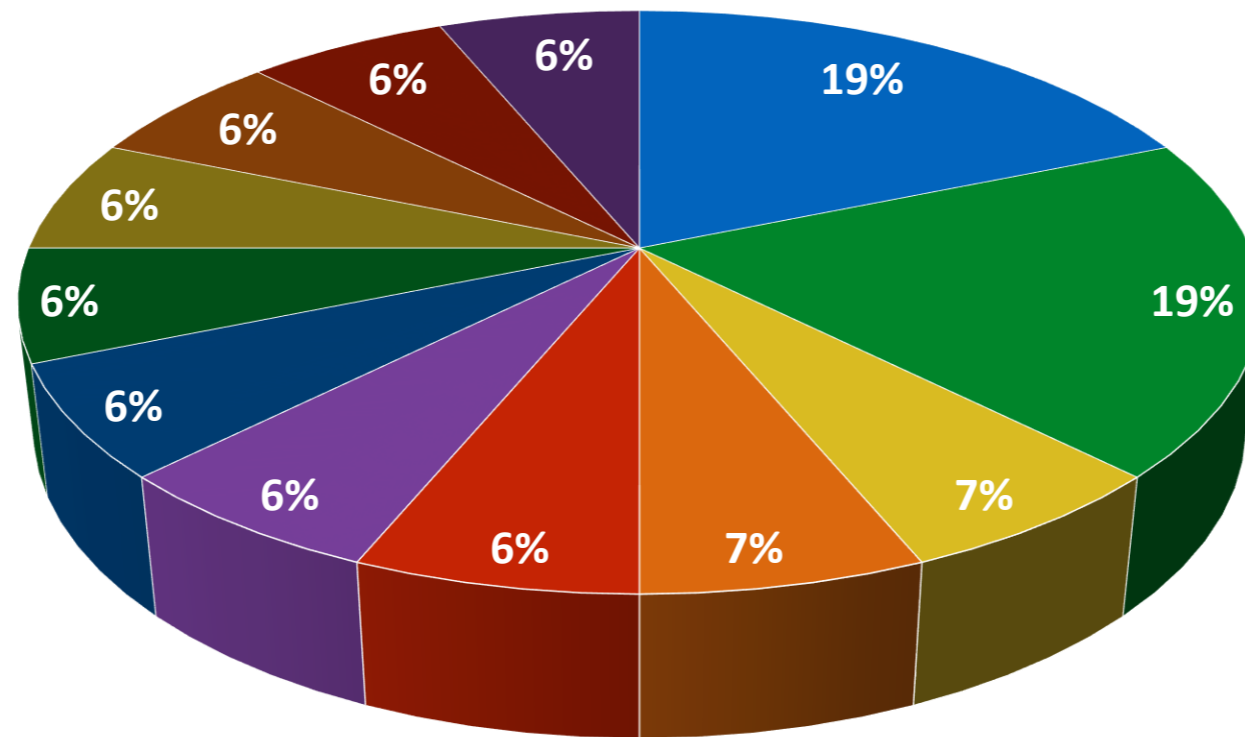
Your highest educational degree obtained:

Highest education degree



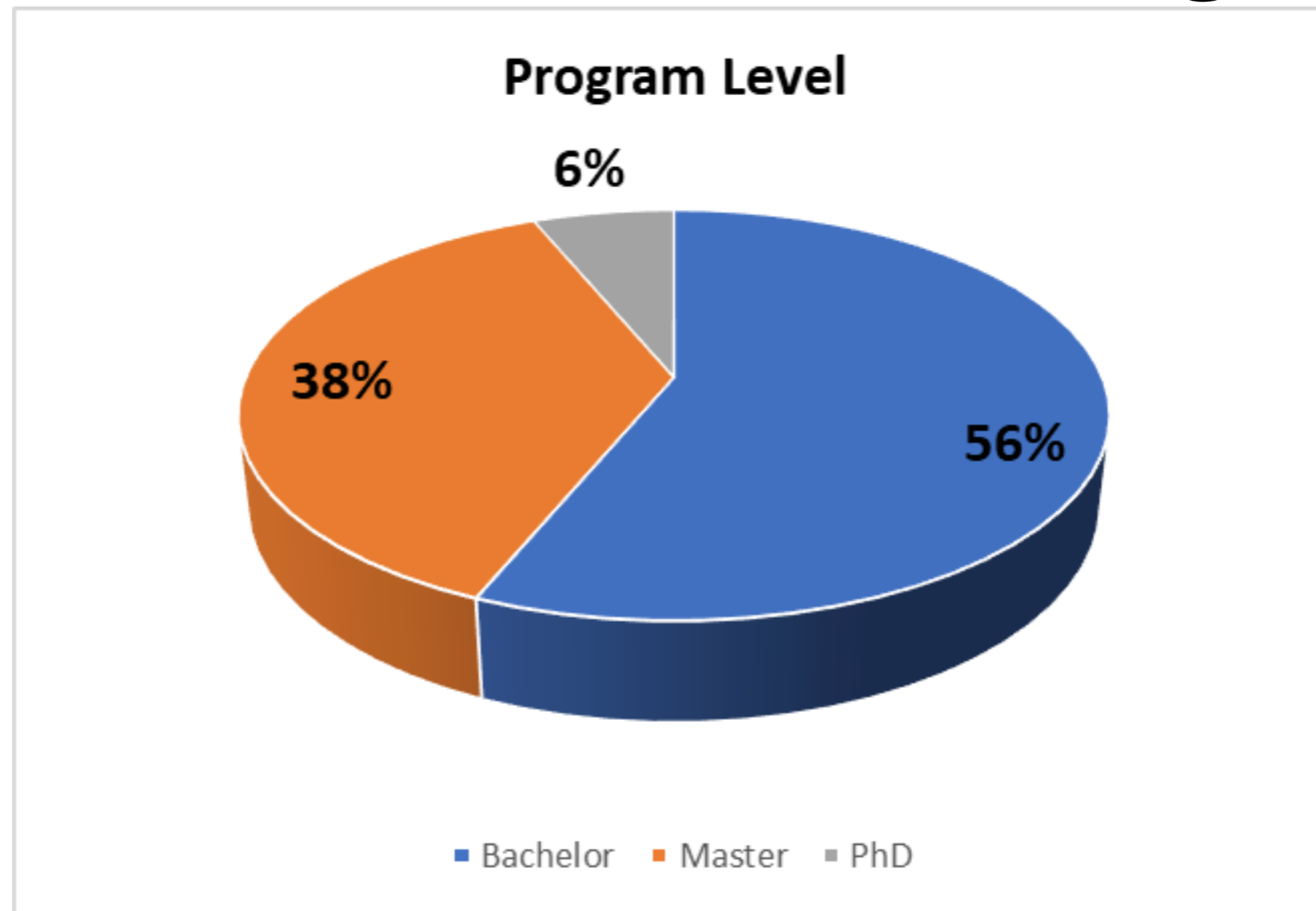
■ Bachelor ■ Master ■ PhD

The name of the heritage program you studied:

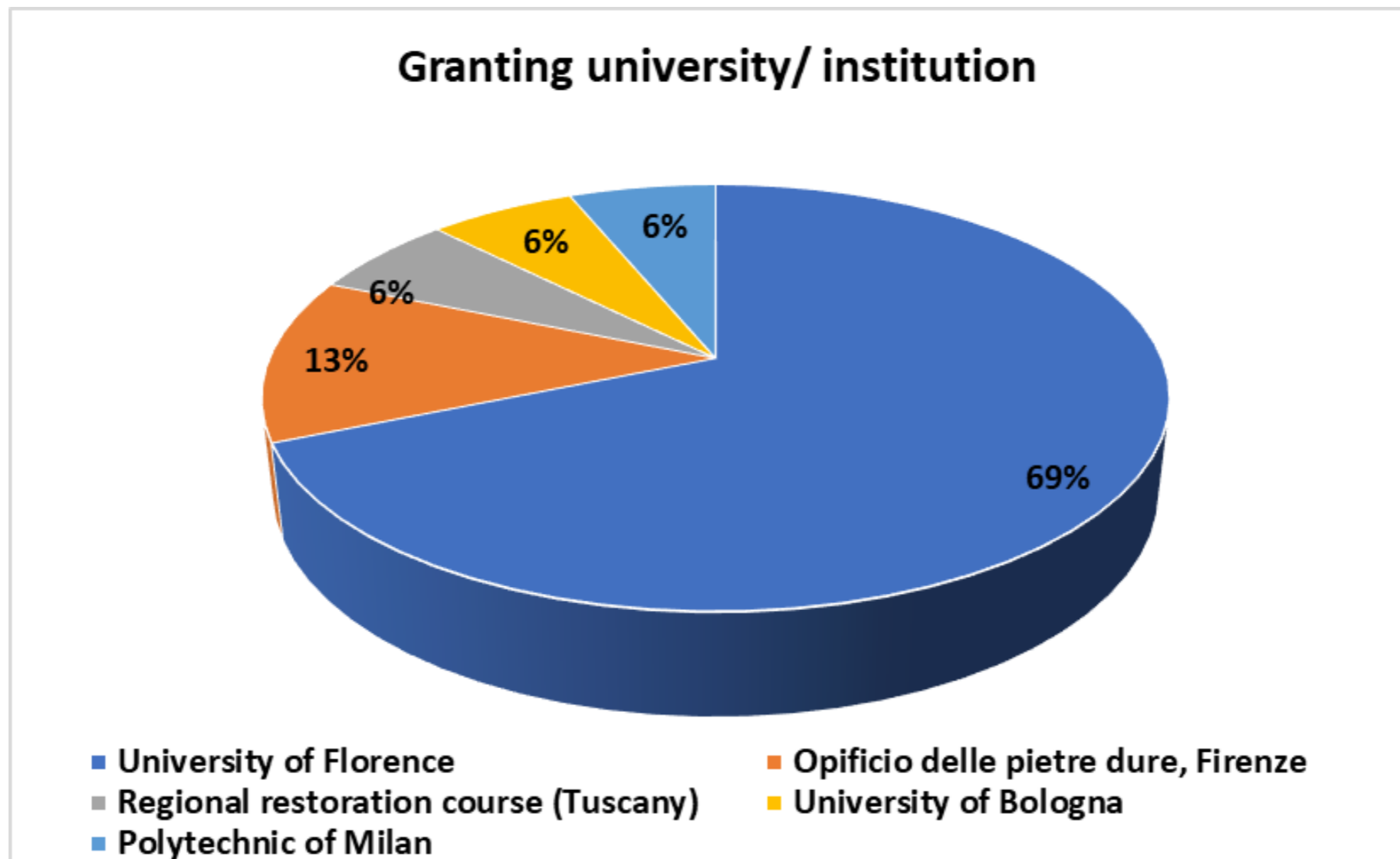


- Diagnostics and conservation of cultural heritage
- Science for the Conservation-Restoration of Cultural Heritage
- Conservation and restauration of Cultural Heritage
- Science and Materials for Conservation and Restoration
- Cultural heritage restorer
- Conservation Science
- Diagnostic for the conservation of cultural heritage
- Restoration and Conservation of the Cultural Heritage
- Restoration of cultural heritage
- Diagnostics and Materials for Conservation and Restoration
- History and Conservation of Archaeological Heritage
- Pharaonic architecture

