

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: HANDS-ON TRAINING IN ACTIVE CONSERVATION OF ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>11 ECTS</b>
<b>Practical training</b>			
<b>Hours: 12 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Application of intervention systems and techniques for the conservation and restoration of archaeological assets. Execution of suitable conservation and restoration treatments through real works. Report preparation.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T13	Searching for excellence and quality in one's own professional activity.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G4	Determining exams or specific analyses and evaluating their results.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G7	Designing conservation and restoration systems and treatments		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G15	Knowing the occupational hazards and safety and health measures and standards, and their application to the restorer, the cultural assets, and the environment.		
G16	Evaluating the effectiveness of the treatments performed.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of archaeological assets and their constituent materials via examination, identification, analysis, and valuation.		
SA2	Deciding and executing treatments of conservation and restoration for the speciality assets adapted to each case, implementing the acquired knowledge, criteria, technical procedures, and abilities and skills.		
SA4	Planning, documenting, and monitoring the process of conservation and restoration of archaeological assets, applying the relevant work methodology.		
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to archaeological heritage.		

SA 8	Elaborating a critical analysis of the methodology, treatments, and materials used, and evaluating the effectiveness of the intervention carried out.
SA10	Using the resources that new technologies facilitate for the development of professional practice.
<b>TEACHING UNITS</b>	
1. Copper and its alloys. Diagnosis, proposals, and execution of treatments.	
2. Iron and its alloys.	
3. Lead, tin, and their alloys.	
4. Silver, gold, and their alloys.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: HANDS-ON TRAINING IN ACTIVE CONSERVATION OF ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>11 ECTS</b>
<b>Practical training</b>			
<b>Hours: 12 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Application of intervention criteria, systems, and techniques for the conservation and restoration of archaeological assets. Execution of suitable conservation and restoration treatments, using real works, or occasionally scale models. Report preparation.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T13	Searching for excellence and quality in one's own professional activity.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G4	Determining exams or specific analyses and evaluating their results.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G7	Designing conservation and restoration systems and treatments		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G15	Knowing the occupational hazards and safety and health measures and standards, and their application to the restorer, the cultural assets, and the environment.		
G16	Evaluating the effectiveness of the treatments performed.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of archaeological assets and their constituent materials via examination, identification, analysis, and valuation.		
SA2	Deciding and executing treatments of conservation and restoration for the speciality assets adapted to each case, implementing the acquired knowledge, criteria, technical procedures, and abilities and skills.		
SA4	Planning, documenting, and monitoring the process of conservation and restoration of archaeological assets, applying the relevant work methodology.		
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to archaeological heritage.		

SA 8	Elaborating a critical analysis of the methodology, treatments, and materials used, and evaluating the effectiveness of the intervention carried out.
SA10	Using the resources that new technologies facilitate for the development of professional practice.
<b>TEACHING UNITS</b>	
1. Stone. Diagnosis, proposals, and execution of the treatments..	
2. Mural painting.	
3. Mosaic.	
4. Construction materials.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: ACTIVE CONSERVATION TECHNIQUE OF ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>3 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Study of the alterations to establish diagnostics and treatment proposals. Definition of the applicable intervention criteria. Methodologies and specific techniques of cons. and rest.			
<b>TRANSVERSAL COMPETENCES</b>			
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T4	Using information and communication technologies efficiently.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T13	Searching for excellence and quality in one's own professional activity.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G3	Recognising and identifying the alterations of the cultural asset and the causes of its deterioration to assess the state of conservation.		
G4	Determining exams or specific analyses and evaluating their results.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G6	Achieving critical knowledge about the methodology, action strategies, treatments, and use of materials for conservation and restoration.		
G7	Designing conservation and restoration systems and treatments.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of archaeological assets and their constituent materials via examination, identification, analysis, and valuation.		
<b>TEACHING UNITS</b>			
1. Metals used in antiquity.			
2. General treatments applicable to metals.			
3. Copper and its alloys.			
4. Iron and its alloys.			
5. Lead, tin, and their alloys.			
6. Silver, gold, and their alloys.			

