









# Faculty of Conservation and Restoration of Works of Art

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**Course Title**

Painting I

**Course Code**

KZ/S/J/KM/NK/11, KZ/S/J/KT/NK/9, KZ/S/J/KG/NK/12

**Course Tutor(s)**

dr hab. Zuzanna Tomasz-Krynicka, adi. dr Kacper Ziółkowski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			4	4	2	2				
Theory/Practice			P	P	P	P				
Hours per Week			8	8	4	4				
Assessment Form			Exam	Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students should obtain a credit for Year 1 of study.
- Successful selection of the studio and course enrolment.

**Final requirements**

1. Submission of painting completed made during classes and as programme assignments in the winter and summer semesters of every year, on which the course credit is based.
2. Selection and presentation of works at the end-of-year exhibition, summing up the artistic achievements of students.

**Assessment criteria**

1. The ability to observe, express and record nature.
2. The artistic quality of the painting works produced by the student.
3. Commitment to the art project undertaken on the course.

**Course aims**

The main objective of teaching painting is for the student to learn the complicated process of creating the work, referring to the observation of the visible world and related personal emotions. It amounts to enrichment of their own physical or tactile experience, developing aesthetic sensitivity, overcoming limitations, bad habits, and searching for their own original artistic response.

*The language of instruction is Polish; classes could be taught in English.*



**Course Title**

Painting II

**Course Code**

KZ/S/J/KM/NK/12, KZ/S/J/KT/NK/10, KZ/S/J/KG/NK/13

**Course Tutor(s)**

adi. dr Maciej Wojciechowski, as. mgr Agnieszka Wielgosz

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			4	4	2	2				
Theory/Practice			P	P	P	P				
Hours per Week			8	8	4	4				
Assessment Form			Exam	Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1 of study.

**Final requirements**

1. Submission of painting work completed during classes and as programme assignments in the winter and summer semesters of every year, on which the course credit is based.
2. Selection and presentation of works at the end-of-year exhibition, summing up the artistic achievements of students.

**Assessment criteria**

1. Consistent work rate and commitment.
2. Individual development.
3. Artistic and technological value of painting choices.

**Course aims**

- Doskonalenie umiejętności posługiwania się środkami malarskimi.
  - Ogólny rozwój wyobraźni i wrażliwości plastycznej.
  - Poznanie złożoności procesu twórczego.
  - Poszerzenie percepcji wzrokowej i sprawności manualnej.
1. Improving the student's competence in employing painterly means.
  2. The overall development of imagination and visual sensibility.
  3. Understanding the complexity of the creative process.
  4. Expanding visual perception and manual dexterity.

*The language of instruction is Polish; classes could be taught in English.*

## Course Title

Drawing and Painting

## Course Code

KZ/S/J/KM/NK/14, KZ/S/J/KG/NK/15, KZ/S/J/KT/NK/12, KZ/S/J/KR/NK/14  
KZ/S/J/KM/NK/12, KZ/S/J/KT/NK/10, KZ/S/J/KG/NK/13

## Course Tutor(s)

dr hab. Zuzanna Tomasz-Krynicka, prof. Marian Nowiński, as mgr Łukasz Zedlewski.

KZ/S/J/KM/NK/14, KZ/S/J/KG/NK/15, KZ/S/J/KT/NK/12, KZ/S/J/KR/NK/14

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4	4								
Theory/Practice	P	P								
Hours per Week	8	8								
Assessment Form	PE	PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KM/NK/12, KZ/S/J/KT/NK/10, KZ/S/J/KG/NK/13

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4	4								
Theory/Practice	P	P								
Hours per Week	8	8								
Assessment Form	PE	PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

Students should pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art.

## End-of-course requirements

- Completion of paintings and drawings in the field of study and assignments in the winter and summer semesters (nude, still life, interior, painted and drawn sketches, a drawn copy).
- The selection and presentation of paintings and drawings made by the student are all subject to assessment by the Faculty Examination Board in the winter semester and the summer semester.
- Presentation of selected paintings and drawings at the end-of-year exhibition.

## Assessment criteria

1. The student's ability to observe, express and record nature.
2. The degree to which the student can independently overcome challenges.
3. Openness in finding and using a variety of means of expression.
4. Commitment and attendance.

**Course aims**

The aims of the course for first-year students are:

- Improving manual skills.
- Getting to know the tools of the trade, and drawing and painting techniques.
- Discovering the laws ordering and interpreting perceived reality.
- Developing aesthetic sensibility and imagination.
- Searching for appropriate means of expression.
- Overcoming limitations and bad habits.

*The language of instruction is Polish; classes could be held in English.*

## Course Title

Drawing – drawing and monumental forms

## Course Code

KZ/S/J/KM/NK/14, KZ/S/J/KG/NK/15, KZ/S/J/KT/NK/12, KZ/S/J/KR/NK/14

## Course Tutor(s)

dr hab. Grzegorz Stachańczyk, prof. ASP

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			3	3	3	3				
Theory/Practice			P	P	P	P				
Hours per Week			6	6	6	6				
Assessment Form			Exam	Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

- Students need to obtain a credit for Year 1.
- Successful selection of the studio and enrolment.

## End-of-course requirements

1. Students should create a set of drawings from course assignments at the studio for end-of-semester reviews, in the winter and summer semesters.
2. Work in the form of sketches that are the realisation of a creative assignment completed outside the studio, using a wide range of subjects from mythology to the present day.
3. Students who perform the best at their creative exercise will be able to realise it in the form of large format single- or multi-element work on movable supports.

## Assessment criteria

1. The technical and artistic value of the student's drawings and compositional exercises.
2. The degree of the student's involvement in the programme.
3. Evaluation of the student's creativity and skills along with the selection of artistic means they prefer and the final form of the work.
4. The logical reasoning and knowledge displayed by the student within the context of assignments (this is assessed during conversations and classroom discussions).

## Course aims

Students studying on the course:

1. Study the complexity of the human body, its shapes and mechanisms of functioning.
2. Become familiar with issues of drawing technique and technology, and the ability to use them in practice.
3. Understand the process by which an artist constructs a coherent creative expression, from sketch to the drawing studio.
4. Improve their manual skills.
5. Develop their artistic imagination by understanding and making practical use of concepts: observation – interpretation.
6. Develop their creativity and individual student expression based on the realisation of large format, single or multiple works on movable supports with the possibility of using specific interiors or specific spaces.

*The language of instruction is Polish; classes could be held in English.*

## Course Title

Drawing –composition design and drawing

## Course Code

KZ/S/J/KM/NK/14, KZ/S/J/KG/NK/15, KZ/S/J/KT/NK/12, KZ/S/J/KR/NK/14

## Course Tutor(s)

dr hab. Artur Krajewski, prof. ASP

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			3	3	3	3				
Theory/Practice			P	P	P	P				
Hours per Week			6	6	6	6				
Assessment Form			Exam	Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

1. Students studying on the course should obtain a credit for Year 1.
2. Students need to select a studio, sign up for classes and choose a programme.
3. Students should be prepared to give a brief presentation outlining what they themselves offer and expect.
4. Students should provide a presentation of their works and creative achievements.

## Final requirements

1. Competent use of art techniques, in particular the ability to use manual drawing (charcoal, pencil, ink).
2. Efficient use of computer techniques employing specialised software (Photoshop, Illustrator, Corel).
3. The ability to use the principles of composition.
4. The ability to make an informed choice of artistic means used in art and design.
5. Self-assessment.
6. Students should complete a series of drawing works as part of their semester assignments.
7. The ability to create an original theme – from idea to realisation.
8. The ability to arrange their own works in an exhibition space.
9. Good presentation skills (graphic boards, poster, PowerPoint, web pages, etc.).

## Assessment criteria

1. Demonstration of deliberate use of the tools of a technical designer and the relevant technical skills.
2. Demonstration of the ability to creatively interpret reality (composition with a model, still life).
3. By the end of the course students should have developed their own recognizable style, supported by skilled use of technology.
4. Demonstration of independent thinking and creativity.
5. The overall impression of the student's work in a semester.
6. The artistic value of the presented works.

**Course aims**

1. The course teaches students basic skills in drawing techniques and technology.
2. Students learn the concepts relevant to designing and art practice.
3. The course teaches the basic theoretical knowledge used in design practice.
4. Students gain the ability to interpret the world, observe and record it creatively.
5. The course allows students to develop a distinctive individual style and original creative notation.

*The language of instruction is Polish..*

**Course Title**

Methodology of Conservation and Restoration

**Course Code**

KZ/S/J/KM/NK/17

**Course Tutor(s)**

st. wykł. mgr Marcin Kozarzewski, as. mgr Marta Zaborowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	3	3								
Theory/Practice	T/P	T/P								
Hours per Week	3	4								
Assessment Form	PE	PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art (Year 1).

**Final requirements**

1. Panel review (obtaining credit) of practical assignments performed on dummies (semester 1).
2. Students should obtain a credit for preliminary documentation of their conservation work (semester 2).

**Assessment criteria**

- The knowledge and logical reasoning displayed by the student.
- Practical skills, manual dexterity and artistic skills.
- The independence of the student's work.
- Degree of commitment to the realisation of the conservation programme.

**Course aims**

Theory and practice are taught in parallel:

1. Students become familiar with the theory of preservation and conservation of cultural goods, the issues of philosophy and aesthetics, the definitions of basic concepts and binding legal norms.
2. Students become adept at employing the methodology for conservation.
3. The course provides students with a basic knowledge of the technical structure and technology of producing works of art.
4. Students become familiar with the general principles of conservation plan, and the basics of the appropriate documentation of conservation.

*The language of instruction is Polish; practical classes could be held in English or French.*



**Course Title**

Introduction to Conservation and Restoration (I)

**Course Code**

KZ/S/J/KG/NK/18, KZ/S/J/KM/NK/16, KZ/S/J/KR/NK/16, KZ/S/J/KT/NK/15

**Course Tutor(s)**

prof. dr hab. Iwona Szmelter, dr hab. Krzysztof Chmielewski, prof. ASP, dr hab. Joanna Czernichowska, prof. ASP, asyst. mgr Jan Morzycki- Markowski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	1									
Theory/Practice	T									
Hours per Week	1									
Assessment Form	Exam									
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to have passed the entrance examination to the Faculty of Conservation and Restoration of Works of Art (Year 1).

**Final requirements**

Students should pass an end-of-semester examination, common to all specialisations:  
*Introduction to Conservation and Restoration of Works of Art* (semester 1).

**Assessment criteria**

The knowledge and capacity for logical reasoning that the student demonstrates.

**Course aims**

Students become familiar with conservation issues and the conservation process. The course introduces students to the practice of conservation. It also prepares them for independent interpretation of the structure of a work of art and evaluation of the state of preservation (according to the outline in the conservation documentation).

*The language of instruction is Polish..*

## Course Title

Conservation and Restoration of Easel Painting (I)

## Course Code

KZ/S/J/KM/KK/2

## Course Tutor(s)

prof. dr hab. Iwona Szmelter, adi. dr hab. Joanna Czernichowska, prof. ASP, adi. dr Monika Jadzińska, asyst. mgr Łukasz Wojtowicz

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1/6	1/4	2/6	2/4				
Theory/Practice			T/P	T/P	T/P	T/P				
Hours per Week			1/6	1/7	1/6	1/7				
Assessment Form			PWG	PE	PWG	PE				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

Year 2 – Students should pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art (Year 1).

Year 3 – Students need to pass the panel review following Year 2.

## Final requirements

Students need to obtain a credit for an individual conservation project.

Final examination after Year 2; course material (classes) and theory (lectures).

Students should obtain a credit for a mandatory placement at a museum, after Year 2.

## Assessment criteria

### Theory:

- Level of competence and ability to display logical reasoning.
- The ability to choose appropriate methods of conservation.
- Multimedia presentation of the developed project (degree of thoroughness in the discussion of the topic, selection of illustrative material, form and manner of presentation).
- Participation; individual approach and public presentation of seminar papers..

### Practice:

- Practical skills, manual and artistic.
- The originality of the student's work.
- Degree of involvement in the realisation of the conservation programme.

## Course aims

Theory and practice are conducted in parallel.

5. Learning about the techniques and technology employed in easel painting.
6. Acquiring the ability to assess the degree of preservation of an object and to formulate the objectives of the conservation project as well as documenting the work.
7. Preparing students for independent conservation and restoration of easel paintings.
8. Introducing students to the ethics of the profession.

9. Becoming familiar with the current standards of conservation.
10. Preparing students to use scientific research.

*Lectures only in Polish; class practice possible in English.*

**Course Title**

Conservation and Restoration of Easel Painting (II)

**Course Code**

KZ/S/J/KM/KK/2

**Course Tutor(s)**

prof. dr hab. Joanna Szpor, adi. dr hab. Anna Dorota Potocka, asyst. mgr Katarzyna Górecka

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1/6	1/4	2/6	2/4				
Theory/Practice			T/P	T/P	T/P	T/P				
Hours per Week			1/6	1/7	1/6	1/7				
Assessment Form			PWG	PE	PWG	PE				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Year 2 – students should pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art (Year 1).

Year 3 – students need to pass a panel examination following Year 2.