The level of the program:

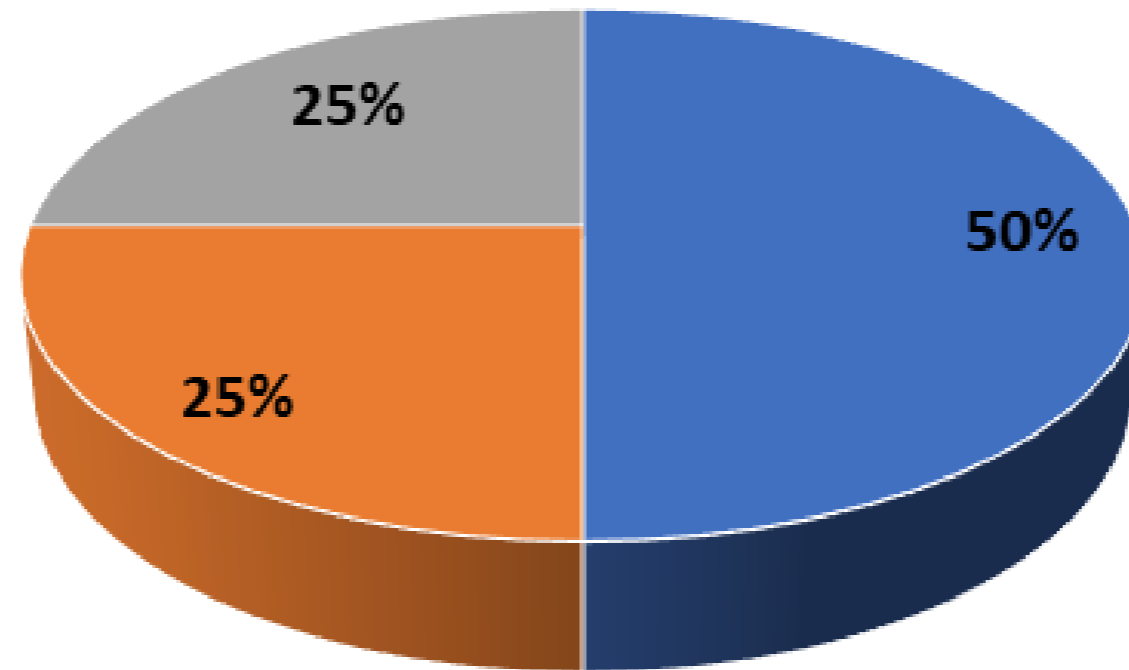


The name of the granting



How long have you been graduated from the program?

How long have you been graduated from the program?



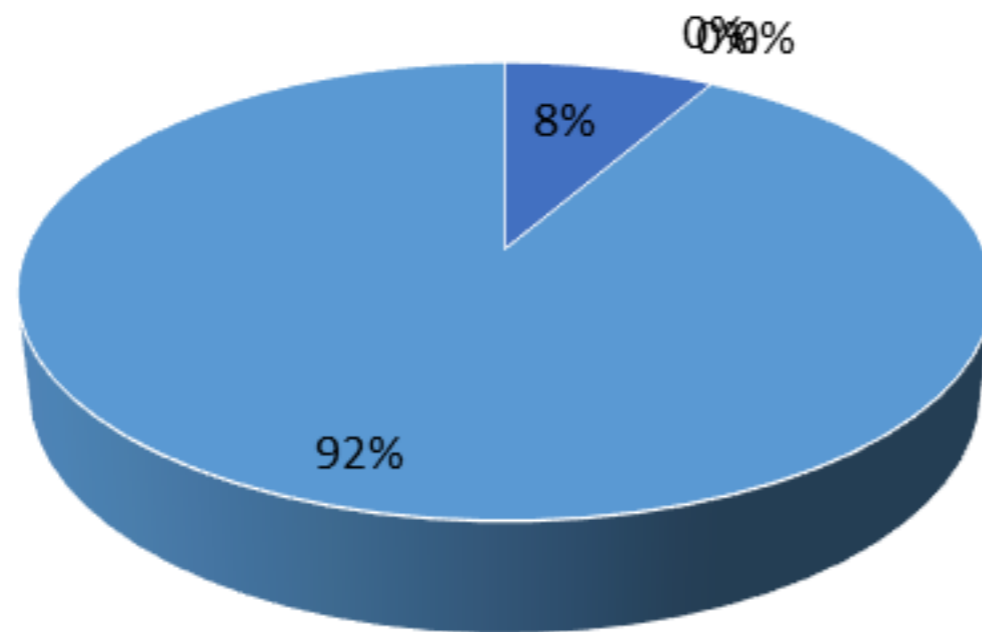
■ 1-3 years

■ 3-6 years

■ more than 6 years

Where do you work currently?

Where do you currently work?



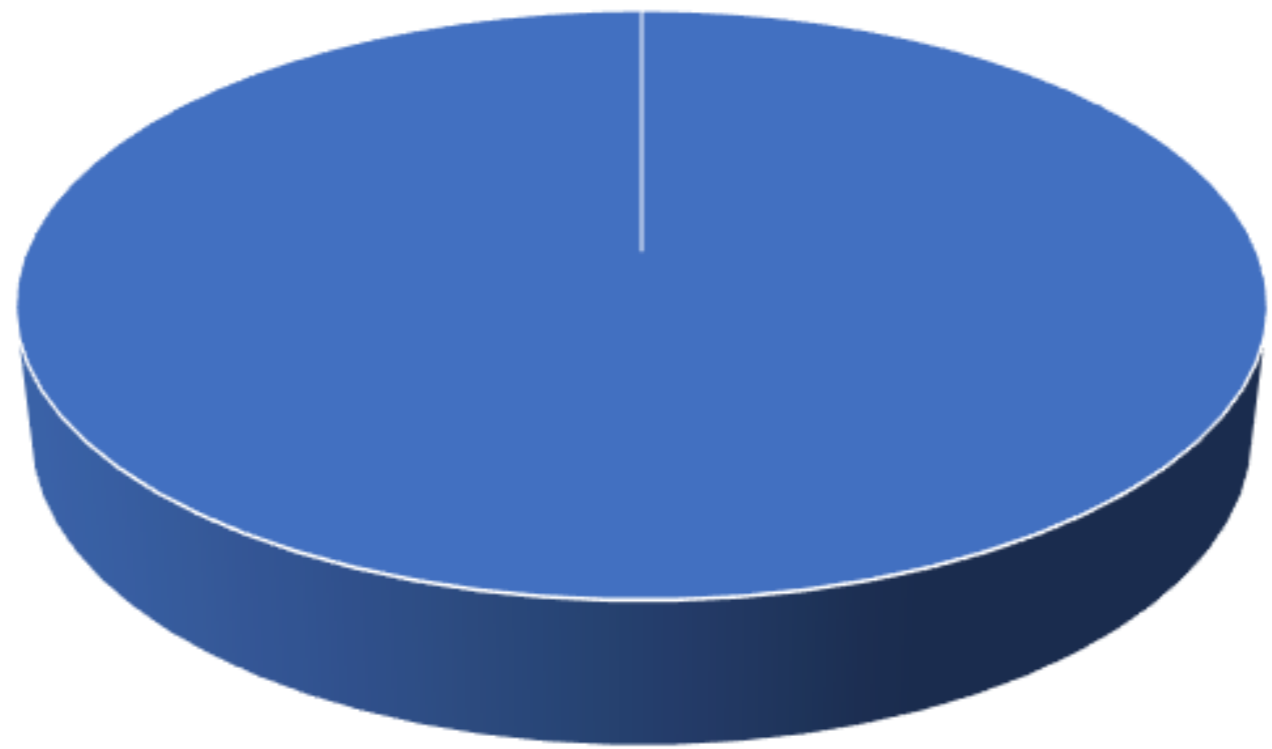
■ Heritage site ■ Museum ■ The ministry of antiquities and tourism ■ Travel agency ■ Other

Other:

- Universities
- Public research body
- Private company
- Auction House
- Aldo Galli Academy of Fine Arts in Como
- Laboratory for the authentication of artworks
- I do not work
- I am studying

