Universidad de Navarra

International Seminar (Gestión Del Proyecto Técnico) Construcción (GEA)

Guía docente 2026-27

INTRODUCTION

Course description:

This intense seminar will explore the entire range of conservation themes from the protection of a rural landscape and its built vernacular to a dense urban environment with individual architectural monuments. Architectural heritage makes places unique, creates a sense of home and links us to our past while reinforcing communities; but is fragile and must be vigorously protected and promoted through an understanding of underlying values, communication, exemplary projects, research and education. But historic places must also live and thrive, thus it is essential for contemporary architects to know how to appropriately intervene.

The seminar offers an overview of technology and associated strategies in the conversation of buildings including associated and topical technical issues in conservation (sustainability, management, maintenance). Case study examples will be used extensively to illustrate different concepts and key approaches currently used in built heritage conservation as well as various techniques for intervention: preservation, restoration, rehabilitation.

- **Degree**: Grado en Estudios de Arquitectura
- **Module in the Degree Program**: Menciones / Gestión del Proyecto Técnico
- **Number of credits**: 3 ECTS
- **Year**: 3rd, 4th, or 5th year / 2nd semester
- **Type of course**: Elective
- **Instructors**: Dr. Rand Eppich, Dr. Joaquín Torres Ramo (jtorram@unav.es)
- **Idioma**: English - Spanish
- **Lecture schedule**: Aula 0 - Taller 3. From 9.00 to 14.00 and from 15.30 to 18.00

LEARNING OUTCOMES (Competencies)

BASIC COMPETENCIES

BC02 Students must know how to apply their knowledge professionally to their job or career and have the skills that usually demonstrated by writing and supporting their arguments, and problem-solving within their area of study.

BC04 Students are able to convey information, ideas, problems and solutions to specialist and non-specialist audiences.

BC05 Students have developed the learning skills necessary to undertake further studies with a high degree of autonomy.

GENERAL COMPETENCIES

GC04 Understand the structural, construction and engineering design problems associated with building design as well as the techniques for solving them.

GC07 Understand the relationships between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale.

SPECIFIC COMPETENCIES

SC19 Ability to conceive, calculate, design, integrate into buildings and urban complexes, and execute cladding systems, roofing and other framing (T).

SC67 Use of English, level B2, to a sufficient level for the scientific and academic terminology typically used in architecture.

PROGRAM

- Lecture I - *History and theory of architectural conservation. A general overview.*
- Lecture II - A*n interdisciplinary challenge. Cases studies.*
- Lecture III - *Architectural conservation and new uses.*

EDUCATIONAL ACTIVITIES

This week#long intense seminar will be a balanced mixture of **lecture**, **discussion**, and **project activities**. The lectures will introduce participants to the theories, context, terminology, and history through both good and bad examples. Later, the interactive discussions are intended to stimulate thought and provoke an exchange of ideas and provide feedback for both the participants and the instructor. Finally, the third component is to learn by doing. A short project will be selected and the theories applied with the aid of the instructor. This project will be developed in teams to explore the entire range of conservation themes from the protection of a rural landscape and its built vernacular to a dense urban environment with individual architectural monuments. Each afternoon is dedicated to working on this project with the aid of the instructor and the lectures are structured to support this project. Final projects will be presented on the last morning of the course with invited guest jurors.

EDUCATIONAL ACTIVITIES		**(Total: 112.5 hours)**	
AF1	Theoretical classes	15	X
AF2	Practices and workshops	20	X
AF3	Directed works (individuals or group)	22.5	X
AF5	Tutorials	5	X
AF6	Individual student study and work	50	X

ASSESSMENT

EVALUATION IN THE ORDINARY CALL

- To calculate the final grade, course performance and grading will be determined as follows:

GRADING SYSTEM			
10-20%	Asistencia y participación en clases expositivas, prácticas y magistrales	X	10%
40-80%	Trabajos prácticos individuales y en equipo	X	70%
0-40%	Defensa oral de los trabajos	X	20%
0-50%	Exámenes (parciales y finales)		0%

- For those students who do not pass the course in the ordinary call, there will be an extraordinary project (70%) and an additional exam (30%).

Accommodation will be provided for students with special learning needs, either regarding the methodology and/or evaluation of the course, but they will be expected to fulfill all course objectives.