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: ACTIVE CONSERVATION TECHNIQUE OF ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>3 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Study of the alterations to establish diagnostics and treatment proposals. Definition of the applicable intervention criteria. Specific methodologies and techniques for conservation and restoration.			
<b>TRANSVERSAL COMPETENCES</b>			
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T4	Using information and communication technologies efficiently.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T13	Searching for excellence and quality in one's own professional activity.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G3	Recognising and identifying the alterations of the cultural asset and the causes of its deterioration to assess the state of conservation.		
G4	Determining exams or specific analyses and evaluating their results.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G6	Achieving critical knowledge about the methodology, action strategies, treatments, and use of materials for conservation and restoration.		
G7	Designing conservation and restoration systems and treatments.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of archaeological assets and their constituent materials via examination, identification, analysis, and valuation.		
<b>TEACHING UNITS</b>			
0. Review.			
1. Introduction.			
2. Degradation of materials. Stone, mural, and mosaic, adobe and earth materials, archaeological buildings.			
3. Curative conservation and restoration treatments.			
4. Archaeological sites.			

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: PREVENTIVE CONSERVATION TECHNIQUE OF ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>2 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Students must know the criteria and techniques for the preventive control of archaeological assets, which delay or eliminate post-excavation degradation, from the excavation to the museum environment.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T13	Searching for excellence and quality in one's own professional activity.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G3	Recognising and identifying the alterations of the cultural asset and the causes of its deterioration to assess the state of conservation.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G6	Achieving critical knowledge about the methodology, action strategies, treatments, and use of materials for conservation and restoration.		
G7	Designing conservation and restoration systems and treatments.		
G9	Knowing and applying professional deontology and regulations related to cultural assets and their conservation and restoration.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G16	Evaluating the effectiveness of the treatments performed.		
G17	Determining and applying the appropriate conditions for the preventive conservation of the cultural asset in situ, on display, in storage, in the transfer, or in the deposit.		



G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>	
SA9	Designing action protocols for on-site maintenance, storage, exhibition, handling, packaging, and transportation of cultural assets related to the speciality, to guarantee their integrity and adequate conservation.
<b>TEACHING UNITS</b>	
1. Principles of preventive action in archaeology.	
2. Urgent actions on site.	



<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
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<b>SUBJECT: PREVENTIVE CONSERVATION TECHNIQUE OF ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: Conservation and restoration of archaeological materials</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>2 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Students must know the criteria and techniques for the preventive control of archaeological assets, which delay or eliminate post-excavation degradation, from the excavation to the museum environment.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T13	Searching for excellence and quality in one's own professional activity.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G3	Recognising and identifying the alterations of the cultural asset and the causes of its deterioration to assess the state of conservation.		
G5	Determining the intervention criteria and deciding the most appropriate prevention, conservation, and/or restoration treatment.		
G6	Achieving critical knowledge about the methodology, action strategies, treatments, and use of materials for conservation and restoration.		
G7	Designing conservation and restoration systems and treatments.		
G9	Knowing and applying professional deontology and regulations related to cultural assets and their conservation and restoration.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G16	Evaluating the effectiveness of the treatments performed.		
G17	Determining and applying the appropriate conditions for the preventive conservation of the cultural asset in situ, on display, in storage, in the transfer, or in the deposit.		

G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>	
SA9	Designing action protocols for on-site maintenance, storage, exhibition, handling, packaging, and transportation of cultural assets related to the speciality, to guarantee their integrity and adequate conservation.
<b>TEACHING UNITS</b>	
1. Packaging and transportation.	
2. Specific recommendations on archaeological organic materials.	
3. Specific recommendations on inorganic archaeological materials.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: THEORY AND PRACTICE OF THE TECHNIQUES OF ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: Technology and procedures of cultural assets.</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>4 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 4 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Theory and practice of the different procedures and techniques of archaeological assets for their application in conservation and restoration. Methodology and materials. Identification of techniques. Knowledge and execution of the different processes of production of the cultural asset. Copy and reproduction methods.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T13	Searching for excellence and quality in one's own professional activity.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G8	Developing abilities, skills, and sensitivities to apply and perform conservation and restoration treatments.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G15	Knowing the occupational hazards and safety and health measures and standards, and their application to the restorer, the cultural assets, and the environment.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to archaeological heritage.		
SA10	Using the resources that new technologies facilitate for the development of professional practice.		



## TEACHING UNITS

1. Metal types and physical-chemical characteristics. Melting temperatures.
2. Metallic alloy types and physical-chemical characteristics.
3. Elastic moulds by casting and contact.
4. Positives in melting wax.

