

## Course description

<b>Course abbreviation:</b>	KME/OP	<b>Page:</b>	1 / 4
<b>Course name:</b>	Sights Return		
<b>Academic Year:</b>	2023/2024	<b>Printed:</b>	01.06.2024 09:26

<b>Department/Unit /</b>	KME / OP			<b>Academic Year</b>	2023/2024
<b>Title</b>	Sights Return			<b>Type of completion</b>	Exam
<b>Accredited/Credits</b>	Yes, 3 Cred.			<b>Type of completion</b>	Combined
<b>Number of hours</b>	Lecture 2 [Hours/Week] Tutorial 1 [Hours/Week]			<b>Course credit prior to</b>	YES
<b>Occ/max</b>	Status A	Status B	Status C	<b>Counted into average</b>	YES
<b>Summer semester</b>	0 / -	0 / -	0 / -	<b>Min. (B+C) students</b>	10
<b>Winter semester</b>	0 / -	0 / -	0 / -	<b>Repeated registration</b>	NO
<b>Timetable</b>	Yes			<b>Semester taught</b>	Winter semester
<b>Language of instruction</b>	Czech			<b>Internship duration</b>	0
<b>Optional course</b>	Yes			<b>Ev. sc. – cred.</b>	S/N
<b>Evaluation scale</b>	1 2 3 4				
<b>No. of hours of on-premise</b>					
<b>Auto acc. of credit</b>	No				
<b>Periodicity</b>	K				
<b>Substituted course</b>	None				
<b>Preclusive courses</b>	N/A				
<b>Prerequisite courses</b>	N/A				
<b>Informally recommended courses</b>	N/A				
<b>Courses depending on this Course</b>	N/A				

### Course objectives:

The student:

- will become acquainted with the summary of the major international instruments for conservation and cultural legislation in the Czech Republic
- will be familiar with the basic structures of historical buildings with focus on the principles used on our territory.
- will be familiar with the specific features of project preparation and project documentation in the process of care for historical monuments
- will understand the care for roofs of historic buildings, approaches to restore the building's architecture, preservation and maintenance, structural adjustment of castle ruins, care of stone sculptures and monuments.

### Requirements on student

for credit:

preparation and presentation of an individually assigned semester project of a chosen monument: stating the conception of pre-project preparation based on a field inspection with the determination of optimal rehabilitation for a specified

Chosen monument: establishing conception of pre-project preparation based on a field inspection with the determination of optimal rehabilitation object for the specified use

Credits from the subject KME/OP obtained in previous studies are not acknowledged

for exam:

Active knowledge of the content of the course, ability to apply the knowledge to solve specific cases of monument protection

### Content

1st Week: International documents on landmarks protection. The law on state landmarks, organization of the Department of cultural protection in the Czech Republic. Specifics of the legislative procedures for construction projects to ensure the maintenance and restoration of monuments, the issue of protection of historic cities and villages, access to heritage protection in the Czech Republic

2nd Week: Pre-project preparation and project preparation for monuments (survey, photographic documentation, inventory of components, diagnostics, structural and historical survey, surveys of the facades, archaeological research, restoration surveys, material surveys)

3rd Week: Pre-project preparation and project preparation for monuments (preparation of concepts, recovery principles and types of presentation of the historic structure of monuments, project documentation, final realization project)

4th Week: List of structures used in various historical periods.

5th Week: Construction of historic buildings: walls, timber walls, ceilings, arches

6th Week: Construction of historic buildings: stairs, heating, water management

7th Week: Construction of historic buildings: doors and windows, finishes, additional constructions

8th Week: Approach to the restoration of monuments of folk architecture (general approaches, basic characteristics of structures and approaches for their repair: roofs, chimneys, brick walls, timber walls, horizontal structures)

9th Week: Approach to the restoration of monuments of folk architecture: basic characteristics of structures and approaches for their repair (roof systems, stairs, floors, doors and windows, agricultural structures and their characteristics)

10th Week: Roofs of historic buildings (the main principles, repairs of roofs, bearing elements, metal elements)

11th Week: Stone statues and monuments (the methodological and aesthetic principles, selected problems in the restoration, technology, surveys)

12th Week: Protection, maintenance and modifications of castle ruins (methodological approaches, classification approaches, styles, historical value, social function, conception of repairs, repairs)

13th Week: Preventive care for historic buildings and objects stored within.