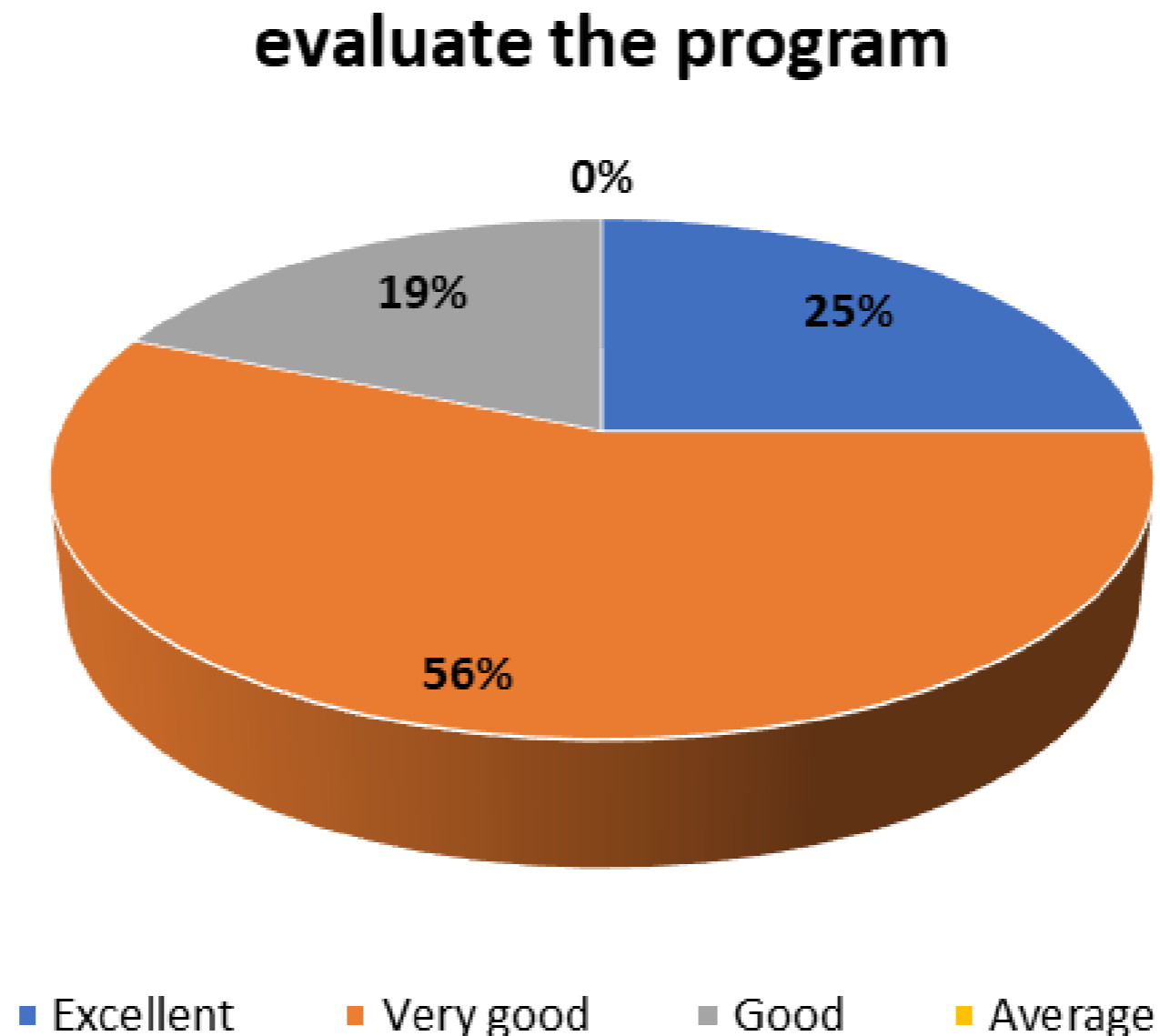
Do you consider this job suitable for your education and qualifications?

job suitable for your education and qualifications



■ Yes ■ No

How do you evaluate the program you graduated from?



What are the program's points of strength?

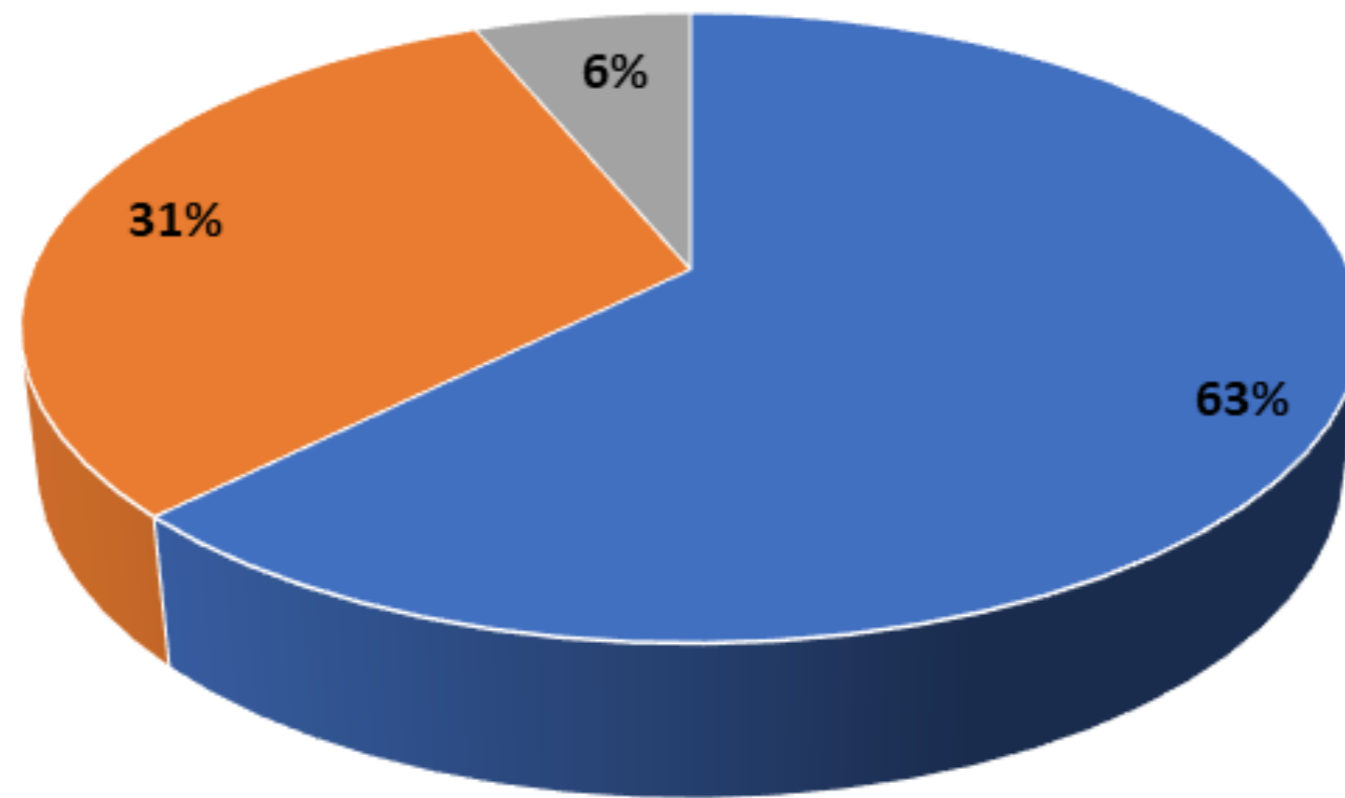
Questionnaire	Granting University/ Institution	Program's points of strength	Questionnaire	Granting University/ Institution	Program's points of strength
1	Opificio delle pietre dure, Firenze	<ul style="list-style-type: none"> • many hours of study and restoration of art work • lessons of chemistry, physics, history of art, and archeology • very few selected students 	10	University of Florence	<ul style="list-style-type: none"> • Many subjects are treated • Well prepared professors <ul style="list-style-type: none"> • Seminars • Site visits
2	University of Florence	<ul style="list-style-type: none"> • continuous study and research activities • Multidisciplinary approach • Knowledge of various analytical methods • Knowledge of the theoretical bases 	11	University of Florence	<ul style="list-style-type: none"> • Interesting and in depth courses • Availability of professors • Activities proposed by the Institution
3	University of Florence	<ul style="list-style-type: none"> • Interdisciplinarity • Laboratory activities 	12	Regional restoration course (Tuscany)	<ul style="list-style-type: none"> • Possibility to work in the field • Ability to develop restoration projects
4	University of Florence	<ul style="list-style-type: none"> • Overview of all possible applications of the diagnostic applied to cultural heritage 			<ul style="list-style-type: none"> • Possibility of carrying out material experiments • Chemical and physical knowledge of organic and inorganic constitutive matter
5	University of Florence	<ul style="list-style-type: none"> • multidisciplinary laboratories activities • good internship opportunities 	13	University of Florence	<ul style="list-style-type: none"> • the practical experience in geo-laboratory • "excursions" to S.M del Fiore Church in Florence • knowledges aquired with instruments • people with different job met during the period
6	University of Florence	no info			<ul style="list-style-type: none"> • Multidisciplinarity
7	University of Florence	<ul style="list-style-type: none"> • Chemistry applied to conservation • stone materials • Art and architecture history • Physical methodologies for cultural heritage 	14	University of Bologna	<ul style="list-style-type: none"> • Teachers not only from academia, but also from professional community (i.e. conservators, restorers)
8	Opificio delle pietre dure, Firenze	<ul style="list-style-type: none"> • Very accurate teaching on Art History and Restoration contents • Very high-quality workshops and cases 			<ul style="list-style-type: none"> • Compulsory internships with either public bodies or small enterprises • Strong modules about fundamentals
9	University of Florence	<ul style="list-style-type: none"> • knowledge acquisition in order to work in the field, as well as to understand its career opportunities 	15	University of Florence	Practical activities
			16	Politechnic of Milan	Systematic knowledge of the building technologies

What are the program's points of weakness?

Questionnaire	Granting University/ Institution	Program's points of weakness	Questionnaire	Granting University/ Institution	Program's points of weakness
1	Opificio delle pietre dure, Firenze	<ul style="list-style-type: none"> Few specialized course Rare PhD courses 	10	University of Florence	<ul style="list-style-type: none"> not sufficient training not sufficient discussions between students, professors and few research activities few multi-disciplinary group work
2	University of Florence	<ul style="list-style-type: none"> Too much theory Few job opportunities The practical part is missing 	11	University of Florence	<ul style="list-style-type: none"> No english courses Lack of materials for students few funds for research
3	University of Florence	No info	12	Regional restoration course (Tuscany)	<ul style="list-style-type: none"> few projects for the enhancement of cultural heritage few opportunities for experience in public bodies (e.g., museums)
4	University of Florence	<ul style="list-style-type: none"> Few hours of laboratory Some topics not adequately covered 	13	University of Florence	<ul style="list-style-type: none"> not to have a global view about some operations in laboratory independence not acquired with some instruments no collection of samples (already done by others)
5	University of Florence	<ul style="list-style-type: none"> Degree programme disorganization Few job opportunity 	14	University of Bologna	<ul style="list-style-type: none"> Absence of an established workflow to allow graduates to be employed soon after they get the degree Lack of a direct connection between the academia and the job market
6	University of Florence	No info	15	University of Florence	too many basic lectures
7	University of Florence	<ul style="list-style-type: none"> Legislation programme Practical implementation of restoration work 	16	Politechnic of Milan	No info
8	Opificio delle pietre dure, Firenze	No info			
9	University of Florence	<ul style="list-style-type: none"> instead of being 3+2, it should be one degree (maybe 5 years in a row) 			

Did the program provide you with the knowledge, skills, attitudes and values needed to work in the field of cultural heritage?