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: THEORY AND PRACTICE OF THE TECHNIQUES OF ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: Technology and procedures of cultural assets.</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>4 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 4 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Theory and practice of the different procedures and techniques of archaeological assets for their application in conservation and restoration. Methodology and materials. Identification of techniques. Knowledge and execution of the different processes of production of the cultural asset. Copy and reproduction methods.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T13	Searching for excellence and quality in one's own professional activity.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G8	Developing abilities, skills, and sensitivities to apply and perform conservation and restoration treatments.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G15	Knowing the occupational hazards and safety and health measures and standards, and their application to the restorer, the cultural assets, and the environment.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to archaeological heritage.		
SA10	Using the resources that new technologies facilitate for the development of professional practice.		

## TEACHING UNITS

1. The traditional materials and tools of mosaic and mural painting.
2. Support bases.
3. Tiles.
4. Mortars.
5. Sketches and templates.
6. Tile cutting and adaptation. Glueing.
7. Types of supports for mural paint.
8. Specific mortars and pigments.
9. Sketches and templates. Enlargement and reduction.
10. Preparation of the sessions.

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: GRAPHIC DOCUMENTATION TECHNIQUES FOR ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: Documentation of cultural assets</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>2 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Application of specific photographic techniques for the documentation and diagnosis of archaeological materials. Formulation of specific lighting techniques for archaeological assets. Working method in digital photography. Organisation and editing of images. Development and processing of digital images.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work..		
T4	Using information and communication technologies efficiently.		
T7	Using communication skills and constructive criticism in teamwork.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T13	Searching for excellence and quality in one's own professional activity.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G9	Knowing and applying professional deontology and regulations related to cultural assets and their conservation and restoration.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA4	Planning, documenting, and monitoring the process of conservation and restoration of archaeological assets, applying the relevant work methodology.		

SA10	Using the resources that new technologies facilitate for the development of professional practice.
<b>TEACHING UNITS</b>	
1. Work environment. General adjustments.	
2. Technical-scientific photography applied to archaeological cultural assets.	
3. Digital techniques applied to archaeological cultural assets.	
4. Organisation of images. Work method.	
5. Image processing techniques. Image adjustment and treatment. Settings prior to output.	



<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: GRAPHIC DOCUMENTATION TECHNIQUES FOR ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: Documentation of cultural assets</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>2 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Principles and techniques of graphic documentation methods for archaeological cultural assets. Application to diagnosis, conservation, and restoration.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work..		
T4	Using information and communication technologies efficiently.		
T7	Using communication skills and constructive criticism in teamwork.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T13	Searching for excellence and quality in one's own professional activity.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G9	Knowing and applying professional deontology and regulations related to cultural assets and their conservation and restoration.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA4	Planning, documenting, and monitoring the process of conservation and restoration of archaeological assets, applying the relevant work methodology.		



SA10	Using the resources that new technologies facilitate for the development of professional practice.
<b>TEACHING UNITS</b>	
1. Practical application of graphic techniques for the documentation and diagnosis of archaeological assets.	
2. Introduction to digital photogrammetry.	
3. Modelling and texturing.	
4. Output and broadcast.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: TECHNIQUES FOR THE SCIENTIFIC STUDY OF ARCHAEOLOGICAL MATERIALS AND ITS ALTERATIONS I</b>			
<b>Department: Characterization and diagnosis of cultural assets</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>2 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Morphological analysis of the constituent materials of archaeological assets and their alterations.			
Elemental analysis of the constituent materials of archaeological assets and their alterations.			
Analysis of the compounds of the constituent materials of archaeological assets and their alterations.			
Laboratory analysis of the constituent materials of archaeological assets and their alterations.			
<b>TRANSVERSAL COMPETENCES</b>			
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of sculptural assets and their constituent materials via examination, identification, analysis, and valuation.		
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		