## Fields of study

### Guarantors and lecturers

- **Guarantors:** Ing. Luděk Vejvara, Ph.D. (100%)

### Literature

- **Recommended:** Jiří Škabrada. *Konstrukce historických budov*. ČVUT.
- **Recommended:** Metodika vydávaná Národním památkovým ústavem, ústředním pracovištěm v Praze. *Metodika vydávaná Národním památkovým ústavem, ústředním pracovištěm v Praze*.
- **Recommended:** V. Gírsa, J. Holeček, P. Jerie, D. Michoninová. *Předprojektová příprava a projektová dokumentace v procesu péče o stavební památky*. NPÚ ú.p. Praha.

### Time requirements

#### All forms of study

Activities	Time requirements for activity [h]
Contact hours	39
Preparation for an examination (30-60)	30
Graduate study programme term essay (40-50)	30
<b>Total:</b>	<b>99</b>

### assessment methods

**Knowledge - knowledge achieved by taking this course are verified by the following means:**

Seminar work

Combined exam

**Skills - skills achieved by taking this course are verified by the following means:**

Combined exam

**Competences - competence achieved by taking this course are verified by the following means:**

## Combined exam

**prerequisite**

**Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:**

- The student knows
- building materials, building construction and renovation of buildings
  - basic concepts of art history

znát a orientovat se v problematice rekonstrukcí staveb

znát a orientovat se v oblasti dějin umění a architektury

znát a orientovat se ve stavební statice a ve stavební fyzice

znát a orientovat se v technologii staveb

**Skills - students are expected to possess the following skills before the course commences to finish it successfully:**

zakreslovat stávající stavy budov kreslit odpovídající stavební výkresy

orientovat se v historických a tradičních stavebních konstrukcích

klasifikovat tradiční materiály pro stavby

staticky posuzovat jednoduché stavební konstrukce

zpracovávat textové zprávy s podklady s odbornou stavební tematikou

**Competences - students are expected to possess the following competences before the course commences to finish it successfully:**

N/A

N/A

**teaching methods**

**Knowledge - the following training methods are used to achieve the required knowledge:**

Lecture

Practicum

**Skills - the following training methods are used to achieve the required skills:**

Lecture with visual aids

Practicum

**Competences - the following training methods are used to achieve the required competences:**

Lecture

**learning outcomes**

**Knowledge - knowledge resulting from the course:**

Student

- focuses on issues of Sights Return

získat znalosti a přehled o jednotlivých historických stavebních konstrukcích

získat znalosti o péči o staré konstrukce a o jejich opravě

orientovat se v předprojektové přípravě oprav památek a v související legislativě

získat znalosti o lidové a venkovské architektuře

**Skills - skills resulting from the course:**

navrhovat péči o staré konstrukce a jejich opravu

specifikovat zaměření a rozsah stavebních průzkumných prací

vytvořit dokumentaci stávajícího stavu objektu

vytipovat a posoudit poškozené a nevyhovující konstrukce v budově

osvojit si typologii a provozní a technické řešení památkových objektů

**Competences - competences resulting from the course:**

N/A

N/A

**Course is included in study programmes:**

Study Programme	Type of	Form of	Branch	Stage	St. plan	v. Year	Block	Status	R.year	R.
Land-Use Planning	Postgraduate Master	Full-time	Informační modelování staveb	1	2018	2023 akr	Povinně volitelné předměty	B	1	ZS
Land-Use Planning	Postgraduate Master	Full-time	Strategické plánování měst a regionů	1	2018	2023 akr	Povinně volitelné předměty	B	1	ZS