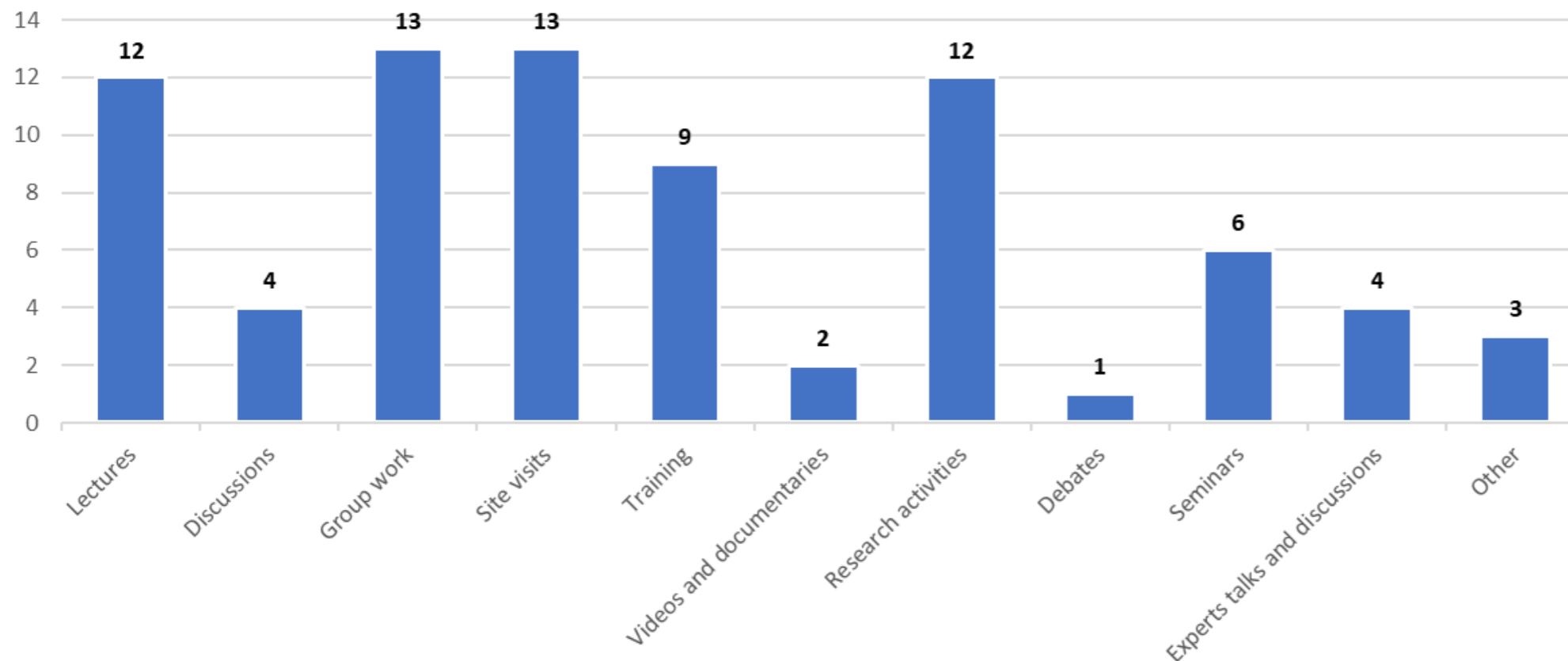
Did the program provide you with the knowledge needed?



■ Yes, surely ■ Yes, but I had to do other activities ■ No

What are the teaching methods used in the program?

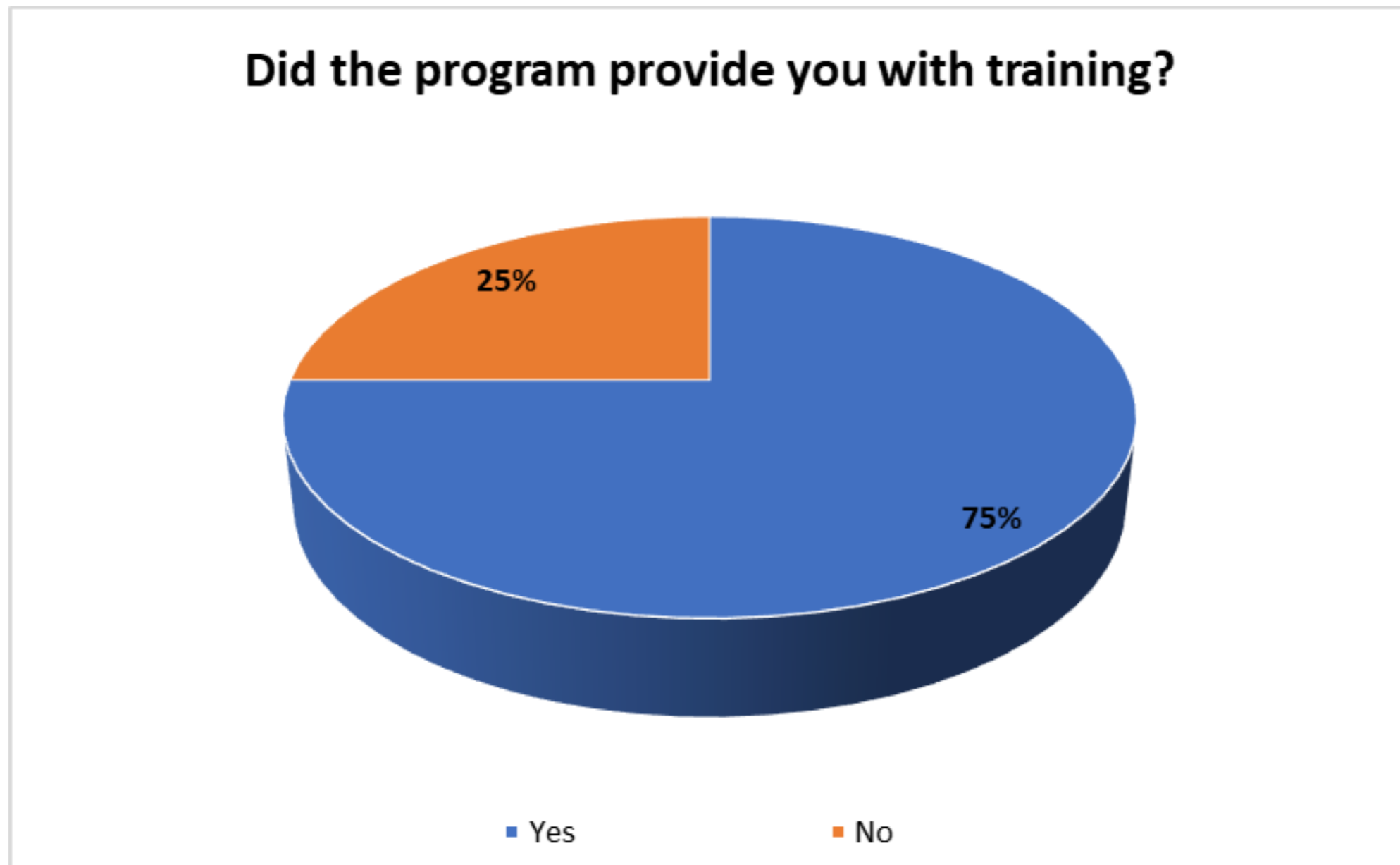
What are the teaching methods used in the program



Other:

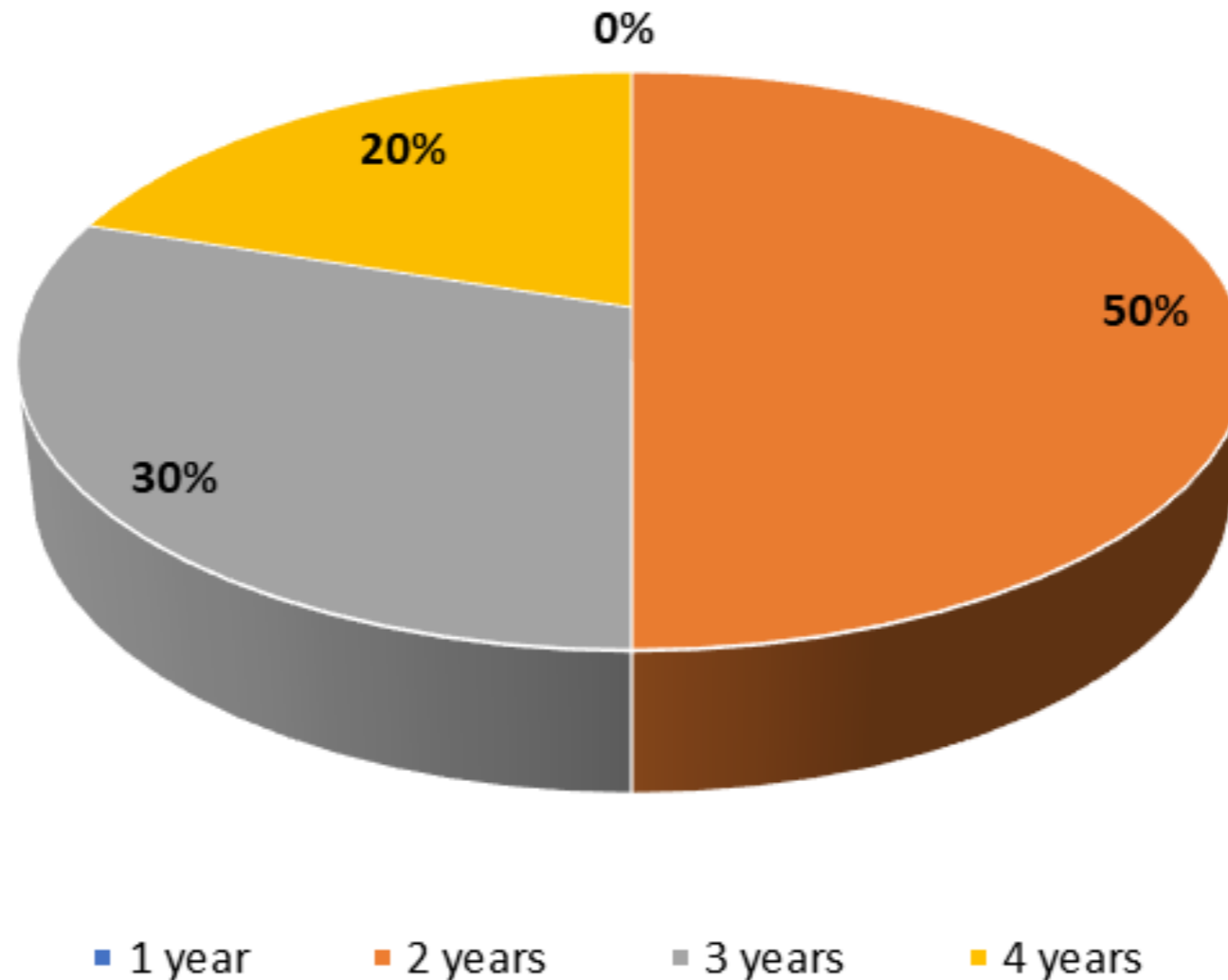
- Many hours of studies and restoration of works of art
- Practical workshop
- Internships

Did the program provide you with training?