**Final requirements**

- Obtaining a credit for an individual conservation project.
- Final examination after Year 2 : course material (classes) and theory (lectures).
- Obtaining a credit for mandatory residency at a museum, after Year 2.

**Assessment criteria**Theory:

- Level of competence and the ability to display logical reasoning.
- The ability to choose appropriate methods of conservation.
- Multimedia presentation of the developed project (degree of thoroughness in the discussion of the topic, selection of illustrative material, form and manner of presentation).
- Participation; individual approach and public presentation of seminar papers.

Practice:

- Practical skills, manual and artistic.
- The originality of the student's work.
- Degree of involvement in the realisation of the conservation programme.

**Course aims**

Theory and practice are conducted in parallel.

1. Learning about the techniques and technology of easel painting.
2. Acquiring the ability to assess the degree of preservation of the object and to formulate objectives of the conservation project as well as documenting the work.
3. Preparing students for independent conservation and restoration of easel paintings.
4. Introducing students to the ethics of the profession.
5. Becoming familiar with the current standards of conservation.

6. Preparing students to use scientific research.

*Lectures are only in Polish; class practice possible in English or French.*

## Course Title

Conservation and Restoration of Panel Painting and Polychrome Wooden Sculpture

## Course Code

KZ/S/J/KM/KK/1

## Course Tutor(s)

prof. dr hab. Maria Lubryczyńska, dr hab Krzysztof Chmielewski, prof. ASP, asyst. mgr Jan Andrzejewski, asyst. mgr Julia Burdajewicz, asyst. mgr Jan Morzycki- Markowski, inż. Jacek Cypel.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							5/6	3/4	13	8
Theory/Practice							T/P	T/P	P	P
Hours per Week							3,5/2	4/2	7,5	8
Assessment Form							Exam	Exam	Exam	Exam
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

Students should obtain a course credit for Year 3 of the second-cycle programme.

## Final requirements

### Theory:

- A written examination on the course content.

### Practice:

- Original conservation and restoration of a selected work, as instructed by the tutors.
- Performing specialized tests of the object under conservation during classes, in cooperation with the Department of Specialist Research and Documentation Techniques.
- Photographic and descriptive documentation of the progress of work and final documentation of conservation.

## Assessment criteria

### Theory:

- The knowledge and logical reasoning students display regarding the specialization in the context of an interdisciplinary education (lectures, seminars).
- The quality of the student's multimedia presentation on a specific topic in the field of conservation and restoration of artwork.

### Practice:

- The quality of the student's conservation work.
- Degree of involvement in the realisation of the conservation programme.

## Course aims

Theory (lectures) and practice are taught separately (practical classes with elements of theory). Students on the course can expect the following:

1. Gaining expertise in technology and manufacturing techniques and the history of paintings on wood and metal supports and wooden polychrome sculptures.

2. Gaining the ability to analyze the kinds and causes of deterioration of objects, and the problems of their conservation and restoration, including the ability to plan conservation and restoration work.
3. Becoming familiar with the issues in restoration: retouching layers of paint, the ability to assess the historical value of the object, including the non-original elements, patina and other changes in a work of art.
4. Understanding the different embodiments of restoration work through a teacher-student dialogue.

*Theory is taught in Polish. Practical classes could be taught in English.*

**Course Title**

Legal and Financial Aspects of Preparing a Financial Project

**Course Code**

KZ/S/J/KM/KU/30, KZ/S/J/KG/KU/35, KZ/S/J/KR/KU/34, KZ/S/J/KT/KU/29

**Course Tutor(s)**

wykl. mgr Marcin Kozarzewski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits										1
Theory/Practice										T
Hours per Week										1
Assessment Form										Exam
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for semester 9.

**Final requirements**

Written examination on the course content.

**Assessment criteria**

The knowledge and logical reasoning displayed by the student.

The student's independence.

The ability to interact and work in a team.

**Course aims**

The course is theoretical in nature.

1. Students become familiar with the market for conservation work in Poland.
2. Students gain fundamental knowledge of the rules and methods applied when preparing basic documents that are essential in conservation and restoration projects. This entails formal applications to the relevant authorities of the state administration.
3. Gaining the ability to estimate and value conservation work in the chosen field of specialization.

*Lectures in Polish; didactic dialogue possible in English.*



**Course Title**

History of Heritage Preservation

**Course Code**

KZ/S/J/KM/KU/28; KZ/S/J/KR/KU/30; KZ/S/J/KG/KU/31; KZ/S/J/KT/KU/27

**Course Tutor(s)**

dr hab. Krzysztof Chmielewski, prof. ASP

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							3			
Theory/Practice							T			
Hours per Week							2			
Assessment Form							Exam			
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for Year 3 of the second-cycle programme.

**Final requirements**

Final examination.

**Assessment criteria**

The degree of competence in the history of the protection of works of art and monuments, as taught during the course, based on the final written exam. It tests the student's degree of knowledge of basic facts, important names, contemporary trends in the evolution of views on the preservation of monuments, and understanding their causes.

**Course aims**

Acquiring fundamental knowledge of the history of the preservation of works of art and monuments in Europe (architecture, sculpture, painting), manifestations of preservation in classical antiquity, the Middle Ages, modern times; becoming familiar with the development of modern thought on the preservation of monuments in the nineteenth and twentieth centuries, and selected facts as to the preservation of monuments in Poland 18th-20th c.

*The language of instruction is Polish.*

**Course Title**

Interdepartmental Studio "NOVUM" of the Preservation and Conservation of Modern and Contemporary Art

**Course Code**

KZ/S/J/KM/KK/4, KZ/S/J/KG/KK/5, KZ/S/J/KR/KK/4, KZ/S/J/KT/KK/2

**Course Tutor(s)**

prof. dr hab. Iwona Szmelter

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									2	2
Theory/Practice									T/P	T/P
Hours per Week									2	2
Assessment Form									Pass	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students should obtain a credit for Year 4 of the second-cycle programme.
- Students need to select the studio and enrol on the course.

**Final requirements**

Students need to produce their own individual conservation project.

**Assessment criteria**Theory:

1. Demonstrating a sound basic knowledge of the subject and logical reasoning.
2. Being capable of independent planning of their preservation project and of the conservation programme.
3. Creative and responsible involvement in the student's own project and conservation programme 'NOVUM'.

Practice:

1. Samodzielność pracy studenta przy obiektach nietypowej spuścizny najnowszej. The independence of the student's work on unusual recent art objects.
2. Independent preparation of the proper documentation of the student's work.

**Course aims**

Parallel theory and practice.

1. The student knows how to preserve the latest visual arts heritage artefacts and can independently perform the conservation and restoration of such objects - both in terms of theory and elements of practice.
2. By the end of the course students begin to understand the ethics of the profession, and should know the relevant standards.
3. Students are prepared to use scientific research; possess the skills of recognising and independently assessing an artefact; students can interview the artist, make queries at museums, libraries and archives in order to compile the historical background of the painting under conservation (the author's workshop, artistic community).
4. Understanding the specifics of conservation of unusual materials, e.g. plastics.

*The language of instruction is Polish; didactic dialogue could be held in English.*

**Course Title**

Conservation and Restoration of Archaeological and Ethnographic Heritage

**Course Code**

KZ/S/J/KM/KK/4, KZ/S/J/KG/KK/5, KZ/S/J/KR/KK/4, KZ/S/J/KT/KK/2

**Course Tutor(s)**

dr hab. Krzysztof Chmielewski prof. ASP, dr hab. Jacek Martusewicz prof. ASP, dr hab. Joanna Czernichowska prof. ASP, asyst. mgr Julia Burdajewicz, asyst. mgr Anna Tomkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									2	2
Theory/Practice									T	T/P
Hours per Week									2	2
Assessment Form									Pass	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students should obtain a course credit for Year 4 of the second-cycle programme.
- Selection of a studio and successful enrolment.

**Final requirements**Theory:

Attendance at lectures, with a limit of three absences a semester.

Practice:

Realisation of assigned work as advised by the tutor. Compiling the documentation of conservation work.

**Assessment criteria**Theory:

Based on a written test on the content of lectures, class attendance and participation.

Practice:

Manual skills, observation skills and technical quality of conservation work. The quality of the student's documentation of conservation work.

**Course aims**

The objective of the theoretical lectures is to provide systematic knowledge related to:

- the special characteristics of conservation work on an archeological site;
- the principles of safe exploration and protection of archaeological sites;
- the special characteristics of works made of different materials;
- conservation issues regarding various types of ethnographic monuments, including open-air museums/*skansen* museum.

The objective of the practical classes is to teach pre-treatment cleaning and protection of archaeological finds excavated from the ground (ceramic, metal, stone and other materials) and the conservation of selected ethnographic monuments along with the ability to document these pieces.

*The language of instruction is Polish; practical classes could be taught in English.*

**Course Title**

Conservation and Restoration of Wall Paintings

**Course Code**

KZ/S/J/KM/KK/3

**Course Tutor(s)**

dr hab. Paweł Marek Jakubowski, prof. ASP, as. mgr Maciej Baran, as. mgr Maria Liadis

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits				1/1	2/2		1		5	
Theory/Practice				T/P	T/P		T		P	
Hours per Week				1/3	1/3		2		4	
Assessment Form				PWG/ Exam	PWG/ Exam		PWG		PWG	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need a course credit for a mandatory panel review after Year 1 (Year 2).

**Final requirements**

Performing conservation of an object, and its full documentation (Years 2 and 3).

Written work on a selected topic and its multimedia presentation (Year 4).

Group conservation (fieldwork) of an object, and its full documentation (Year 5).

**Assessment criteria**

1. The knowledge acquired at lectures is checked and evaluated on the basis of written tests and oral examinations.
2. Assignments with their documentation are assessed on the basis of the course and outcome of work.
3. The correctness of procedures of the treatment and the overall aesthetic impression.
4. Seminar practice is evaluated depending on the student's class participation, their approach to the topic in their own presentation, and the content of written work developed on the basis of individually acquired material.

**Course aims**

1. Students acquire theoretical knowledge concerning some general issues in conservation.
2. Gaining practical skills – manual conservation practice through practical exercises.
3. Developing skills in using source literature and to formulate thoughts, and giving good presentations of selected topics in the field of the conservation of wall paintings.

*Theoretical classes are conducted in Polish; practical classes can be held in English.*

## Course Title

Conservation and Restoration of Wall Paintings – Conservation and Restoration and Transfer of Wall Paintings.

## Course Code

Kod przedmiotu: KZ/S/J/KM/KK/3

## Course Tutor(s)

prof. dr hab. Andrzej Mazur, asyst. Mgr. Maciej Baran

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits								2/6		1/3
Theory/Practice								P/T		P/T
Hours per Week								2/6		¼
Assessment Form								PWG/ Exam		PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

Students need the knowledge and skills necessary for the satisfactory completion of seven semesters at the Faculty of Conservation and Restoration of Works of Art, Academy of Fine Arts in Warsaw.

## Final requirements

1. Performing a transfer of a wall painting, and its full documentation (Year 4).
2. Collective conservation of a historic object as conservation practice (Year 4).
3. Passing an exam after the completion of a series of lectures on the theory of conservation of wall painting. (Year 4).
4. Writing a paper on a selected topic and its multimedia presentation (Year 5)
5. Making an inventory copy of the wall painting (Year V).

## Assessment criteria

1. Written tests and oral examinations.
2. Assignments, with their documentation, are assessed on the basis of the course and outcome of work.
3. The correctness of procedures and the overall aesthetic impression.
4. Seminars are assessed depending on the student's activity in class, their approach to the topic in their own presentation, and the content of written work based on original research material.

## Course aims

1. The aim of the course is to provide students with theoretical knowledge concerning general issues of conservation and to teach practical skills - manual conservation skills through practical exercises.
2. Developing the skills of using source literature and formulating thoughts, and presenting selected topics in the field of conservation of wall paintings.

3. Learning to formulate conservation programmes and preventive conservation of works of wall painting.
4. Choosing the methods and means for the preservation and conservation of buildings taking into consideration their impact on wall paintings.

*Theoretical classes are conducted in Polish; practical classes can be held in English.*



**Course Title**

Technology of wall painting – techniques and technology of construction and levelling supports of wall decorations

**Course Code**

KZ/S/J/KM/NK/20, KZ/S/J/KR/NK/20

**Course Tutor(s)**

st. wykł. dr Andrzej Łojaszczyk, dr hab. Tytus Sawicki, prof. ASP, asyst. mgr Kinga Lubarska

KZ/S/J/KM/NK/20

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4								4	
Theory/Practice	T								P	
Hours per Week	4								4	
Assessment Form	PE								PWG	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KR/NK/20

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4									
Theory/Practice	T									
Hours per Week	4									
Assessment Form	PE									
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students should pass the entrance examination to the Faculty of Conservation and restoration of Works of Art (Year 1).
- There is a mandatory panel review after Year 1 (Year 2), which has to be passed.

**End-of-course requirements**

1. Students need to pass the final examinations after the first and second semesters of Year 1, with the main focus of these papers being the content of lectures.
2. Students should complete assignments in the techniques of wall painting and wall decorations (Years 1, 2, 3 and 5).
3. Students on the course need to complete a team conservation project of a historic object as part of their conservator practice (Years 3 and 4).
4. Students should receive a passing grade in the final “absolutorium” examination, qualifying them for degree-level work (Year 5).