SA7	Investigating the sculptural cultural heritage, in regards to the evolution, constitution, and causes of deterioration of said cultural assets, as well as in relation to the working methodology of conservation-restoration of sculptural works.
SA 8	Elaborating a critical analysis of the methodology, treatments, and materials used, and evaluating the effectiveness of the intervention carried out.
<b>TEACHING UNITS</b>	
1.- I introduction to analytical techniques.	
2.- Optical microscope.	
3.- X-ray fluorescence.	
4.- LIBS.	
5.- Chromatographic techniques.	
6.- Mass spectrometry.	
7.- Laboratory practices.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: TECHNIQUES FOR THE SCIENTIFIC STUDY OF ARCHAEOLOGICAL MATERIALS AND ITS ALTERATIONS II</b>			
<b>Department: Characterization and diagnosis of cultural assets</b>			
<b>Basic training</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>2 ECTS</b>
<b>Theoretical and practical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Morphological analysis of the constituent materials of archaeological assets and their alterations.			
Elemental analysis of the constituent materials of archaeological assets and their alterations.			
Analysis of the compounds of the constituent materials of archaeological assets and their alterations.			
Laboratory analysis of the constituent materials of archaeological assets and their alterations.			
<b>TRANSVERSAL COMPETENCES</b>			
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T15	Working autonomously and assessing the importance of personal initiative and entrepreneurial spirit in professional practice.		
T16	Using the means and resources at one's own disposal with responsibility towards cultural and environmental heritage.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G18	Documenting any data derived from the study and process of the conservation and restoration treatments that contributes to facilitating the understanding and knowledge of the cultural asset.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA1	Diagnosing the alterations of sculptural assets and their constituent materials via examination, identification, analysis, and valuation.		
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		

SA7	Investigating the sculptural cultural heritage, in regards to the evolution, constitution, and causes of deterioration of said cultural assets, as well as in relation to the working methodology of conservation-restoration of sculptural works.
SA 8	Elaborating a critical analysis of the methodology, treatments, and materials used, and evaluating the effectiveness of the intervention carried out.
<b>TEACHING UNITS</b>	
1. Electron microscopy.	
2. Atomic absorption spectroscopy, AAS.	
3. Inductively coupled plasma optical emission spectroscopy, ICP-OES.	
4. Inductively coupled plasma mass spectroscopy, ICP-MS.	
5. X-ray diffraction, XRD.	
6. Fourier-transform infrared spectroscopy.	
7. Raman spectroscopy.	
Laboratory practices.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: HISTORY OF ARCHAEOLOGICAL ASSETS I</b>			
<b>Department: History, valuation, and classification of cultural assets</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>4 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 3 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Introduction to the theory, historiography, and methodology of archaeology. Development of world, European and peninsular prehistory, with special attention to the nearest cultural assets (Galician cultural heritage). Approach to the basic archaeological practice (prospecting), as well as to prehistoric technology.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T4	Using information and communication technologies efficiently.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G10	Knowing the historical evolution of the concept of the cultural asset, the conservation-restoration criteria, and the main relevant institutions in heritage conservation.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G19	Knowing and applying research resources: scientific methodology, documentary and historiographical sources, analysis, interpretation, and synthesis of results.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		

SA11	Investigating the sculptural cultural heritage from the historical point of view, from its documentary sources, its material, functional, or symbolic evolution, as well as its adaptation to the conservation-restoration works of cultural assets. Knowledge of the main methods and techniques of historical research applied to the conservation-restoration of cultural as
<b>TEACHING UNITS</b>	
1. Introduction to archaeological methodology.	
2. Human evolution.	
3. Prehistoric technology I.	
4. Neolithic.	



<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: HISTORY OF ARCHAEOLOGICAL ASSETS II</b>			
<b>Department: History, valuation, and classification of cultural assets</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>4 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 3 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Introduction to the theory, historiography, and methodology of recent prehistory and protohistory. The Age of Metals and world, European and peninsular protohistory, with special attention to the nearest cultural assets (Galician cultural heritage). Approach to the basic archaeological practice (prospecting), as well as to prehistoric technology.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T4	Using information and communication technologies efficiently.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G2	Knowing and identifying the material composition of the cultural asset and the procedures and techniques used in its preparation.		
G10	Knowing the historical evolution of the concept of the cultural asset, the conservation-restoration criteria, and the main relevant institutions in heritage conservation.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G19	Knowing and applying research resources: scientific methodology, documentary and historiographical sources, analysis, interpretation, and synthesis of results.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		

SA11	Investigating the sculptural cultural heritage from the historical point of view, from its documentary sources, its material, functional, or symbolic evolution, as well as its adaptation to the conservation-restoration works of cultural assets. Knowledge of the main methods and techniques of historical research applied to the conservation-restoration of cultural as
<b>TEACHING UNITS</b>	
1. Basics of recent prehistory and protohistory.	
2. Archaeological methodology.	
3. Recent prehistory.	