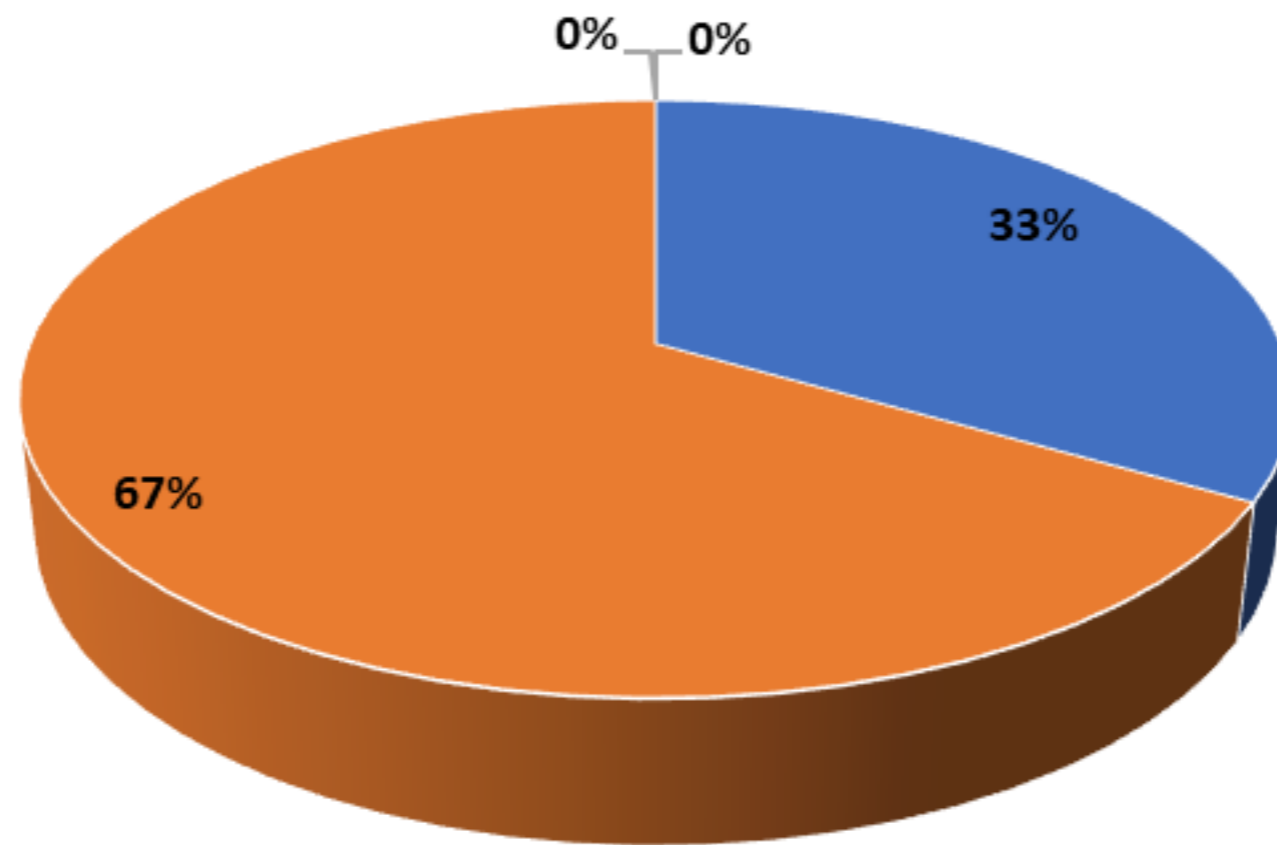
If yes, how long was the training?

how long was the training



How do you evaluate the training?

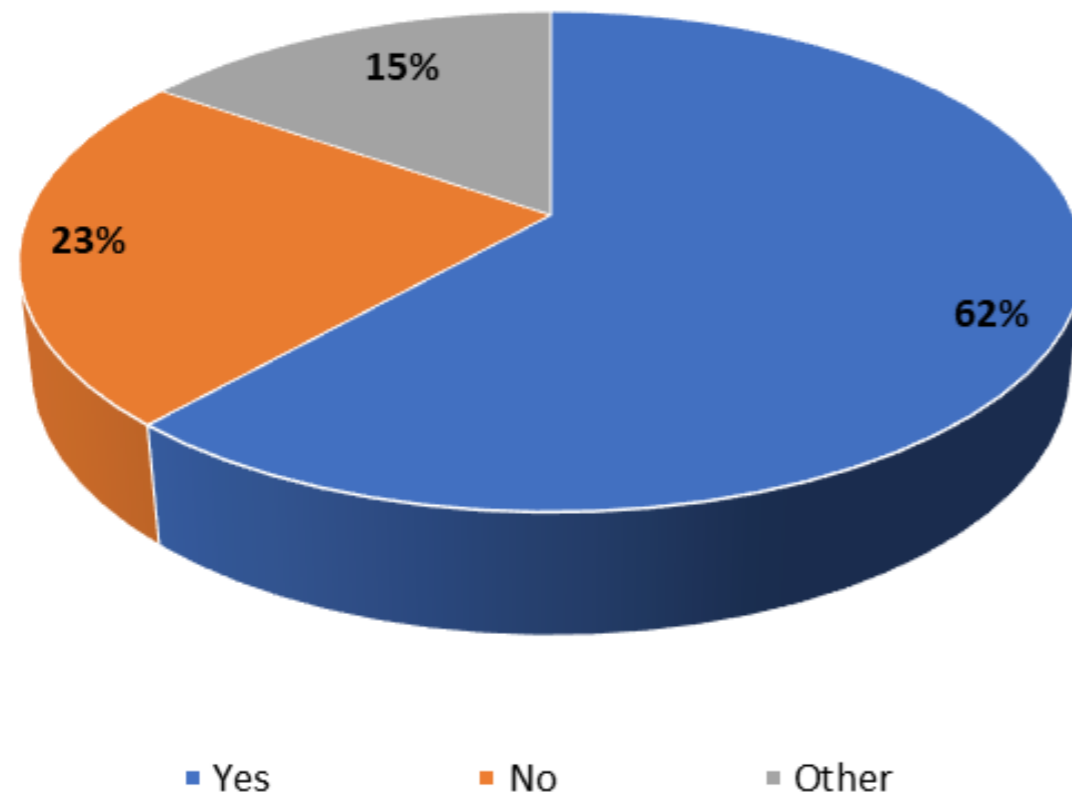
How do you evaluate the training?



■ Excellent ■ Very good ■ Good ■ Average

Were the courses and the training enough to prepare you well for your current job?

Were the courses and the training enough to prepare for work?



Other:

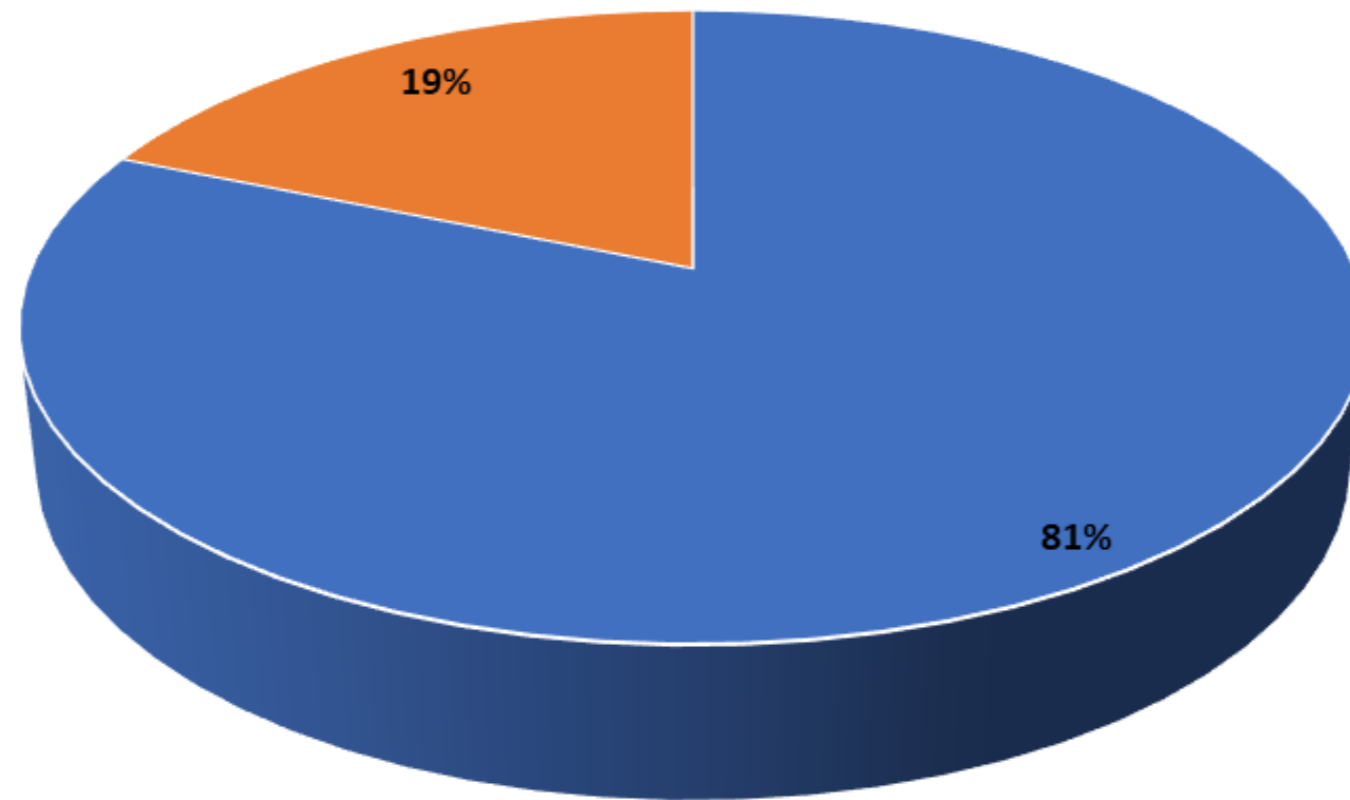
- Yes, but I had to do other activities to gain more knowledge and skills
- Yes, but I do not work
- No, because I am not working
- No, because I chose to work in the art field but in a different area

What are your recommendations to improve the program you graduated from?