**Assessment criteria**

1. The knowledge acquired during lectures is checked and assessed on the basis of written tests, oral tests and examinations.

2. Assignments are evaluated on the basis of the course and outcome of the student's work and their commitment to that work. The assessed tasks are: a design (colour carton in scale 1:1), the correct execution of the different stages of creating a wall decoration (e.g. preparation of coating, preliminary drawing, underpainting, etc.), and the final overall aesthetic impression.

### **Course aims**

The aim of the course is to provide the student with theoretical knowledge in the historical development of architectural forms, changing techniques and technologies of making old construction supports and leveling supports. In particular the student should:

1. Identify and evaluate the condition of the construction support being examined. This is achieved by determining any threats to the entire architectural object, which houses an old or contemporary wall painting.
2. Identify and define the causes of the damage brought about by improper technical and technological execution of construction supports and coatings.
3. Be familiar with the old materials used to make construction supports and wall decorations.
4. Be able to describe the historic construction support and levelling support in terms of technique and technology.
5. Be able to determine the approximate date of a historic wall painting based on the techniques and technology employed during its making.

*The language of instruction is Polish.*

**Course Title**

Techniques and Technology of Historic Wall Paintings

**Course Code**

KZ/S/J/KM/NK/20, KZ/S/J/KR/NK/20,

**Course Tutor(s)**

dr hab. Tytus Sawicki prof. ASP, st. wykł. Andrzej Łojszczyk, asyst. mgr Kinga Lubarska

KZ/S/J/KM/NK/20

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits		1/2	3			3				
Theory/Practice		T/P	P			P				
Hours per Week		4	4			4				
Assessment Form		PWG, PE	PWG			PWG				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KR/NK/20

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits		1/2								
Theory/Practice		T/P								
Hours per Week		4								
Assessment Form		PWG, PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students need to pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art (Year 1).
- Students should gain validation in a mandatory panel review after Year 1 (Year 2).

**Final requirements**

Students should pass the final examinations in the History of the Techniques of Wall Painting after the second semester of Year 1.

Completing assignments in the techniques of wall painting and wall decorations (sgraffito glue technique, tempera, limestone technique, the Byzantine technique, frescoes, mosaics), (Years 1, 2 and 3).

Completing a team conservation of a historic artefact as part of conservator practice (Years 3 and 4).

**Assessment criteria**

The knowledge acquired during lectures is checked and assessed on the basis of written tests and an oral examination.

Students produce a design for a wall decoration (colour carton in scale 1:1).

The correct execution of the different stages of creating a wall decoration.

Crucial importance is placed upon the overall final aesthetic impression.

**Course aims**

During the lectures and classes the student is given theoretical knowledge concerning the historical development of the techniques of wall decorations and practical skills in performing various techniques on the wall. The aim of the course is:

1. Familiarising the student with the appropriate knowledge of materials and the ways it can be used to perform different techniques.
2. Teaching practical skills – manual activities needed to complete the assignments in techniques of monumental painting.
3. Developing skills in using bibliographic sources and formulating thoughts, and presenting selected topics within the techniques and technology of wall painting.

*The language of instruction is Polish, practical classes could be held in English.*

**Course Title**

Copy – Miniature on Parchment

**Course Code**

KZ/S/J/KG/NK21

**Course Tutor(s)**

st. wykł. Anna Zalewska-Falińska, st. wykł. Andrzej Radomski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2				
Theory/Practice					P	P				
Hours per Week					4	4				
Assessment Form					Pass	PWG				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for Year 2 of study.

**Final requirements**

1. Making a copy of miniature paintings on parchment from a manuscript or old print, in direct contact with the historic artefact, in accordance with the original technique and technology. Classes are held at the Department of Special Collections, National Library in Warsaw.
2. Compiling proper descriptive documentation (technical and technological) of the process used to make the copy.

**Assessment criteria**

1. Accuracy and the final artistic and aesthetic impression of the copy (truth to the original).
2. The result of the student's technical work and ability to use the appropriate technology.
3. Creativity and conscientiousness at work.
4. Outcome of technical and technological work.

**Course aims**

The aim of the course is to provide students with knowledge of historical painting and gilding techniques found in manuscript illuminations. Course assignments are designed to improve practical skills and broaden the student's knowledge of the structure of the technological layers of historic objects. Making technical and technological copies of miniatures on parchment permits them to trace the emergence of this type of work in practice and refine their practical skills.

*The language of instruction is Polish.*

**Course Title**

Copy — Watercolour

**Course Code**

KZ/S/J/KG/NK/21

**Course Tutor(s)**

prof. Jerzy Nowosielski, dr Piotr Stefanow

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							3	3		
Theory/Practice							P	P		
Hours per Week							4	4		
Assessment Form							Pass	PWG		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Credit for year 3 of study.

**Final requirements**

Making a copy of a watercolour painting in direct contact with the historic artefact itself, according to the original technique and technology. Classes are held at the Warsaw University Library.

**Assessment criteria**

1. The results of the student's technical and technologically-advanced work.
2. The ability to visually analyze a work of art.
3. Manual skills.
4. Accuracy and the final artistic and aesthetic impression of copies made by the student (truth to the original).

**Course aims**

The aim of the course is to provide students with knowledge of historical techniques of watercolour painting through the creation of a technical and technological copy of a watercolour painting. Practical exercises help the student's perfect their practical skills and develop the manual skills necessary to perform the work of reconstruction and conservation in this kind of historic object.

*The language of instruction is Polish.*

**Course Title**

Copy – Panel Paintings

**Course Code****KZ/S/J/KM/NK/19****Course Tutor(s)**

dr hab. Aleksandra Krupska, prof. ASP, as. mgr Hanna Rokońska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					4	4				
Theory/Practice					P	P				
Hours per Week					8	8				
Assessment Form					Pass	PWG				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for the previous academic year at the student's university.

**Final requirements**

Students should obtain a credit for making a copy of a panel painting, made in direct contact with the original in accordance with its technique and technology.

**Assessment criteria**

1. Technical and technological faithfulness to the original.
2. A sense of period style.
3. Manual skills.

**Course aims**

1. Identification and practical reconstruction of the entire creative process used to create the original work being copied. This is carried out in an individually designed programme of course work.
2. Further development of manual skills and ability to read the techniques and technology of the original artefact being copied through visual analysis.
3. Drawing attention to the importance of technical and technological issues in historical artworks, especially when distinguishing genuine from repainted fragments. The course also prepares students for independent professional practice involving developing plans for conservation work.

*The language of instruction is Polish; classes could be held in English.*

**Course Title**

Copy – the Icon

**Course Code**

KZ/S/J/KM/NK/19, KZ/S/J/KF/KK/4

**Course Tutor(s)**

dr hab. Danuta Stępień prof. ASP, as. mgr Marlena Kaczorowska

KZ/S/J/KM/NK/19

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									4	4
Theory/Practice									P	P
Hours per Week									4	4
Assessment Form									Pass	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KF/KK/4

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									3	3
Theory/Practice									P	P
Hours per Week									4	4
Assessment Form									Pass	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 4 of study.

**Final requirements**

1. Students should make a copy of the icon in direct contact with the historical object itself, in accordance with its technique and technology. Classes are held at the National Museum in Warsaw.
2. Students should compile the appropriate descriptive documentation (technical and technological) of their making of the copy.
3. Students have to prepare a multimedia presentation demonstrating and illustrating the progress and results of their work on making a copy of the icon.
4. Submission of work records.

**Assessment criteria**

1. The result of technical and technological work.
2. Accuracy and the final artistic and aesthetic impression of the copy (truth to the original).
3. The ability to visually analyze a work of art.
4. Manual skills.



**Course aims**

The aim of the course is to provide students with detailed knowledge of historical painting and gilding techniques found in icons through making a technical and technological copy of the icon. Practical exercises help the student's perfect their practical skills and develop manual skills necessary to perform the work of reconstruction and conservation best suited to this kind of historic object.

*The language of instruction is Polish; classes could be held in Russian and English.*

**Course Title**

Copy — Easel Painting, 17th–20th c.

**Course Code**

KZ/S/J/KM/NK/19

**Course Tutor(s)**

prof. Jerzy Nowosielski, dr hab. Danuta Stępień, dr Piotr Stefanow, as. mgr Mateusz Jasiński

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							5	4	4	4
Theory/Practice							P	P	P	P
Hours per Week							8	8	4	4
Assessment Form							Pass	PWG	Pass	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for Year 3 of study, and a credit for Year 4 of study.

**Final requirements**

1. Students on the course should make a copy of a painting in direct contact with the original historical object, in accordance with the original technique and technology. Classes are held at the National Museum in Warsaw.
2. Students need to provide descriptive documentation (technical and technological) of their work while making the copy

**Assessment criteria**

Accuracy and the final artistic and aesthetic impression of the copy made (truth to the original).

The result of the student's technical and technological work.

The student's manual skills.

The ability to visually analyze a work of art.

**Course aims**

The aim of the course is to provide students with detailed knowledge of historical painting techniques found in paintings of the 17th–20th centuries. The exercises are designed to improve the student's practical skills and broadening the student's knowledge of the structure of technological layers (from the supporting layer through the ground layer to the layer of paint) of historic objects. Making a copy of a painting develops the manual dexterity needed for performing reconstruction and preservation work, and the ability to identify the individual layers of the original technology based on visual observation.

*The language of instruction is Polish; classes could be held in English.*

**Course Title**  
Gilding Techniques

**Course Code**  
KZ/S/J/KM/NK/21, KZ/S/J/KG/NK/22, KZ/S/J/KR/NK/21

**Course Tutor(s)**  
st. wykł. Anna Zalewska-Falińska, st. wykł. Andrzej Radomski

KZ/S/J/KM/NK/21

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1	2			4			
Theory/Practice			T/P	P			P			
Hours per Week			2	4			6			
Assessment Form			Exam	PWG			PWG			
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KR/NK/21, KZ/S/J/KG/NK/22

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1	2						
Theory/Practice			T/P	P						
Hours per Week			2	4						
Assessment Form			Exam	PWG						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

### Entry requirements

Students should obtain a credit for an assessment panel review after Year 1.

### Final requirements

1. Students need validation for the course component in materials with techniques and technology of gilding – written exam / oral exam.
2. Students need to complete practical assignments and have them graded.
3. To pass the course students need to compile descriptive documentation (technical and technological) of their assignments.

### Assessment criteria

1. The knowledge acquired in lectures and the ability to use it is checked and assessed on the basis of written / oral exams.
2. Practical exercises are assessed on the basis of the progress and outcome of work – the adequacy of technical and technological procedures performed, and the overall artistic and aesthetic impression of the work.
3. The creativity and conscientiousness at work demonstrated by the student.
4. The student's ability to think analytically.

**Course aims**

The aim of the lectures is to give students systematic theoretical knowledge (lectures, presentations) in historic and contemporary techniques and technologies of gilding. An important element of the programme are practical exercises – they let the student gain experience; help to improve their manual skills, get acquainted with a variety of past and contemporary gilding techniques and materials.

*The language of instruction is Polish..*

**Course Title**

Technology of Painting I

**Course Code**

KZ/S/J/KM/NK/18 KZ/S/J/KG/NK/20, KZ/S/J/KT/NK/18

**Course Tutor(s)**

prof. Jerzy Nowosielski, dr Piotr Stefanow, as. mgr Mateusz Jasiński

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4	4								
Theory/Practice	T/P	P								
Hours per Week	4	4								
Assessment Form	PWG	PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to pass entrance examination and admission to Year 1.

**Final requirements**

Students need validation for the course component for materials in techniques and technology of painting – oral examination.

Students need to complete practical assignments, which are graded.

**Assessment requirements**

1. An oral test checking the knowledge acquired during lectures.
2. Evaluation of practical assignments based on proper performance of technical and technological procedures and the final outcome of the student's work.
3. The student's ability to think analytically.

**Course aims**

The aim of the lectures is to give students systematic theoretical knowledge (lectures, presentations) in the field of historic painting techniques and technologies. Practice is an important element of the programme – it allows the student to gain experience, shape their manual skills and become familiar with the variety of painting techniques and materials used in the past and today.

*The language of instruction is Polish; practical classes could be held in English.*

**Course Title**

Technology of Painting II

**Course Code**

KZ/S/J/KM/NK/18, KZ/S/J/KG/NK/20

**Course Tutor(s)**

dr hab. Aleksandra Krupska, prof. ASP, as. mgr Hanna Rokońska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			3	2						
Theory/Practice			T/P	P						
Hours per Week			4	4						
Assessment Form			PWG	PWG/ Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need an official validation credit for the previous academic year at their home university.

**Final requirements**

Students need a course credit for the successive stages of the assignment in tempera techniques after semesters 3 and 4.

Students need to pass an oral examination after semester 4.

**Assessment criteria**

Manual skills.

Technical and technological competence.

The knowledge imparted on the course and demonstrated by the student.

The student's attitude towards their work assignments.