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: ICONOGRAPHY, ICONOLOGY, AND TYPOLOGY I</b>			
<b>Department: History, valuation, and classification of cultural assets</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 1st</b>	<b>2 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Introduction to iconographic studies and methods. Study of the main sources, characteristics and iconographic types of Greek and Roman mythologies, as well as their correct temporal and spatial contextualisation. Recognition and classification of the main events, characters, and constituents of Greek-Roman mythology in the different cultural assets. Application to the conservation-restoration of archaeological assets.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T4	Using information and communication technologies efficiently.		
T8	Developing ideas and arguments in a reasonable and critical way.		
T9	Fitting in properly in multidisciplinary teams and different cultural contexts.		
T11	Developing professional ethics based on aesthetic and environmental appreciation and sensitivity, focusing on diversity.		
T14	Mastering the research methodology in the generation of viable projects, ideas, and solutions.		
T17	Contributing one's own professional activity to social awareness on the importance of cultural heritage, its impact on different fields, and its ability to generate significant values.		
<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
G11	Achieving the ability to collaborate and work as a team with other professionals, establishing the appropriate mechanisms of understanding and interdisciplinary dialogue.		
G19	Knowing and applying research resources: scientific methodology, documentary and historiographical sources, analysis, interpretation, and synthesis of results.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		
SE10	Using the resources that new technologies facilitate for the development of professional practice.		

## TEACHING UNITS

1- Introduction to iconographic studies and their methodology. Panofsky. Allegory, symbolism, and iconology in modern times (Ripa and others). Cronus-Saturn-Time as a diachronic example.

2. Greek myths: concept, definition, and types. Sources for their study. The interpretation of myths throughout the centuries.

3. The Greek Gods: genealogies, attributes, and main iconographic cycles. The Olympic pantheon. Other minor gods.

4. Heroic cycles. The Trojan War, the Nostoi, the Argonauts, etc.

5. Other legends and myths of relevance to the disciplines of archaeology and prehistory.

<b>BACHELOR DEGREE IN CONSERVATION AND RESTORATION OF CULTURAL ASSETS</b>			
<b>Higher School of Cultural Assets Conservation and Restoration of Galicia</b>			
<b>SUBJECT: ICONOGRAPHY, ICONOLOGY, AND TYPOLOGY II</b>			
<b>DEPARTMENT: HISTORY, VALUATION, AND CLASSIFICATION OF CULTURAL ASSETS</b>			
<b>Compulsory for specialisation</b>	<b>Year: 3rd</b>	<b>Four-months: 2nd</b>	<b>2 ECTS</b>
<b>Theoretical</b>			
<b>Hours: 2 hours per week</b>			
<b>DESCRIPTION OF THE SUBJECT</b>			
Study of the main sources, characteristics, and iconographic types of the Christian world, as well as its correct temporal and spatial contextualisation. Recognition and classification of the main episodes, characters, and constituent elements of Christianity in the different cultural assets. Application to the conservation-restoration of archaeological assets.			
<b>TRANSVERSAL COMPETENCES</b>			
T1	Organizing and planning work in an efficient and motivating way.		
T2	Collecting relevant information and its proper analysis, synthesis, and management.		
T3	Solving problems and making decisions that meet the goals of the work.		
T4	Using information and communication technologies efficiently.		
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<b>GENERAL COMPETENCES OF THE DEGREE</b>			
G1	Contextualising the cultural asset, understanding its meaning as documentary evidence to be respected and transmitted.		
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G19	Knowing and applying research resources: scientific methodology, documentary and historiographical sources, analysis, interpretation, and synthesis of results.		
G20	Having the ability to obtain, present, and disseminate information on cultural assets and the methodology of conservation-restoration processes.		
<b>SPECIFIC COMPETENCES OF THE SPECIALITY OF ARCHAEOLOGY</b>			
SA5	Establishing an interdisciplinary dialogue with other professionals in the field of cultural heritage, in particular with regard to sculptural heritage.		
SE10	Using the resources that new technologies facilitate for the development of professional practice.		

## TEACHING UNITS

1. Introduction to Christian iconography. Sources and historical evolution.
2. Old and New Testament: most important elements and representations.
3. Christian typology and main biblical representations in the Paleo-Christian and the early Middle Ages.
4. Other elements of importance in Christian iconography.
5. Introduction to archaeological typology.
6. Archaeological and historical ceramic typology.
7. Introduction to numismatics.