Questionnaire	Granting University/ Institution	Recommendations to improve the program	Questionnaire	Granting University/ Institution	Recommendations to improve the program
1	Opificio delle pietre dure, Firenze	<ul style="list-style-type: none"> • Sharing and researching together with other institutions at an international level 	9	University of Florence	<ul style="list-style-type: none"> • Increase laboratories
2	University of Florence	No info	10	University of Florence	<ul style="list-style-type: none"> • More specific arguments
3	University of Florence	No info	11	University of Florence	<ul style="list-style-type: none"> • Not repeat the same argument in two different exams • More attention on prepare us to the future job
4	University of Florence	No info	12	Regional restoration course (Tuscany)	no info
5	University of Florence	<ul style="list-style-type: none"> • Increase internship opportunities • Improve job placement • Improve degree programme wirth more... 	13	University of Florence	<ul style="list-style-type: none"> • Bring me to the site I studied
6	University of Florence	No info	14	University of Bologna	<ul style="list-style-type: none"> • Give me more details about the future job situation • Establish a mechanism by which graduates meet potential employers soon after they get the degree • Reshape some of the academic curricula to match better the job market requirements and needs
7	University of Florence	No info	15	University of Florence	more practical
8	Opificio delle pietre dure, Firenze	No info	16	Politechnic of Milan	<ul style="list-style-type: none"> • Increase laboratories

Did the program include material about heritage education?

Did the program include material about heritage education?

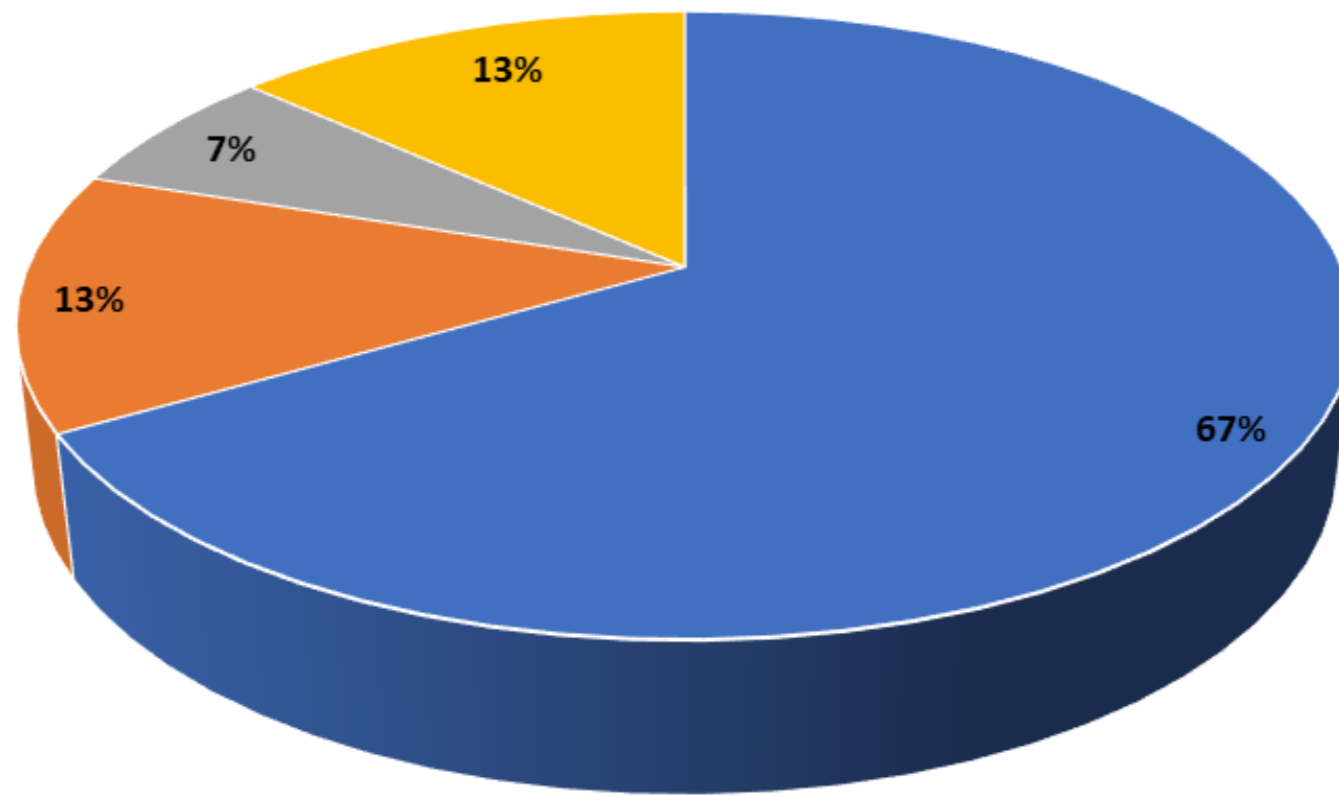


■ Yes

■ No

How did you learn about heritage education?

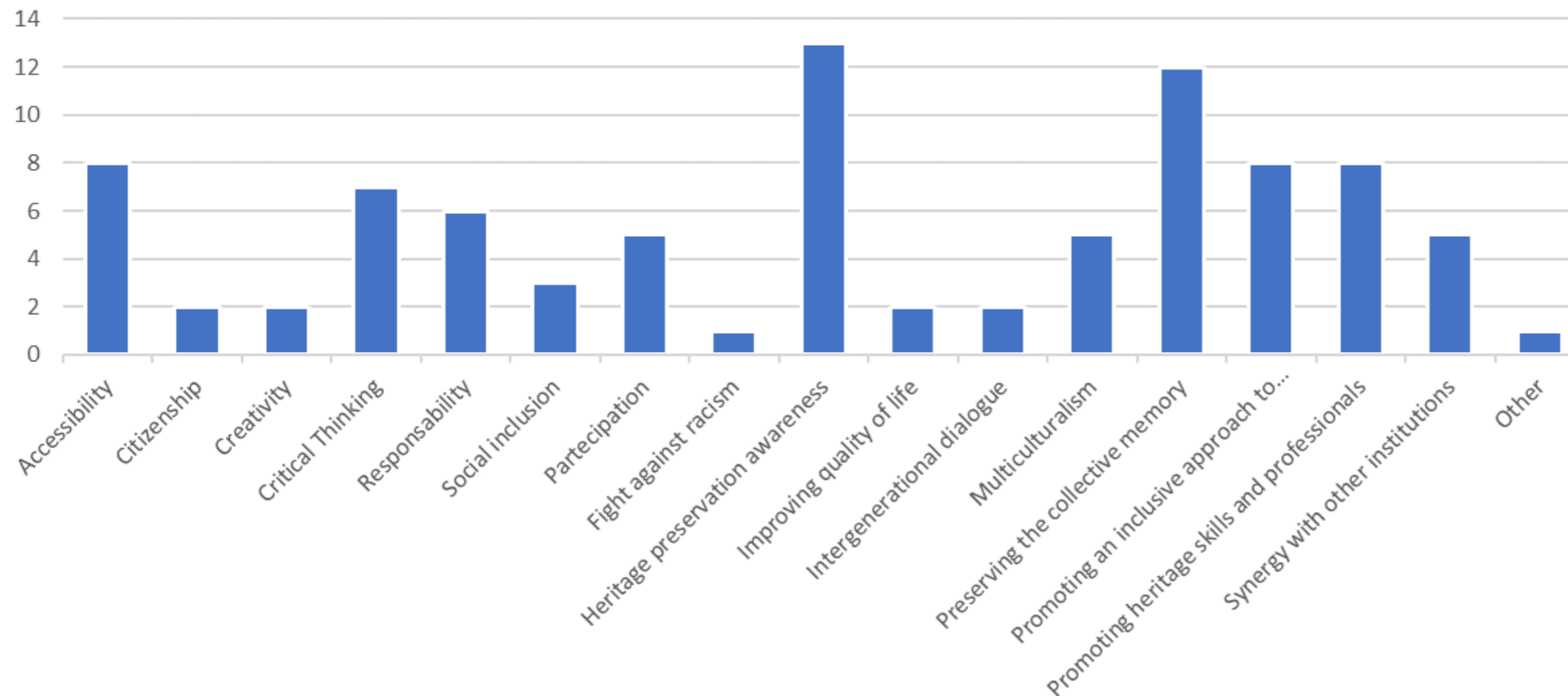
How did you learn about heritage education?



- More than one course
- One course
- Part of a course
- A Training

Which of the following topics have you been tackling during your heritage studies/education activities?