**Course aims**

- Learning, through lectures, theoretical knowledge of medieval and Renaissance tempera techniques and technologies in panel painting, miniatures on parchment and polychromies of wooden sculptures.
- Mastering the manual skills needed to complete the programme of practical assignments. Being prepared to recognize tempera techniques and technologies in historic pieces, characteristic of the medieval and Renaissance European painting.
- Becoming fully aware of the importance of the technical and technological issues in historic works, especially while developing programmes of conservation work.

*The language of instruction is Polish; practical classes could be held in English.*

**Course Title**

Conservation and Restoration of Historic Sculptures from Sedimentary and Crystalline Rocks

**Course Code**

KZ/S/J/KR/KK/1

**Course Tutor(s)**

prof. dr hab. Andrzej Koss, as. mgr Agnieszka Zambrzycka, as. mgr Andrzej Kazberuk.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					4/10	2/7	3/8	3/8		
Theory/Practice					T/P	T/P	T/P	T/P		
Hours per Week					17	16	15	16		
Assessment Form					Exam	Exam	Exam	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Years 1 and 2 of the second-cycle programme.

**Final requirements**

1. Students should pass an oral examination on the content of the course material.
2. Students should successfully carry out conservation work and provide accompanying documentation.
3. Students have to give a multimedia presentation on the whole conservation project after its completion.

**Assessment criteria**

1. The student's knowledge of the issues discussed related to the conservation of the course object.
2. Assessment of the adequacy of conservation treatment, documentation of the conservation work, and a multimedia presentation as a summary of the project.
3. Assessment of manual skills, observation skills and the technical and artistic value of the conservation work completed, as well teamwork and overall participation.

**Course aims**

1. Gaining knowledge of the techniques and technologies employed, and the different kinds and causes of the deterioration of objects.
2. Practicing skills in using different methods of conservation and restoration of sculptures and architectural elements, and their arrangement after the completion of conservation work.
3. Ability to compile appropriate documentation of conservation and restoration containing all the accumulated knowledge on the object being studied, and to prepare a multimedia presentation as a synthesis of the whole conservation project.

*The language of instruction is Polish.*

**Course Title**

Conservation and Restoration of Plaster Sculpture and Stucco

**Course Code**

KZ/S/J/KR/KK/2

**Course Tutor(s)**

dr hab. Janusz Smaza, prof. ASP, mgr Piotr Owczarek

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			2/5	1 /2						
Theory/Practice			T/P	T/P						
Hours per Week			8	8						
Assessment Form			Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 1 of the second-cycle programme.

**Final requirements**

1. Students need to pass an oral examination on the course theory.
2. Students have to complete practical work on a selected object for conservation.
3. A crucial component of the course is compiling the relevant documentation.
4. Students give a presentation of their conservation work to the staff and students.

**Assessment criteria**

1. Lectures: demonstration of knowledge gained during lectures concerning the object being conserved.
2. Classes: assessment of the accuracy of execution; the quality of documentation of the work performed; manual and artistic skills, and of the ability to work in a team

**Course aims**

1. Gaining theoretical knowledge concerning the techniques and technologies and the causes of destruction of the objects made of plaster and related materials. Learning to document conservation work and becoming familiar with the different technologies and techniques used in conservation.
2. Being able to apply the above knowledge in forming conclusions, objectives and conservation programmes. Developing the habit of keeping a mandatory diary of conservation work and using scientific literature.
3. Teaching/learning practical conservation of plaster objects.

*The language of instruction is Polish.*



**Course Title**

Conservation and Restoration of Ceramics

**Course Code**

KZ/S/J/KR/KK/3

**Course Tutor(s)**

dr hab. Jacek Martusewicz, prof. ASP

asyst. mgr Anna Tomkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									6/14	15
Theory/Practice									T/P	P
Hours per Week									10	10
Assessment Form									Exam	Exam
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should have completed Year 4 of the second-cycle programme at the Faculty of Conservation and Restoration of Works of Art.

**Final requirements**

1. Oral examination on the material presented in lectures.
2. Carrying out proper conservation of an object, and its full documentation.
3. Presentation of the student's conservation work to the course tutor and fellow students.

**Assessment criteria**

1. Knowledge acquired during lectures.
2. Documentation of the conservation work - the content, form of drawings, quality of photos.
3. The coursework and result of conservation work on the object – the correctness of the procedures performed; the ability to use the advice provided on the course; the final aesthetic impression and technological soundness of the student's conservation treatment.

**Course aims**

1. Przekazanie wiedzy dotyczącej współczesnych technik i technologii konserwacji obiektów ceramicznych.
2. Przekazanie wiedzy dotyczącej rozwiązań estetycznych w konserwacji i restauracji ceramiki.
3. Wykształcenie w toku ćwiczeń umiejętności zastosowania wiedzy teoretycznej i wyników analiz laboratoryjnych w formułowaniu wniosków i założeń konserwatorskich oraz ich praktycznej realizacji.
4. Nabycie umiejętności stosowania różnych metod konserwacji ceramiki.
5. Wypracowanie umiejętności posługiwania się literaturą źródłową.

1. Learning about modern techniques and technologies applied during the conservation of ceramic objects.

2. Learning some of the aesthetic solutions employed in the conservation and restoration of ceramics.
3. In the course of practical exercises, gaining the ability to apply theoretical knowledge and the results of laboratory analyses to the formulation of conclusions and conservation guidelines, and their practical realisation.
4. Gaining the ability to apply different methods in the conservation of ceramics.
5. Developing the student's skills in using source literature.

*There is an option to conduct classes in English.*

**Course Title**

Sculpture

**Course Code**

KZ/S/J/KR/KK/12

**Course Tutor(s)**

Prof. dr hab. Antoni Janusz Pastwa, wykł. mgr Elżbieta Kołodziejczyk-Macander

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	5	4	6	6	2	2				
Theory/Practice	P	P	P	P	P	P				
Hours per Week	8	8	12	12	4	4				
Assessment Form	PE	PE	Exam	Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

1. Students have to pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art; specialisation: Conservation and Restoration of Sculpture and Architectural Elements (Year 1).
2. Students should perform adequately in panel reviews in Year 1 (Year 2).
3. Students need to obtain a credit for both semesters in Year 2 (Year 3).

**Final requirements**

1. Students have to complete the course projects and practical assignments, exercises, and obtain a credit for these (examination grade) in each semester.
2. Students on the course prepare their own artwork for exhibition (castings, work executed in durable materials and equipment), and should demonstrate the ability to arrange them in a public presentation.

**Assessment criteria**

1. The artistic and technological value of the submitted work; how the student shapes its form and (most importantly) an evaluation of its final effect.
2. The degree of commitment to the realisation of programme assignments.
3. The aesthetic elaboration undertaken by the student and presentation of the completed work at the end-of-year exhibition.

**Course aims**

1. The aim of the course is to develop the student's creative artistic personality in order to create original artistic concepts.
2. Students develop their capacity to practice their new profession; especially the shaping of form in relation to contemporary stylistic and historical conditions.
3. Acquiring skills as an artist in conjunction with the use of a wide range of materials and sculptural techniques.
4. The course prepares students for the proper realisation of artistic objectives in the process of conservation and restoration.

*The language of instruction is Polish.*

**Course Title**

Sculptural Copy and Elements of Reconstruction

**Course Code**

KZ/S/J/KR/NK/19

**Course Tutor(s)**

dr hab. Wiesław Procyk, prof. ASP, st. wykł. Antoni Ciężkowski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2	5	5	6	
Theory/Practice					P	P	P	P	P	
Hours per Week					3	3	5	5	4	
Assessment Form					PWG	PWG	PWG	PWG	PWG	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 2 of the Conservation and Restoration of Works of Art course.

**Final requirements**

- Ability to independently carry out reconstruction work to restore damaged fragments, or completely destroyed historic sculptural compositions.
- Making a hand copy, modelled in clay and consolidated in the form of a cast in plaster or mineral mortars – a study based on the original.
- Making a material copy – sculptural copy (e.g of a bust), realised according to a historical model (a model of the original) in selected rock material with the use of sculptural instruments and traditional carving tools (semesters 8 and 9).

**Assessment criteria**

1. The quality of the student's artistic and technical performance.
2. The degree of involvement and enthusiasm in the realisation of the course content.
3. The average grade in the individual component assignments.

**Course aims**

1. Developing the student's artistic skills and improving his or her innate ability. The course develops a student's sensory perception of sculptural forms, manual dexterity and their use of sculptural tools in copying, adding and reconstruction work.
2. Gaining experience and skills via the thorough study of the history of sculptural form and style. The course moves from the ancient to the modern era in freestanding and architectural stone sculpture.

*The language of instruction is Polish.*

## Course Title

Introduction to conservation and restoration – theoretical issues

## Course Code

KZ/S/J/KR/NK/16

## Course Tutor(s)

prof. dr hab. Andrzej Koss

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits		1								
Theory/Practice		T								
Hours per Week		1								
Assessment Form	Exam	Exam								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

1. Students should have passed the entrance examination to the Faculty of Conservation and Restoration of Works of Art. (Year 1).
2. Students need a credit for semester 1 – passing a final exam in a subject common to all specialisations: *Introduction to the Conservation of Works of Art*.

## End-of-course requirements

1. Students need to pass a final exam in the field of selected areas that introduce the wider issues related to the conservation and preservation of cultural heritage, monuments and works of art.
2. In terms of theory, in semester 2 there is an examination on the foundations of cultural heritage protection and the theory of conservation and restoration.

## Assessment criteria

An assessment is made of the student's ability to retain knowledge, advice from auxiliary publications, and his or her general understanding. They should display an awareness of the broader context of interdisciplinary thinking and practice in conservation and restoration. Students should also establish their own independent methods and practice within the field.

## Course aims

1. Students studying on the course gain a working knowledge of ethical conduct from the range of basic concepts related to conservation of works of art and cultural heritage protection. They learn the history of conservation and its contemporary public image, along with a knowledge of preventative conservation with complex interdisciplinary research tools and approaches.
2. Students on the course become familiar with the basic principles and potential future knowledge concerning the problems of culture, the place of art in culture, the notion of a work of art and a monument.
3. Students are able to find potential sources and spaces for exchanging information about the principles of modern conservation and restoration of works of art. This includes the principles of preventive conservation.

*The language of instruction is Polish.*

**Course Title**

Sculpture Techniques

**Course Code**

KZ/S/J/ KR/NK/17

**Course Tutor(s)**

dr hab. Wiesław Procyk, prof. ASP, st. wykł. Antoni Ciężkowski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	2	2	2	2	1	1	1	1		
Theory/Practice	T	T/P	T/P	P	P	P	P	P		
Hours per Week	3	3	3	3	1	1	1	1		
Assessment Form	PE	PE	Exam	Exam	PWG	PWG	PWG	PWG		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art, specializing in Conservation and Restoration of Sculpture and Architectural Elements (Year 1).

Students should obtain a credit for year 1.

**Final requirements**

Theoretical knowledge examinations in semesters 1-4 covering:

- 1 Practical knowledge in the field of sculptural techniques used to develop and define the tools and expertise of the conservator of works of art, alongside the student's own intellectual development.
- 2 Practical knowledge of the technology employed to make sculptural models, molds and castings, plus precious decorative furnishings and decorative stucco.

Practical examination:

- Making a free-hand copy of a relief in bare rock according to a historical pattern, using traditional sculptural tools and simple measuring devices – semester 2.
- Composing and completing selected architectonic details employing stucco methods – semester 3.
- Designing and executing an ornament and inscription by means of relief technique in crystalline and dense raw rock using traditional carving tools – semester 4.

**Assessment criteria**

Written end-of-semester examination (1, 2, 3), in theoretical knowledge.

The artistic and technical value of the completed works (semesters 2–8).

**Course aims**

1. Mastering the manual skills of sculpting treatments in different types of rock materials.
2. Knowledge of materials and technical procedures necessary during modeling, molding, casting and stucco work.

*The language of instruction is Polish..*

**Course Title**

Technology of sculpture

**Course Code**

KZ/S/J/KR/NK/18

**Course Tutor(s)**

dr hab. Wiesław Procyk, prof. ASP, st.wykl. Antoni Ciężkowski

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	1	1	1	1						
Theory/Practice	T	T/P	T/P	P						
Hours per Week	1	1	1	1						
Assessment Form	PE	PE	Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students enrolling on the course need to pass the entrance examination to the Faculty of Conservation and Restoration of Works of Art, specializing in Conservation and Restoration of Sculpture and Architectural Elements (Year 1).

For semesters 3 and 4 students need a validation credit for year 1 of study of Conservation and Restoration of Works of Art.

**Final requirements**

End-of-semester examination in:

1. Knowledge of tools and traditional sculptural processing techniques, along with knowledge of the history of mining and the use of the most valuable raw rock resources in Europe and the Polish-Lithuanian Commonwealth – semesters 1 and 2.
2. Practical knowledge of the technology of making sculptural models, molds and castings, and precious decorative furnishings and decorative stucco.

**Assessment criteria**

- End-of-semester written examination.
- The degree of involvement, the knowledge and logical reasoning displayed by the student in the context of an interdisciplinary education.

**Course aims**

Students on the course:

1. Learn to diagnose the correct identity of stone monuments against a background of the technology of sculpture and selected elements of art history.
2. Learn to use raw rock materials in sculpture and architecture, including the materials most characteristic of the given epoch.
3. Gain the ability to analyse sculptural treatments applied to historic examples.
4. Become familiar with the appropriate materials and a wide range of technological processes necessary during modeling, casting and stucco.