What are the teaching methods used in the program

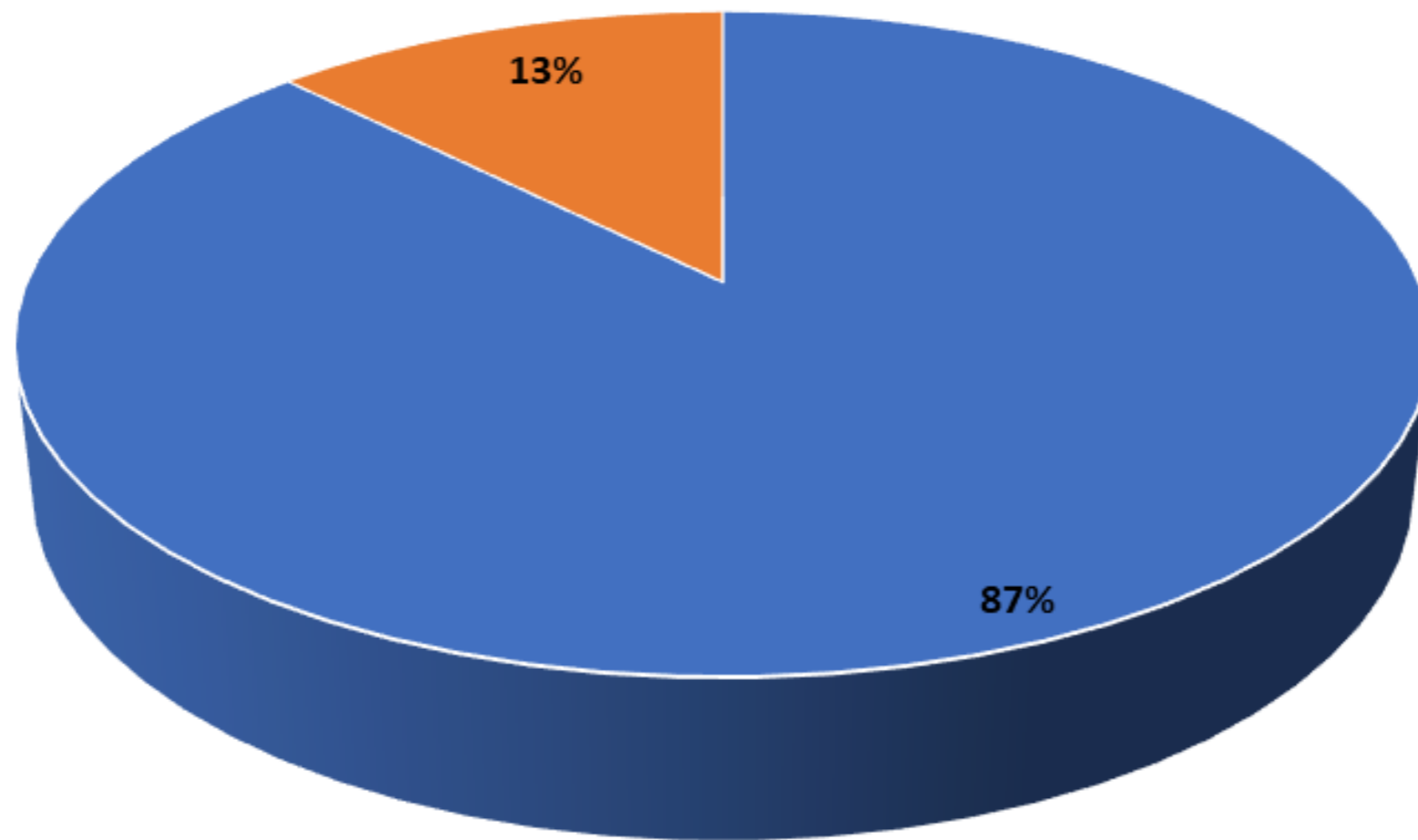


Other:

- conservation and restoration of artwork

According to what you've learnt about heritage education, do you see yourself qualified to work as a cultural heritage education professional?

do you see yourself qualified to work

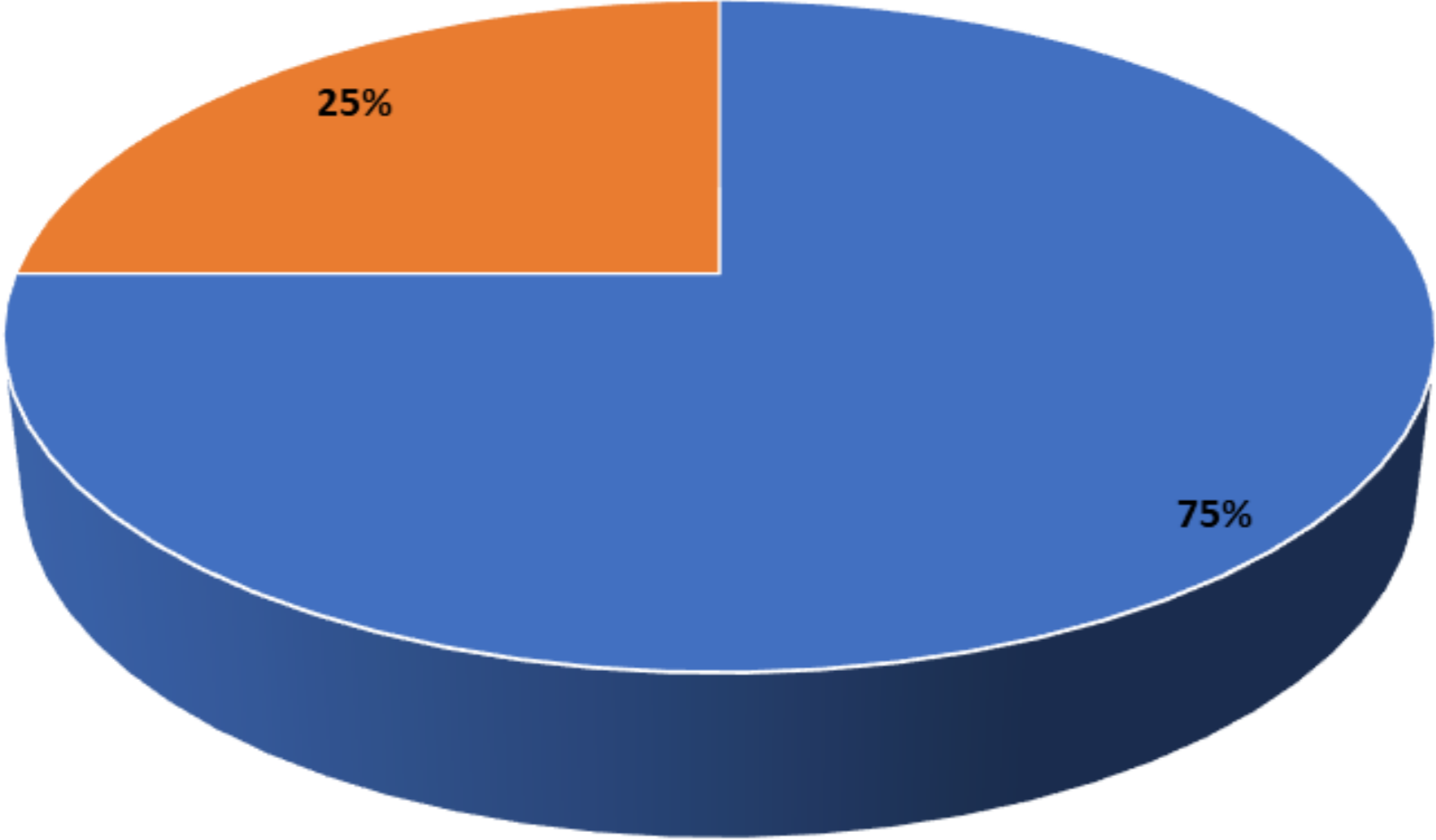


■ Yes

■ No

Are you prepared to work with different target groups/audiences that vary according to age, level of education, interests...etc?

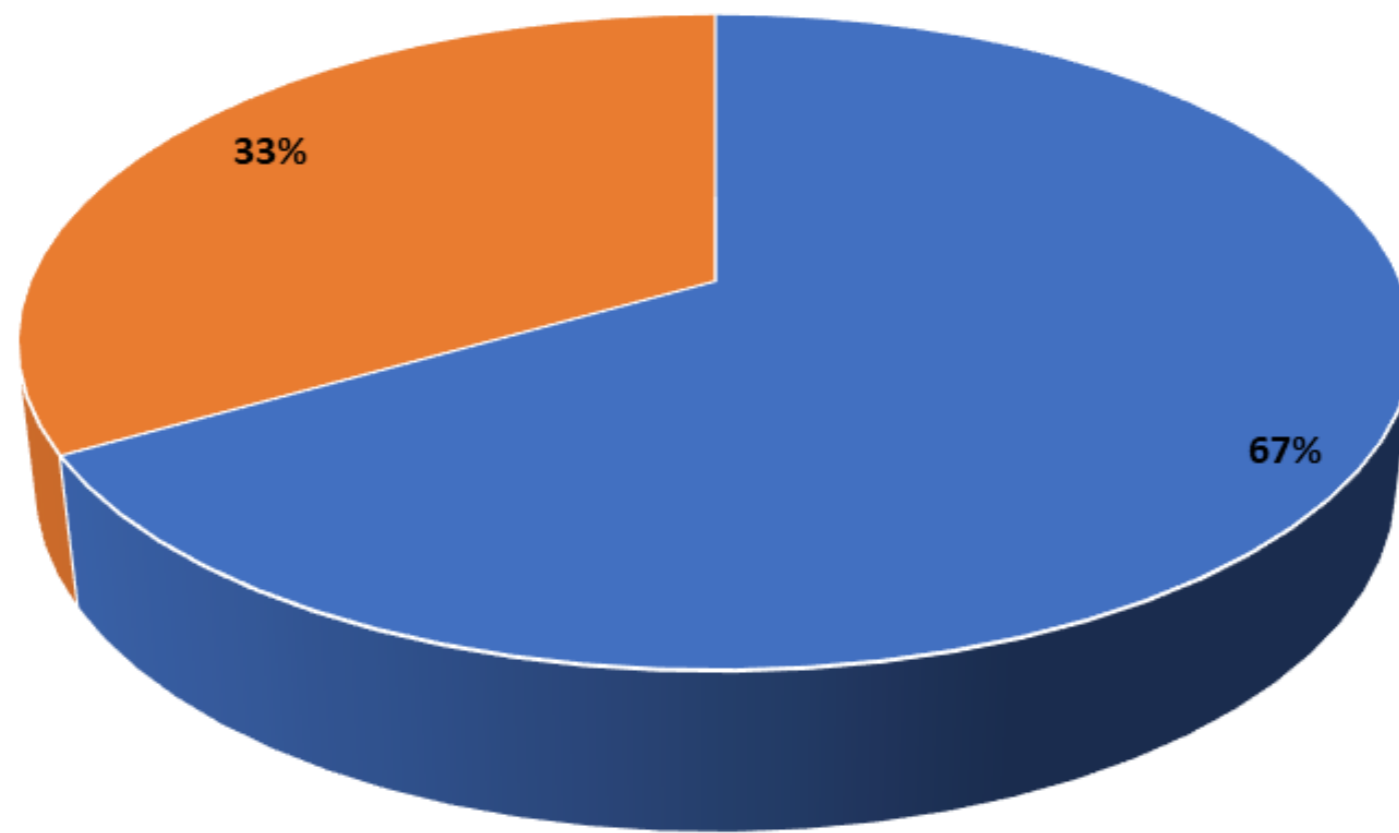
Are you prepared to work with different target groups



■ Yes ■ No

Are you able to design an education program that can fulfil the mission and vision of your workplace and be relevant to people?