*The language of instruction is Polish.*

**Course Title**

Epigraphy and Heraldry

**Course Code**

KZ/S/J/KR/KU/32

**Course Tutor(s)**

prof. UW. dr hab. Dariusz Kuźmina

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							2	2		
Theory/Practice							T	T		
Hours per Week							2	2		
Assessment Form							Pass	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to have obtained a course credit for a course in Art History.

**Final requirements**

There is a final examination on the material specified in the course content.

**Assessment criteria**

1. The student's level of competence in the issues discussed.
2. Combining knowledge and skills linking theory with practice by preparing the student's own individual studies.

**Course aims**

1. Supplementing the scientific competence of conservators of sculpture with the ability to read inscriptions, dates and coats of arms occurring on monuments and gravestones.
2. Building up the student's scientific competence in creating professional descriptions of historical signs.
3. Familiarizing students with scientific publications serving the conservation treatment of works of art.

*The language of instruction is Polish.*



**Course Title**

Introduction to the conservation of old printed matter and graphic art

**Course Code**

KZ/S/J/KG/NK/19

**Course Tutor(s)**

st. wykł. Wojciech Chrościcki, st. wykł. Grażyna Macander-Majkowska, as. mgr Dorota Dzik-Kruszelnicka, as. mgr Zofia Koss.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	5	3								
Theory/Practice	P	P								
Hours per Week	3	3								
Assessment Form	PE	PE								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to be admitted to the Faculty of Conservation and Restoration of Works of Art (entrance examination).

**Final requirements**

- Passing grade in examinations after semesters 1 and 2.
- Making an installation for the storage and protection of graphic artwork.
- Students should build their own collection of appropriate tools for the work described above and describe their work in note form.

**Assessment criteria**

1. The artistic and technical value of conservation and restoration work performed by the student.
2. The level of knowledge of the subject and logical reasoning concerning the specialization in the context of an interdisciplinary study programme.
3. The degree of commitment to the conservation programme and the ability to effectively translate the instruction and guidelines obtained during training.

**Course aims**

1. Educating specialist conservator-restorers of library materials and archives (including archaeological, historical and contemporary) from a range of many cultures and religions.
2. Providing the theoretical and practical knowledge needed for continuing a student's education in the process of self-study and consultation with specialists in other fields of science and art.
3. Preparing the student to take up conservation work and research independently or in a team.
4. Preparing the student to use the theoretical and practical knowledge gained on the course in an effective and critical way.

*The language of instruction is Polish..*

**Course Title**

Conservation and Restoration of Old Prints and Manuscripts

**Course Code**

KZ/S/J/KG/KK/1

**Course Tutor(s)**

dr hab. Marzenna Ciechańska prof. ASP, st. wykł. Wojciech Chrościcki, ad. dr Izabela Zająć,  
as. mgr Monika Korsak – Truszczyńska, as. mgr Zofia Koss

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					8	5	10	8	11	
Theory/Practice					T/P	T/P	P	P	P	
Hours per Week					9	10	12	12	11	
Assessment Form					Exam	Exam	Exam	Exam	Exam	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for the Year 2 specialization Conservation of Books, Prints and Historical Leather.

**Final requirements**

- Examination passed after 5th, 6th, 7th, 8th and 9th semester.
- Realisation of course conservation project with a short documentation of conservation (Year 3).
- Realisation of course conservation project with full documentation (Years 4 and 5).

**Assessment criteria**

- The artistic and technical value of the conservation work performed by the student.
- The knowledge displayed of the subject and logical reasoning concerning the specialization in the context of an interdisciplinary study programme.
- The degree of commitment to the conservation programme and the ability to effectively translate the advice and guidelines obtained during the course.

**Course aims**

- Educating a specialist conservator-restorer of library and archival materials (including archaeological, historical and contemporary objects) from many different cultures and religions.
- Gaining theoretical and practical knowledge and recognising the need for further education in the student's development and continuing consultation with specialists in other fields of science and art.
- Preparing students to take up conservation work and research either independently or in a team.
- Guiding students to use their new theoretical and practical knowledge in an effective and critical manner.

*The language of instruction is Polish; practical classes could be taught in English.*

**Course Title**

Conservation and Restoration of Prints and Drawings

**Course Code**

KZ/S/J/KG/KK/2

**Course Tutor(s)**

dr hab. Weronika Liszewska prof. ASP, st. wykł. Grażyna Macander-Majkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					4	2	4	4		
Theory/Practice					T/P	T/P	T/P	T/P		
Hours per Week					4	4	5	6		
Assessment Form					PWG	Exam	Exam	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Semester 5: Students should obtain a course credit for Years 1 and 2 of study with a specialisation in the conservation and restoration of books, prints and historical leather, or equivalent;
- Semesters 6, 7, 8: students need credits for previous semesters at the studio.

**Final requirements**

Obtaining a course credit and passing grade in the examinations in Years 3 and 4.

**Assessment criteria**

1. The accuracy of conservation work performed on a historic object along with documentation of the work (done individually or collectively) under the guidance of the tutor.
2. Written theoretical work on a selected topic of the curriculum based on an approved outline prepared for the course seminar.
3. Knowledge gained in the classroom: an oral examination (admission to the examination on the basis of class participation).
4. Work ethic and active participation in classes.

**Course aims**

The objective of the course is to equip the student with the following knowledge and skills:

1. Issues related to the conservation and restoration of historical prints (including colour and coloured), drawings, watercolours and gouaches, and miniature paintings created on a variety of supports.
2. Creating a project of conservation and restoration of a selected historic object (or set of objects), related to the Studio's curriculum content and based on the acquired theoretical and practical knowledge.
3. Conservation techniques and practice of the conservation and restoration of the selected historic object (or set of objects), related to the curriculum content.
4. Compiling documentation for the conservation and restoration of the selected historic object (or set of objects,) related to the curriculum content.

5. Using source knowledge and managing study or research projects in the field envisaged in the curriculum content.
6. Presenting issues related to the documentation and conservation and restoration of the selected historic object (or set of objects), related to the curriculum content.

*The language of instruction is Polish; practical classes could be taught in English.*

**Course Title**

Conservation and Restoration of Pastels

**Course Code**

KZ/S/J/KG/KK/3

**Course Tutor(s)**

st wykł. Grażyna Macander-Majkowska, dr hab. Weronika Liszewska, prof. ASP

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									5	5
Theory/Practice									T/P	T/P
Hours per Week									4	4
Assessment Form									PWG	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for four years of study leading to a specialisation in Conservation and Restoration of Books, Prints and Historic Leather.

**Final requirements**

The student's conservation project together with proper documentation of the conservation work related to a particular work of art.

**Assessment criteria**

1. Acquired knowledge of the techniques and technology of pastel work.
2. Creativity at the planning stage of the conservation project.
3. Adequate performance of conservation procedures.
4. Evaluation of the whole work of conservation together with proper documentation.

**Course aims**

1. Educating a specialist conservator of works of art and crafts (including both historical and contemporary artefacts).
2. Gaining comprehensive theoretical and practical knowledge and developing the habit and the need for continuing a student's education and expanding their knowledge either through studying on their own or consultation with specialists in other fields of science and art.
3. Being able to create, manage and realise conservation-restoration and research projects and their analysis and interpretation.
4. Emphasising a genuine work ethic in conjunction with dialogue with the custodians of museum and private collections, and the ability to stake prospects in the context of the preservation of cultural and national heritage (research, digitization, collecting, preserving, exhibiting, storing, transportation, sharing, hiring out).
5. Being able to identify the techniques and technology pastels are made with.

*The language of instruction is Polish.*

**Course Title**

Lettering

**Course Code**

KZ/S/J/KG/NK/24, KZ/S/J/KR/NK/27

**Course Tutor(s)**

St. Wykł. Wojciech Chrościcki

St. Wykł, Grażyna Macander-Majkowska, as. Dorota Dzik-Kruszelnicka, as. mgr Zofia Koss

**KZ/S/J/KG/NK/24**

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									1	1
Theory/Practice									P	P
Hours per Week									2	2
Assessment Form									PWG	PWG
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**KZ/S/J/KR/NK/27**

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1	1						
Theory/Practice			P	P						
Hours per Week			2	2						
Assessment Form			PWG	PWG						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1, specialisation: Conservation and Restoration of Stone Sculpture and Elements of Architecture, and for Year 4, specialisation: Conservation and Restoration of Books, Prints and Historic Leather.

**End-of-course requirements**

Students should receive a course credit based on assignments – individual projects.

**Assessment criteria**

1. The technical and artistic value of the completed assignments as finished pieces and at different stages.
2. Adequate technical performance.
3. The degree of commitment to the realisation of projects.

**Course aims**

1. Becoming acquainted with the techniques of artistic handwriting using basic lettering instruments and the principles of lettering composition.
2. Exercising the hand and the eye.

3. Preparation for lettering projects in related subjects during the subsequent years of study.

*The language of instruction is Polish.*

**Course Title**

Techniques and technology of binding

**Course Code**

KZ/S/J/KG/NK/23

**Course Tutor(s)**

st. wykł. Wojciech Chrościcki, st. wykł. Grażyna Macander-Majkowska, as. mgr Dorota Dzik-Kruszelnicka, as. mgr Zofia Koss.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			10	9						
Theory/Practice			T/P	T/P						
Hours per Week			10	10						
Assessment Form			Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should receive a credit for Year 1 of study at the Department of Conservation and Restoration of Old Prints and Graphic Art.

**End-of-course requirements**

Students need to complete the following tasks:

- Passing the end-of-semester examination after semesters 3 and 4.
- Making dummies of historic bindings of old prints.
- Assembling one's own tools necessary for carrying out the above-mentioned jobs.
- Describing the work in the form of notes.
- Individual creation of ornaments on parchment or leather of the covers and spines of books (stamping, gilding, mosaics).
- Gilding the edges of book pages.
- Describing the jobs students have completed in the form of notes, drawings and photographs.

**Assessment criteria**

1. The artistic and technical value of the work performed.
2. The knowledge of the subject and logical reasoning displayed by the student concerning the specialization.
3. The degree of involvement in the realisation of the programme and the ability to effectively employ the advice and guidelines obtained during training.

**Course aims**

- The course educates students to become specialist conservator-restorers of library and archival materials (including archaeological, historic and contemporary objects) from many cultures and religions.
- Students gain theoretical and practical knowledge and of the need for further education in the process of self-study and consultations with specialists in other fields of science and art.



- Students are prepared to take up further conservation work and research independently or in a team.
- Students are able to make maximum use of their theoretical and practical knowledge in an effective and critical manner.

*The language of instruction is Polish; practical classes could be taught in English.*

## Course Title

Identification and Conservation of Photography

## Course Code

KZ/S/J/KG/KK/4, KZ/S/J/KM/KK/4, KZ/S/J/KR/KK/4, KZ/S/J/KT/KK/2

## Course Tutor(s)

dr hab. Marzanna Ciechańska prof. ASP, adi. dr Izabela Zając, asyst. Mgr Monika Supruniuk

KZ/S/J/KG/KK/4

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2	2	2		
Theory/Practice					T/P	T/P	T/P	T/P		
Hours per Week					2	2	4	2		
Assessment Form					PWG	PWG	PWG	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

KZ/S/J/KM/KK/4, KZ/S/J/KR/KK/4, KZ/S/J/KT/KK/2

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2				
Theory/Practice					T/P	T/P				
Hours per Week					2	2				
Assessment Form					Pass	PWG				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

- For Year 3 (mandatory course) – students should obtain a course credit for years 1 and 2 at the Faculty of Conservation and Restoration of Works of Art, Chair of the Conservation and Restoration of Books, Prints and Historical Leather.
- For Year 4 (mandatory course) – students should obtain a course credit for Years 1–3 at the Faculty of Conservation and Restoration of Works of Art, Chair of the Conservation and Restoration of Books, Prints and Historical Leather.
- For Year 5 (facultative course) – students should obtain a course credit for Years 1–4 at the Faculty of Conservation and Restoration of Works of Art, Chair of the Conservation and Restoration of Books, Prints and Historical Leather; and a declaration of participation in classes before the end of the 4th semester of Year 4.

## Final requirements

1. Active participation in discussions during lectures, seminars, didactic debates, didactic dialogue, study and laboratory practice.
2. Realisation and completion of individual assignments in historical photographic techniques (recreation of selected processes) – Year 3.
3. Realisation and completion of an individual project in the field of protection and preservation of photographs and photographic materials.

4. Passing a practical and theoretical examination in the identification of photography and film materials (tapes and negatives) – Year 4.
5. Realisation of an individual project in the field of research on the identification and conservation and restoration of photography, photographic materials and / or related objects – Year 5.

#### **Assessment criteria**

1. Participation, the student's ability to work in a group and master factual knowledge.
2. The realisation and presentation of the student's individual project.
3. Proper identification, dating of photographic and photomechanical techniques, tapes and negatives.
4. The ability to discuss and employ specialist vocabulary.

#### **Course aims**

Wykształcenie specjalisty - konserwatora fotografii przygotowanego do różnorodnych sytuacji zawodowych i samodzielnej realizacji projektów z zakresu identyfikacji, ochrony i zabezpieczania zbiorów fotograficznych.

Educating a specialist conservator of photography prepared for a variety of professional situations and independent completion of projects in the field of identification, protection and preservation of photographic collections.

*The language of instruction is Polish; classes could be taught in English.*

**Course Title**

History of European Printmaking and Drawing, 15th–20th c.

**Course Code**

KZ/S/J/KG/KU/33

**Course Tutor(s)**

dr Joanna Talbierska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2				
Theory/Practice					T	T				
Hours per Week					3	2				
Assessment Form					Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need a course credit for Year 3 of the second-cycle programme..

**Final requirements**

Following the fifth semester course students take a test (credit with grade) in terminology; an examination after the fifth and sixth semesters, consisting of a test of theoretical knowledge (lectures and literature as indicated) and testing practical skills, such as recognizing the basic techniques of graphic art and drawing on several examples, elementary description of a print or drawing, the ability to select literature.

**Assessment criteria**

Stopień przyswojenia przekazanej wiedzy, umiejętność omawiania i analizy prezentowanych rycin i rysunków, posługiwanie się poprawną terminologią, rozpoznawania technik, rodzajów podłoży, a także korzystania z literatury przedmiotu.

The degree of familiarity with the course material, the ability to discuss and analyze the presented prints and drawings, and to use the correct terminology, to recognize the techniques, types of substrates, as well as the use of literature on the subject.

*The language of instruction is Polish.*

**Course Title**

History of the Book and Bookbinding

**Course Code**

KZ/S/J/KG/KU/34

**Course Tutor(s)**

prof. UW. dr hab. Dariusz Kuźmina

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	2	2	2	1						
Theory/Practice	T	T	T	T						
Hours per Week	2	2	2	2						
Assessment Form	PWG	Exam	PWG	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should pass the entrance examination to Year 1 of the Faculty of Conservation and Restoration of Works of Art.

**Final requirements**

Students should obtain a credit after the 1st semester, examination on the course material passed after the 2nd semester; credit after the 3rd semester, and examination passed after the 4th semester.

**Assessment criteria**

The ability to describe the student's own work that is under conservation; the ability to read chronograms, watermarks, identifying coats of arms; the ability to use chronological tables, knowledge of the types of bindings and ornaments.

**Course aims**

Supplementing the scientific competence of the conservators with the ability to read inscriptions, dates; learning the history of the book. Building up scientific competence for creating professional descriptions of historic symbols/signs/tables/tablets. Familiarizing students with scientific publications serving the conservation treatment of works of art.

*The language of instruction is Polish.*

**Course Title**

Techniques of weaving and embroidery

**Course Code**

KZ/S/J/KT/NK/16

**Course Tutor(s)**

prof. Helena Hryszko, dr Monika Stachurska, mgr Agnieszka Krzemińska Maciejko,  
mgr Ewa Proniewicka, mgr Anna Makulec

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	4	3	7							
Theory/Practice	T/P	T/P	T/P							
Hours per Week	6	6	6							
Assessment Form	PE	PE	Exam							
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Passed entrance examination (semesters 1 and 2); credit for Year 1 (semester 3).

**Final requirements**Theory (semesters 1 and 3)

- Students need an acceptable grade in a written test on the course content.

Practice

Students on the course are required to do the following:

- Complete 2 assignments introducing weaving and embroidery techniques (semester 1).
- Complete 2 assignments in embroidery techniques, within the scope outlined by the tutor (semester 2).
- Complete 5 assignments in carpet-making techniques, and 1 more in tapestry techniques, within the scope advised by the tutor (semester 3).

**Assessment criteria**

- The technical and artistic value of the completed assignments.
- The knowledge demonstrated by the student and his or her ability to combine theory with practice.

**Course aims**

- Zapoznanie studentów rozpoczynających naukę z historycznymi technikami hafciarskimi, kobierniczymi i tapiserii.
- Rozwijanie u studenta umiejętności obserwacji i analizy tkanin zabytkowych.
- Sprawdzenie, na podstawie wykonanych ćwiczeń, predyspozycji studenta do zawodu konserwatora tkanin – dokładności, staranności, umiejętności obserwacji, rozróżniania użytych materiałów, kolorów oraz sprawności manualnej.
- Students on the course become familiar with historical techniques of embroidery, carpet- and tapestry-making.
- The course develops the student's skills of observation and analysis of historic textiles.

- Checking, on the basis of the course assignments, the student's aptitude for the profession of conservator of textiles – accuracy, diligence, observation skills, distinguishing between materials, colours, and manual dexterity.

*Theory taught in Polish; practical classes could be held in English.*

**Course Title**

Conservation and Restoration of Historic Textiles – Conservation of Carpets and Tapestries

**Course Code**

KZ/S/J/KT/KK/1

**Course Tutor(s)**

prof. Helena Hryszko, dr Monika Stachurska, mgr Agnieszka Krzemińska-Maciejko.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			4	3/4	5/7					
Theory/Practice			T	T/P	T/P					
Hours per Week			2	2/5	2/7					
Assessment Form			Exam	Exam	Exam					
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 1 of the second-cycle programme.

**Final requirements**Theory:

- Written examination on the course content (semesters 3-5).
- Realisation of an individual project in the form of seminar paper (semester 5).
- Multimedia presentation of seminar paper (semester 5).

Practice:

- The completion of assignments as advised by the course tutor using various methods of conservation and restoration of carpets and tapestries.
- Detailing and elaborating on selected points in the documentation of conservation work.

**Assessment criteria**Theory:

- The student's knowledge of the history of carpet weaving and tapestry, technology and techniques of production of carpets and tapestries (semester 3-5).
- The manner of development of selected points in the documentation of conservation work carried out (semester 3-5).
- Substantive value of the elaborated seminar paper and the multimedia presentation (semester 5).

Practice:

- Manual skills, observation skills and the technical and artistic value of the conservation work carried out.
- The ability to select appropriate methods of conservation and then properly documenting the steps taken.
- Teamwork and participation.

**Course aims**Theory:

- Providing systematic knowledge related to technology and production techniques, and the history of carpets and tapestries.



- Becoming familiar with the kinds and causes of damage and the problems of conservation and restoration of carpets and tapestries.
- Understanding the structure of the conservation documentation and learning to compile it.
- Becoming proficient in writing up any selected issue, using the right scientific apparatus and in synthesis with an oral presentation of the topic.

Practice:

- Familiarity with the techniques of production of carpets and tapestries.
- Learning the different methods of conservation and restoration of carpets and tapestries.

*Theory taught in Polish; practical training could be held in English.*

**Course Title**

Conservation and Restoration of Historic Textiles – Conservation of Silk Fabrics

**Course Code**

KZ/S/J/KT/KK/1

**Course Tutor(s)**

prof. Helena Hryszko, dr Monika Stachurska, mgr Ewa Proniewicka

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits						5/4	5/15	5/12		
Theory/Practice						T/P	T/P	T/P		
Hours per Week						2/7	1/10	1/10		
Assessment Form						Exam	Exam	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 2 of the second-cycle programme.

**Final requirements**Theory:

- Written examination in the course content.
- Producing detailed descriptive and photographic documentation of the object under conservation during the course.
- Realisation of two projects (semester 6 and semesters 7+8 ) in the forms of a seminar paper and multimedia presentation.

Practice:

- Performing a full range of conservation and restoration work on an object designated by the course tutor.

**Assessment criteria**Theory:

- Knowledge displayed of the causes of damage, methods of conservation and restoration and prevention of silk fabrics.
- The correctness of the descriptive and photographic documentation of the work of conservation and restoration on the course object.
- The appraisal of the content of seminar papers and multimedia presentations.

Practice:

- The technical and artistic value of the work of conservation and restoration, organization, self-reliance, commitment, creativity during the completion of assignments.

**Course aims**Theory:

- Becoming familiar with the problems faced during the conservation and restoration of objects made from a variety of silk fabrics.

- Developing skills for compiling descriptive and photographic documentation of the conservation and restoration work being carried out.
- Becoming proficient at the written elaboration of a selected topic, using research tools and resources, and being able to discuss the topic concisely.

Practice:

- Gaining comprehensive technical and artistic skills related to the conservation of silk fabrics. Acquiring the ability to carry out a detailed analysis of the technology and techniques of the object's production, the correct diagnosis of the causes and kinds of deterioration, the proper elaboration of conservation programmes, documenting the process of conservation, the practical performance of various technical conservation procedures.

*Theory held in Polish; practical classes could be taught in English or German.*

**Course Title**

Conservation and Restoration of Historic Textiles –archaeological textiles and fabrics of unusual workmanship

**Course Code**

KZ/S/J/KT/KK/1

**Course Tutor(s)**

prof. Helena Hryszko, dr Monika Stachurska, mgr Ewa Proniewicka

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									10/15	15
Theory/Practice									T/P	P
Hours per Week									2/10	6
Assessment Form									Exam	Exam
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 4.

**Final requirements**Theory (9th semester):

- Oral examination in the course content.
- Realisation of an individual project, consisting of a written paper on conservator's ethics.

Practical:

- Performing a full range of conservation and restoration work on several objects designated by the course tutor.

**Assessment criteria**Theory (9th semester):

- Knowledge of the causes and mechanisms of damage, methods of cleaning, conservation and restoration, as well as ways of preparing for transportation, storing and exhibiting of archaeological textiles and fabrics with uncommon, complex technology and techniques of production.

Practice (9th,10th semesters):

- The technical and artistic value of the work of conservation and restoration carried out by the student. Organization, self-reliance, commitment; the presence of a substantive justification of the procedure employed and the ability to cooperate in a group while completing the assignments.

**Course aims**Theory:

- Becoming familiar with the problems of conservation and restoration of archaeological textiles and fabrics created using unusual technology and technique of production.
- Students should become familiar with the widest possible range of issues related to methods of conservation of such artefacts.

- The aim of the seminar paper on the ethics of conservation is to acquaint students with the literature discussing these issues and to raise students' awareness in this way of the principles of the code of ethics related to conservation of cultural goods.

Practice:

- Gaining comprehensive technical and artistic skills related to the conservation of fabrics coming from archaeological excavations and other various artefacts displaying an unusual technical structure and resulting from the use of unusual technology. The objects are selected so as to include as wide a range of conservation procedures as possible.

*Theory held in Polish; practical classes could be taught in English or German.*

**Course Title**

Introduction to conservation and restoration (II)

**Course Code**

KZ/S/J/KT/NK/15

**Course Tutor(s)**

Prof. Helena Hryszko.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits		1								
Theory/Practice		T/P								
Hours per Week		1								
Assessment Form		Exam								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

- Students need to pass an entrance examination.
- Students need to obtain a credit for semester 1, Year 1, of the second-cycle programme.

**Final requirements**

- Students should elaborate on selected points drawn from the proper documentation of conservation work completed on an object the tutor chooses.
- Students analyse the braid structure of three samples of fabrics.

**Assessment criteria**

- Assessment of the documentation work conducted on the course with regard to content, analysis and compliance with applicable schema.
- Assessment of the analysis of the braid structure of 3 samples of fabrics.

**Course aims**

- Students on the course become familiar with basic information regarding the rules of compiling the documentation of conservation: descriptive and photographic.
- Students gain familiarity with the current schema of the documentation.
- Students learn the rules of an inventory description of textile objects.
- The course prepares students for independent study of the structure of a variety of fabrics and the techniques used to produce them.

*The language of instruction is Polish..*

## Course Title

Technology and Techniques of Weaving.

## Course Code

KZ/S/J/KT/NK/17

## Course Tutor(s)

prof. Helena Hryszko, dr Monika Stachurska, mgr Agnieszka Krzemińska- Maciejko.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	1	1	3	3						
Theory/Practice	T	T	T	T						
Hours per Week	1	1	4	4						
Assessment Form	PE	PE	Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

## Entry requirements

### Semesters 1 and 2:

Students need to pass an entrance examination.

### Semester 3 and 4:

Students should obtain a credit for Year 1 of the second-cycle programme.

## Final requirements

### Semester 1 and 2:

- Written examination on the course content.

### Semester 3 and 4:

- Written examination on the course content.
- Analysis of the technology and technique employed during the making of two fabrics selected by the tutor – written up.

## Assessment criteria

### Semester 1:

- The knowledge displayed by the student of the origins, characteristics and uses of basic textile raw materials of plant and animal origin, found in old textiles, and also familiarity with the history of the textile industry.

### Semester 2:

- The knowledge the student has of the liturgical vestments in the Roman Catholic and Orthodox Church and also in Judaism.

### Semester 3 and 4:

- The student's awareness of the different types of weaves in the above traditions.
- The student's practical skills in the analysis and documentation of the historic textiles' manufacturing techniques.

## Course aims

### Semester 1:

- The course familiarises students with the different types and properties of the raw materials (of vegetable and animal origin) used in the textile industry.
- Students are taught about the history of the textile industry.

Semester 2:

- Discussion of the terminology concerning textile objects in the liturgy of the Roman Catholic and Orthodox Churches, and in Judaism.
- Students become familiar with the changes of cut and typical patterns of the ornamentation of liturgical vestments in the church of the Roman Catholic and Greek-Catholic Churches, and in Judaism.