Are you able to design an education program

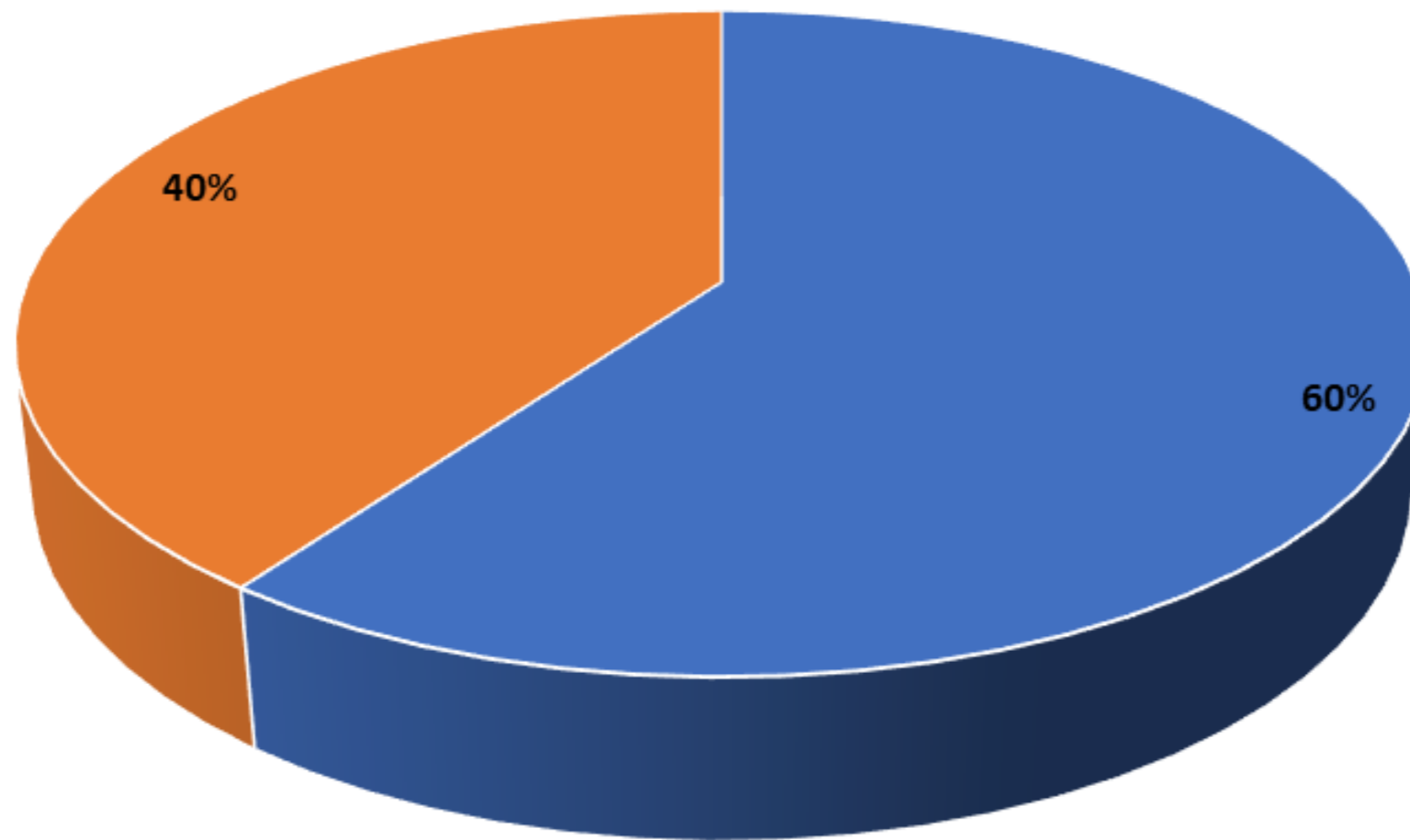


■ Yes

■ No

Are you able to design an education program that can cover the main learning outcomes and also be relevant to the needs and interests of people?

Are you able to design an education program that can cover the main learning

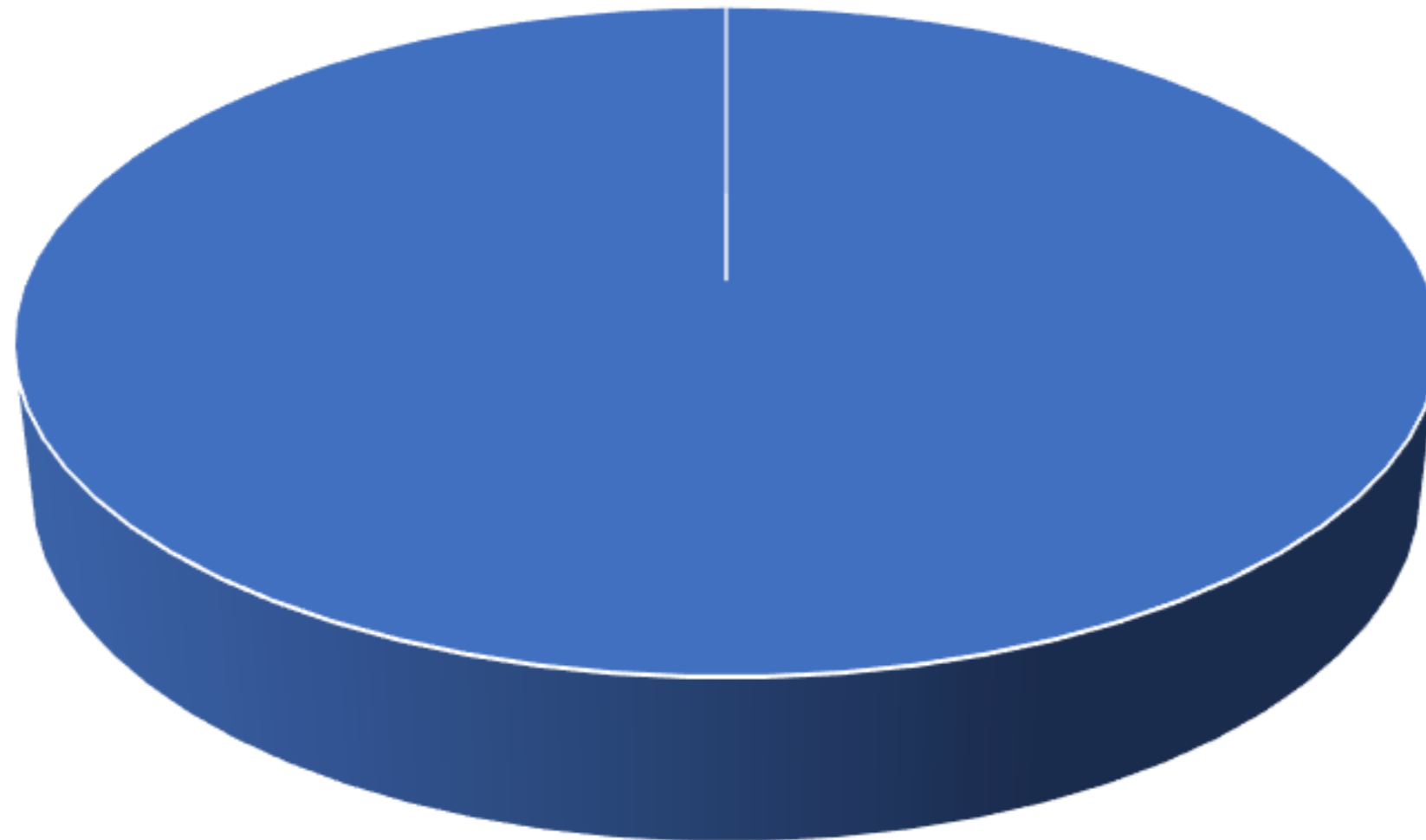


■ Yes

■ No

Do you think cultural heritage could be integrated in education at schools and universities?

cultural heritage could be integrated in education

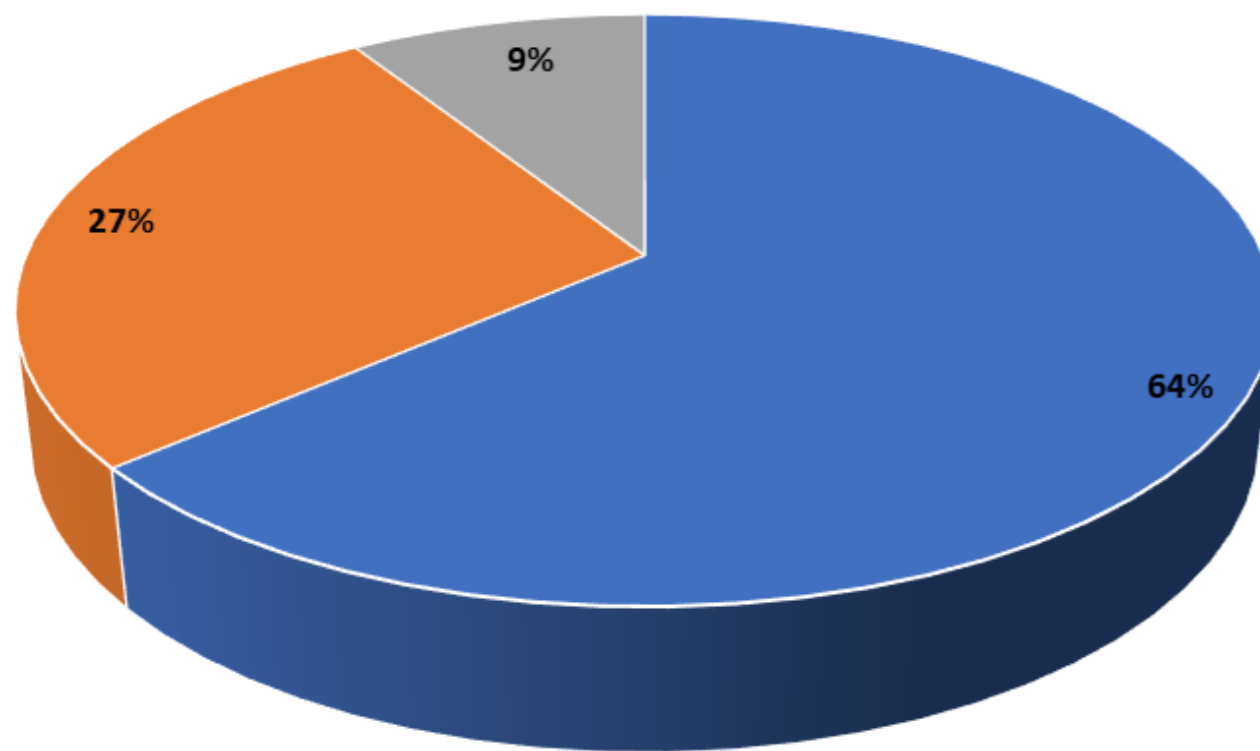


■ Yes

■ No

If yes, and based on your experience, how cultural heritage could be best integrated in education?

how cultural heritage could be integrated



- As a subject in its own
- As a fertile source of activities for other subjects
- Other

Other:

- With a small general training with free choice of study