Semester 3 and 4:

- Students are taught about the main issues related to the technology and technique of manufacturing historical textiles.
- Students gain practical skills in analysing weaves.
- The course develops students' skills in documentation of the information they obtain.

*The language of instruction is Polish..*



**Course Title**

Dyeing

**Course Code**

KZ/S/J/KT/NK/19

**Course Tutor(s)**

prof. Helena Hryszko, as. mgr Anna Makulec.

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits				1	4	2				
Theory/Practice				T	P	P				
Hours per Week				1	4	4				
Assessment Form				Exam	Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**4th semester:

- Students need to obtain a credit for Year 1 of the second-cycle programme.

5th and 6th semesters:

- Students need to obtain a credit for attending lectures in Dyeing (Year 2).

**Final requirements**4th semester:

- Written examination on the material specified in the course content.

5th and 6th semesters

Practical examination, consisting of dyeing 3 materials into colours assigned by the tutor.

**Assessment criteria**4th semester:

- Knowledge of the history of dyeing and the properties of various natural dyes.

5th and 6th semesters:

- Dyeing assignments at every stage of the dyeing proces and the results of the assigned tasks.
- The ability to dye unassisted.
- The skill of recognizing colours.

**Course aims**4th semester:

- To familiarize students with a basic knowledge of natural dyes.
- To emphasize the importance of possessing general knowledge of the history of dyeing and properties of natural dyes in setting objectives in conservation treatment.
- To draw attention to the need for continuing education in this field.

5th and 6th semesters:

- To know the principles of dyeing yarn and fabric, and their practical application.
- To master the practical skills needed in the whole process of dyeing.

- To acquire skills in colour analysis and matching of appropriate component dyes to achieve the desired shade of colour.

*Theory taught in Polish; optional practical classes in English.*

**Course Title**  
History of Textiles

**Course Code**  
KZ/S/J/KT/KU/30

**Course Tutor(s)**  
mgr Ewa Orlińska – Mianowska, mgr Monika Janisz (pracownicy Muzeum Narodowego)

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits							1	1	1	1
Theory/Practice							T	T	T	T
Hours per Week							2	2	2	2
Assessment Form							egz	egz	egz	egz
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for Year 3 of the second-cycle programme.

**End-of-course requirements**

Oral examination in course material.

Written paper on the subject assigned by the tutor and its oral presentation.

**Assessment criteria**

- The student's level of competence and their skill in determining the provenance of historical silks and embroidery.
- Participation; the ability to research and present a selected topic.

**Course aims**

- Becoming familiar with the history of weaving and embroidery.
- Being able to properly date textiles.
- Learning to define the provenance of textiles based on decorative patterns, ornament type, colours and production techniques.

*Classes take place at the National Museum in Warsaw; the language of instruction is Polish.*

**Course Title**

Selected issues of the conservation of textiles

**Course Code**

KZ/S/J/KT/KU/24

**Course Tutor(s)**

prof. Helena Hryszko, mgr Agnieszka Krzemińska- Maciejko

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2					
Theory/Practice					T/P					
Hours per Week					2					
Assessment Form					egz					
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Years 1 and 2 of the second-cycle programme.

**Final requirements**

Written examination in the course content.

**Assessment criteria**

- The student's knowledge of the range of subjects specified in the course content.
- The student's performance in coursework and the outcome of assignments and their documentation.
- The degree of involvement in the realisation of the curriculum.

**Course aims**Theory:

- Students gain knowledge of the types of metal used for ornamentation of historic textiles.
- Students become familiar with important issues related to technology and manufacturing technique of metal elements found in historic textiles.
- Students completing the course can identify the causes and types of damage along with the methods of conservation of fabrics containing metal elements.

Practice:

- Students gain the ability to analyse and document metal elements in historic textiles.
- Students become competent in the practical application of various methods of chemical cleaning of metal elements and fabrics containing metal threads.

*The language of instruction is Polish.*

**Course Title**

Selected issues of the conservation of metal

**Course Code**

KZ/S/J/KR/KU/33, KZ/S/J/KT/KU/25

**Course Tutor(s)**

mgr Janusz Mróz

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits						1				
Theory/Practice						T/P				
Hours per Week						2				
Assessment Form						Pass				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 2 of the second-cycle programme.

**Final requirements**

- Written work on the course content.
- Multimedia presentation of an expanded topic.

**Assessment criteria**

- The student's knowledge of the range of material specified in the course content.
- The ability to recognize different kinds of metal and the methods of production and ornamentation of metal objects.
- The ability to select appropriate methods of the conservation of metal objects.
- The artistic and technical value of completed assignments.
- The degree of involvement in the realisation of the curriculum.
- The quality of the student's multimedia presentation (the student's use of knowledge, selection of illustrative material, the form and manner of the presentation).
- An appraisal of the content of the student's written work.

**Course aims**

- Students on the course gain systematic knowledge related to the use of metals and their alloys in art and crafts.
- Students become familiar with the types and causes of damage and destruction, and the issues of conservation and restoration of metal objects and other objects which have as part of their structure a variety of materials, including metal alloys.
- Learning skills in the practical conservation of metal.

*The language of instruction is Polish.*

**Course Title**

Chemistry

**Course Code**

KZ/S/J/KM/NK/22, KZ/S/J/KR/NK/22, KZ/S/J/KT/NK/20, KZ/S/J/KG/NK/25

**Course Tutor(s)**

adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	2	2								
Theory/Practice	T	T								
Hours per Week	2	2								
Assessment Form	Exam	Exam								
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

None.

**Final requirements**

- 1st semester: students should obtain a passing grade in the final exam in General Chemistry and Inorganic Chemistry.
- 2nd semester: students should obtain a course credit for the final exam in Organic Chemistry.

**Assessment criteria**

- Examination or a passing grade in two tests (semesters 1 and 2): 80%.
- Preparation for lectures and active participation: 10%.
- Preparation and presentation of a paper: 10%.

**Course aims**

- Becoming familiar with the basic terms and definitions in General, Inorganic and Organic Chemistry.
- Acquiring the ability to write chemical reaction equations and reading the information contained in the periodic table of chemical elements.
- Using the appropriate vocabulary (according to YUPAC).
- Solving conversion problems on concentrations of rates and molar chemical solutions.
- Becoming proficient at the theoretical issues relating to groups of organic and inorganic compounds, necessary to master the issues of conservation chemistry.
- Becoming familiar with the physico-chemical properties of these compounds.

*The language of instruction is Polish.*

**Course Title**

Photography

**Course Code**

KZ/S/J/KM/KU/27, KZ/S/J/KT/KU/26, KZ/S/J/KG/KU/30, KZ/S/J/KR/KU/29

**Course Tutor(s)**

st. mistrz fotograf Roman Stasiuk, specjalista fotograf mgr Piotr Zambrzycki,

adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	2	2	1	1	1	1				
Theory/Practice	T/P	T/P	T/P	T/P	T/P	T/P				
Hours per Week	3	3	2	2	2	2				
Assessment Form	PWG	PWG	PWG	PWG	PWG	PWG				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

None.

**Final requirements**

Practical realisation of photographic documentation of conservation. Students should obtain a credit for their piece.

Public presentation of artwork. Obtaining a credit for the student's pieces resulting from assignments.

**Assessment criteria**

1. Participation: 30%
2. Presentation in the framework of an art piece: 70%

**Course aims**

- To acquire the skill of creating good quality documentation of conservation independently in accordance with a schedule adopted for conservation work.
- To become sensitive to light and purposefully use it in creating the image and consolidating various effects by means of photographic equipment.
- To be able to use photography as a means of artistic expression.

*The language of instruction is Polish.*

**Course Title**

Course Laboratory

**Course Code**

KZ/S/J/KM/KK/6, KZ/S/J/KT/KK/4, KZ/S/J/KR/KK/6, KZ/S/J/KG/KK/7

**Course Tutor(s)**

st. wykładowca mgr Irena Koss, st. wykładowca mgr Danuta Jarmańska, adi. dr Anna Zatorska, adi. dr inż. Joanna Kurkowska, as. Elżbieta Jeżewska, as. Anna Nowicka, as. Anna Puchta, wykł. Katarzyna Królikowska-Pataraja, st. mistrz fotograf Roman Stasiuk, specjalista fotograf Konrad Stasiuk

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1		1		1	1	1	
Theory/Practice			P		P		P	P	P	
Hours per Week			1		1		1	1 (KT)	1	
Assessment Form			Pass		Pass		Pass	Pass	Pass	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1 of study.

**Final requirements**

Students need to obtain a credit for passing progress reports.

**Assessment criteria**

1. Preparation for laboratory exercises: 10%.
2. The correctness of decisions made during the course of tests and assignments: 30%.
3. The quality of the documentation accompanying the photographs studied: 10%.
4. Positive credit for the course progress report on the performed tests: 50%.

**Course aims**

1. Becoming familiar with the technological structure of the tested object before beginning any conservation work.
2. Mastering the basic microscopic methods for the evaluation of samples and their initial identification.
3. Compiling specialised research documentation in accordance with the binding scheme.
4. Compiling photographic documentation of the object before, during and after conservation work.

*The language of instruction is Polish; classes could be held in English.*



**Course Title**

Materials – Polymer Chemistry

**Course Code**

KZ/S/J/KM/NK/23, KZ/S/J/KT/NK/21, KZ/S/J/KR/NK/21

**Course Tutor(s)**

adi. dr. inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits				1						
Theory/Practice				T						
Hours per Week				2						
Assessment Form				Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1 of the course.

**Final requirements**

Passed final examination.

**Assessment criteria**

Passing an examination or a passing grade in two written tests: 80%.

Preparation for lectures and active participation: 10%.

Preparation and presentation of a paper: 10%.

**Course aims**

1. Students on the course become familiar with the basic concepts and definitions of polymer chemistry necessary for mastering the issues of conservation chemistry.
2. Mastering the theoretical issues concerning the preparation of macromolecular compounds with various polymerization methods.
3. Students are taught the relevant nomenclature (according to YUPAC).
4. Knowledge of the physicochemical properties of polymer compounds used in conservation chemistry.

*The language of instruction is Polish.*

**Course Title**

Materials – Identification of Fibers

**Course Code**

KZ/S/J/KT/NK/21

**Course Tutor(s)**

wykładowca mgr Katarzyna Królikowska-Pataraja

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1							
Theory/Practice			T/P							
Hours per Week			2							
Assessment Form			Exam							
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students obtain a credit for Year 1 of the course.

**Final requirements**

Passed final examination.

**Assessment criteria**

1. The knowledge and logical reasoning displayed by the student: 15%.
2. Preparation for lectures and classes: 25%.
3. Satisfactory grade in the final examination in practical skills and theoretical knowledge: 60%.

**Course aims**

1. Mastering the details of the types, structure and properties of natural fibres of plant and animal origin, plus artificial and synthetic.
2. Acquiring the skill to make the proper preparations and tests in order to identify types of fibres.
3. Gaining the ability to characterize and compare fibres e.g. as regards chemical reactivity or biological resistance.

*The language of instruction is Polish.*

**Course Title**

Materials – Pigments

**Course Code**

KZ/S/J/KM/NK/23, KZ/S/J/KT/NK/21, KZ/S/J/KR/NK/23, KZ/S/J/KG/NK/26

**Course Tutor(s)**

st. wykładowca mgr Danuta Jarmańska; mgr Anna Nowicka

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits										
Theory/Practice										
Hours per Week										
Assessment Form										
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

None.

**End-of-course requirements**

1. Students should obtain a credit for a theoretical examination.
2. Students need to obtain a credit with a grade for classwork (identification of dry pigments).
3. Students should submit a correct report of test of the samples collected from the objects destined for conservation.

**Assessment criteria**Semesters 1 and 2

1. Credit for 2 written tests: 40%.
2. Credit for a written examination: 50%.
3. Preparation for classes: 10%.

Credit for class attendance with a grade (semester 2), comprising:

1. Credit for practical test given to students – identification of pure pigments: 50%.
2. Credit for a written report of chemical tests of the samples collected from works of art: 50%.

**Course aims**

1. Students on the course become familiar with the pigments that are most commonly used in historic objects.
2. Students learn the basic principles of identification of pure pigments (without filler) by microcrystal tests.
3. Students are taught how to exam the chemical composition of mortars, paints and canvas cloth in samples taken from the objects destined for conservation, and for the written description of the test results

*The language of instruction is Polish.*

**Course Title**

Materials – mineral binders, fillers and weathering processes

**Course Code**

KZ/S/J/KM/NK/23

**Course Tutor(s)**

st. wykładowca mgr Irena Koss

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1	1						
Theory/Practice			T	T						
Hours per Week			2	2						
Assessment Form			Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need a basic knowledge of inorganic chemistry.

**Final requirements**

Students should obtain a credit for the final examination.

**Assessment criteria**

The knowledge and logical reasoning displayed by the student.

**Course aims**

*Theory and practice:*

- Becoming familiar with the issues related to the weathering processes of mineral mortars.
- Understanding the maturation processes of mineral binders, learning their features.
- Becoming familiar with the fillers used in mineral mortars, their mineral composition, possible contaminants, methods of bonding with binders.

*The language of instruction is Polish.*

**Course Title**

Materials – mineral binders and fillers

**Course Code**

KZ/S/J/KR/NK/23

**Course Tutor(s)**

st. wykładowca mgr Irena Koss

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits						1				
Theory/Practice						T				
Hours per Week						2				
Assessment Form						Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students only need a basic knowledge of inorganic chemistry.

**Final requirements**

Students should obtain a credit for the final examination.

**Assessment criteria**

The knowledge and logical reasoning displayed by the student.

**Course aims***Theory and practice:*

- Understanding the maturation processes of mineral binders, learning their features.
- Becoming familiar with the fillers used in mineral mortars, their mineral composition, possible contaminants, methods of bonding with binders.

*The language of instruction is Polish.*

**Course Title**

Materials – organic binders of natural origin

**Course Code**

KZ/S/J/KM/NK/23, KZ/S/J/KT/NK/21, KZ/S/J/KR/NK/23, KZ/S/J/KG/NK/26

**Course Tutor(s)**

as. mgr Anna Nowicka, adi.. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1							
Theory/Practice			T/P							
Hours per Week			2							
Assessment Form			Exam							
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1.

**Final requirements**

Students should obtain a pass in the final examination.

**Assessment criteria**

- Theoretical knowledge: 2 written tests (20%+20%); written examination (50%).
- Skills and attitude: evaluation of the student's performance during classes (10%).

**Course aims**

- Students on the course become familiar with the chemical structure and the ensuing physical and chemical properties of compounds that are the main constituents of natural binders, in order to better understand the structure of works of art destined for conservation.
- Students become proficient in the identification of organic compounds of natural origin and acquire skills in preliminary identification of these compounds by means of basic chemical reactions.
- Students become familiar with the applicability of particular binders of natural origin in technology and conservation of works of art.

*The language of instruction is Polish.*

**Course Title**

Microbiology

**Course Code**

KZ/S/J/KM/NK/26, KZ/S/J/KG/NK/29, KZ/S/J/KT/NK/23, KZ/S/J/KR/NK/28

**Course Tutor(s)**

as. mgr Bogdan Filip Zerek

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits									1	
Theory/Practice									T	
Hours per Week									2	
Assessment Form									Exam	
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 4.

**End-of-course requirements**

Students are asked to produce a descriptive written examination, timed at 60', 18 questions.

**Assessment criteria**

Verifying the student's knowledge and the ability to put that knowledge into practice during the process of conservation.

**Course aims**

Students on the course are provided with theory and practice in the following areas:

1. Biological issues in conservation and restoration of historic artefacts.
2. An overview of biological factors that cause damage to works of art (cell and organic structure, biochemistry, physiology, systematics).
3. Analysing the behaviour of objects and collections with regard to biological deterioration.
4. Methods of isolation, identification and control of biological agents which damage works of art.
5. Designing conservation experiments with biological agents.

*The language of instruction is Polish; classes could be held in English.*

**Course Title**

Chemistry – Conservation of old prints

**Course Code**

KZ/S/J/KG/NK/27

**Course Tutor(s)**

as. mgr Bogdan Filip Zerek

wykładowca mgr Katarzyna Królikowska Pataraja

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits				1	1	1				
Theory/Practice				T	T/P	T				
Hours per Week				2	2	2				
Assessment Form				Exam	PWG/ Exam	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a course credit for Year 1.

**Final requirements**

- Written examination (descriptive), time 60', 18 questions.
- Classroom attendance and performance – pass with grade.

**Assessment Criteria**

- Checking the student's knowledge and skills through their practical application in the process of conservation/restoration.
- Grading scale: ndst. (unsatisfactory/failure to pass) (<3/6 points max.), dst. (satisfactory) (from 3/6 to <4/6 points max.), db. (good) (from 4/6 to <5/6 points max.), bdb. (very good) (5/6 or >5/6 points max.).

**Course aims***Passing grades on the following knowledge with the ability to apply it in practice:*

- Chemical aspects of conservation and restoration of historic objects on paper, parchment or leather, at libraries or archives.
- Identification of the technological structure of objects.
- Analysis of the preservation of objects in order to identify the causes of damage.
- Basic kinds of conservation treatments of items in libraries or archives: disinfection, bleaching, de-acidification, preserving the layer of the medium and communication.
- Reversibility of the methods of conservation/restoration encountered and the removal of the means used.
- Inks, glues, adhesives, adhesive restoration tapes, solvents.
- Chemical treatments on leather bindings and parchment objects.
- Practical application of chemical research in the process of conservation/restoration: determining pH, fibre composition and parameters of optical paper media.

*The language of instruction is Polish; instruction in English is an option.*



**Course Title**

Chemistry – Conservation of sculpture

**Course Code**

KZ/S/J/KR/NK/24

**Course Tutor(s)**

adi dr Anna Zatorska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					3		2	2		
Theory/Practice					T/P		T	T		
Hours per Week					4		2	2		
Assessment Form					Exam		Exam	Exam		
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

None.

**Final requirements**

1. Students should obtain a credit for their lab work based on a paper and a passed examination (5th semester).
2. Passing grade in a written examination (7th, 8th semester).

**Assessment criteria**5th Semester:

1. Credit for classes – participation: 40%; paper: 40%; presentation of results: 20%.
2. Credit for lectures (admission to oral examination based on prior credit for Lab) – oral final examination: 80%; tests: 20%.

Semesters 7 and 8:

Final examination: 60%; tests: 10%; paper: 20%; participation in discussions: 10%.

**Course Aims**

1. Introduction to issues concerning the chemical preservation of stone in removing accretions, deformations arising on rock surfaces, hydrophobization, strengthening and insulation.
2. Understanding the processes of desalination of stone and qualitative and quantitative testing of water-soluble salts.
3. Independent testing of the technical characteristics of rocks. Correct interpretation of the results.
4. Using appropriate methods for cleaning and removing surface accretions from stone.
5. Gaining knowledge of the ceramic substrate, its composition and the changes taking place during firing.
6. Acquiring the ability to interpret the causes of deterioration of ceramic products.
7. Becoming familiar with the materials used in the conservation of ceramics in the past and the present day.
8. Preparing students for practical conservation work on ceramic objects.
9. Gaining knowledge of the methods used for drying the ground and walls.

10. Acquiring basic knowledge of compounds used for strengthening and hydrophobization.

*The language of instruction is Polish; instruction in English is an option.*

**Course Title**

Chemistry – Conservation of old books; chemistry of plant fibres

**Course Code**

KZ/S/J/KG/NK/27

**Course Tutor(s)**

as. mgr inż. Elżbieta Jeżewska, adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits			1							
Theory/Practice			T							
Hours per Week			1							
Assessment Form			Exam							
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should receive a course credit for Year 1.

**Final requirements**

Passing grade in a final examination.

**Assessment criteria**

- Preparation for practical exercises in recognizing wood: 15%.
- Report from the exercises: 15%.
- Final examination: 70%.

**Course aims**

1. Students on the course gain knowledge of the structure of wood as the main raw material for the production of pulp at microscopic and submicroscopic levels.
2. Students learn about the chemical structure of the components of plant fibres and their basic physical and chemical properties.
3. Completing the course means students acquire the language that allows the student to hold a dialogue with scientists.

*The language of instruction is Polish.*

**Course Title**

Chemistry – Conservation of Textiles

**Course Code**

KZ/S/J/KT/NK/22

**Course Tutor(s)**

wykładowca mgr Katarzyna Królikowska-Pataraja

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					1	1				
Theory/Practice					T	T				
Hours per Week					1	1				
Assessment Form					Pass	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a course credit for Year 1.

**Final requirements**

Passing grade in the final examination.

**Assessment criteria**

- Preparation for lectures: 25%.
- Preparation and presentation of original material: 25%.
- Credit for tests and final examination: 50%.

**Course aims**

1. Becoming skilled in recognizing the causes of the processes of deterioration of fabrics.
2. Familiarity with the processes of degradation of proteins, cellulose, lignin, etc.
3. Familiarity with the preparations used in the processes of cleaning and protecting the surface of fabrics.
4. Learning the methods used for removing impurities from the surface of the fabric.

*The language of instruction is Polish.*

**Course Title**

Fundamentals of Wood Science

**Course Code**

KZ/S/J/KM/NK/25

**Course Tutor(s)**

as. mgr inż. Elżbieta Jeżewska, adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits					2	2				
Theory/Practice					T/P	T/P				
Hours per Week					2	2				
Assessment Form					Pass	Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should receive a credit for Year 2.

**Final requirements**

- Semester 1: students should obtain a credit for classes (attendance, completing assignments, reports).
- Semester 2: students should pass a final exam on the content of two semesters.

**Assessment criteria**

- Progress tests and active participation in laboratory practice: 8%.
- Reports: 3%.
- Theoretical and practical written test of the knowledge of the structure and identification of wood: 30%.
- Preparation and presentation of a paper: 9%.
- Final examination: 50%.

**Course aims**

- Students on the course learn about wood as a raw material and resource to the degree necessary to identify the type of wood and initially assess how it should be preserved. Students are able to analyse the environment of an historic object for threats, as well as helping to draw up a programme of conservation work. This knowledge includes the microscopic and chemical structure of wood, its selected physical and chemical properties and the associated stability and resistance of wood to various causes of degradation.
- Students become familiar with the theoretical basis of preservation of historic wood with regard to its disinfection, disinfestation, reinforcement and the filling of lacunae.
- Having the requisite vocabulary to facilitate dialogue with scientists.

*The language of instruction is Polish.*

**Course Title**

Knowledge of Paper

**Course Code**

KZ/S/J/KG/NK/28

**Course Tutor(s)**

as. mgr inż. Elżbieta Jeżewska, adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits		1	1							
Theory/Practice		T	T							
Hours per Week		1	1							
Assessment Form		Exam	Exam							
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students need to obtain a validation credit for Year 1.

**Final requirements**

Students should receive a passing grade in the final examination.

**Assessment criteria**

- Credit for written tests: 80%.
- Participation in discussions: 20%.

**Course aims**

1. Students on the course learn about paper as a support for works of art.
2. Students learn to recognize the basic characteristics of paper artefacts.
3. The course enables students to assess the conservation status of paper artefacts.

*The language of instruction is Polish.*

**Course Title**

Selected issues of geology and petrography

**Course Code**

KZ/S/J/KR/NK/25

**Course Tutor(s)**

as. mgr Anna Puchta

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits	3	3	2	1						
Theory/Practice	T	T	T	T						
Hours per Week	2	2	2	2						
Assessment Form	Exam	Exam	Exam	Exam						
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should have a knowledge of basic inorganic chemistry.

**Final requirements**

Students need a passing grade in the examinations that follow each semester.

**Assessment criteria**

The knowledge and logical reasoning displayed by the student.

**Course aims**

By the end of the course students should:

- Possess the ability to identify minerals and rocks.
- Be able to define the physical, mechanical and chemical erosion of rocks.
- Be able to accurately describe areas of damage.
- Have acquired the ability to describe the technical characteristics of rocks: specific weight and volumetric weight, porosity, leakage, water absorption, frost resistance.

*The language of instruction is Polish.*

**Course Title**

Selected topics in materials science

**Course Code**

KZ/S/J/KM/NK/24

**Course Tutor(s)**

as. mgr Anna Nowicka, adi. dr inż. Joanna Kurkowska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits										
Theory/Practice										
Hours per Week										
Assessment Form										
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

Students should obtain a credit for Year 1.

**Final requirements**

Students need to pass an examination at the end of the course.

**Assessment criteria**

Two written tests (25%+25%).

A written examination (50%).

**Course aims**

1. Students on the course become familiar with the chemical structure and related physical and chemical properties of liquids, which are the main ingredients of solvent compounds used in conservation. Students become aware of the health risks due to the toxicity of some of these agents.
2. Students learn about the threat that some living organisms pose to historic artefacts and the methods to eradicate them and various preventative measures. Students learn about commercially available preparations, including the health hazards associated with them.

*The language of instruction is Polish.*



**Course Title**

Selected topics in materials science – filling the lacunae

**Course Code**

KZ/S/J/KR/NK/26

**Course Tutor(s)**

adi dr Anna Zatorska

Year	I		II		III		IV		V	
Semester	1	2	3	4	5	6	7	8	9	10
ECTS Credits						1				
Theory/Practice						T/P				
Hours per Week						2				
Assessment Form						Exam				
Description	T – Theory; P – Practice; Pass; PWG – Pass With Grade; Exam, PE – Panel Exam									

**Entry requirements**

None.

**Final requirements**

Students need to pass an exam and obtain a validation credit for classroom attendance.

**Assessment criteria**

1. Final examination – 60%.
2. Collective or individual paper – 20%
3. Progress tests – 10%.
4. Participation in lab classes – 10%.

**Course aims**

By the end of the course students can:

1. Select mortar (binders and fillers) for repairs.
2. Make informed use of the appropriate materials for filling the lacunae in stones.
3. Demonstrate their knowledge of the physical and chemical properties of mineral and synthetic binders.
4. Individually prepare selected commercial mortars or mortars produced according to their own formula.

*The language of instruction is Polish; classes could be held in English.*