OFFICE HOURS

Dr. Joaquín Torres Ramo.....(jtorram@unav.es)

- Office A1115. Edificio Escuela de Arquitectura.
- Tutorial schedule: Monday, 12.00 -14.00.

Please ask for an appointment by sending an e-mail.

BIBLIOGRAPHY AND RESOURCES

Basic bibliography:

J. Jokilehto, *A History of Architectural Conservation*, London, Butterworth, 1996.

N. Stanley Price, M. Kirby Talley Jr., A. Melucco Vaccaro (eds), *Historical and Philosophical Issues in the Conservation of Cultural Heritage*, The Getty Conservation Institute, Los Angeles, 1996.

P. Torsello (ed. by), *Che cos'è il restauro. Nove studiosi a confronto*, Marsilio, Venezia, 2005.

S. Salvo, *Restaurare il Novecento. Storia, esperienze e prospettive in architettura*, Quodlibet, Macerata, 2016.

Universidad de Navarra

Complementary bibliography:

Athens Charter, 1931

http://www.icomos.org/en/charters#and#texts/179#articles#en#francais/ressources/charters#andstandards/167#the#athens#charter#for#the#restoration#of#historic#monuments

Brandi, Cesare

Theory of Restoration, I

http://isites.harvard.edu/fs/docs/icb.topic822683.files/Brandi_Theory%20of%20Restoration%20I_sm.pdf

Betts, Gary

Construction Documentation Specifications, American Institute of Architects

http://www.aia.org/aiaucmp/groups/aia/documents/pdf/aiab089223.pdf

This is a short description of the function of technical specifications

Burman, Peter

A Question of Ethics Building Conservation.com

http://www.buildingconservation.com/articles/ethics/conservation_ethics.htm

Burra Charter, Australia ICOMOS Charter for Places of Cultural Significance, 1999

http://australia.icomos.org/wp#content/uploads/BURRA#CHARTER#1999_charter#only.pdf

Read the right side bars Explanatory Notes alongside the Articles and Conservation Principles

Choudhury, Bill of Quantities

https://www.tamu.edu/faculty/choudhury/boq.htm

Provides a concise description of the objectives of a Bill of Quantities.

Clark, Kate

Values in Culture Resource Management. *Values#based heritage management in the UK. Capturing the Public Value of Heritage*.

https://ucs.academia.edu/KateClark

Clark, Kate

Preserving What Matters: Value#led Planning for Cultural Heritage Sites, The Getty Conservation Institute

http://www.getty.edu/conservation/publications_resources/newsletters/16_3/feature.html

Cultural Heritage, What is it? Why is it important?

Social Sciences and Humanities Research Council of Canada, Simon Fraser University, 2014

http://www.sfu.ca/ipinch/sites/default/files/resources/fact_sheets/ipinch_chfactsheet_final.pdf

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De la Torre, Marta

The Getty Conservation Institute, Assessing the Values of Cultural Heritage: Research Report.

http://www.getty.edu/conservation/publications_resources/pdf_publications/values_cultural_heritage.Html

Duguay, Gary

The architectural Preservation Process, Heritage Notes Architectural Preservation Number 4 Alberta Community Development. This describes in more detail the information outlined above with graphic examples of each document of service.

http://culture.alberta.ca/documents/HeritageNotes#4#Architectural#Preservation.pdf

Grigsby, Ernest L.

Construction Documentation—Drawings, American Institute of Architects

http://www.aia.org/aiaucmp/groups/aia/documents/pdf/aiab089222.pdf

Hayden, Dolores

The Power of Place, Urban Landscapes as Public History

http://isites.harvard.edu/fs/docs/icb.topic822683.files/Hayden_Place%20Memory%20and%20Urban%2

0Preservation_sm.pdf

Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict 1954

http://www.unesco.org/new/en/culture/themes/armed#conflict#and#heritage/

Historic England, Heritage Makes You Happy, 2014

https://historicengland.org.uk/whats#new/news/heritage#makes#you#happy

Historic England, Heritage Counts, Heritage and Society, 2016

https://content.historicengland.org.uk/content/heritage#counts/pub/2016/heritage#and#society#2016.pdf

ICCROM Conservation Studies, Conserving the Authentic, Essays in Honour of Jukka Jokilehto,

http://www.iccrom.org/ifrcdn/pdf/ICCROM_ICS10_JukkaFestchrift_en.pdf

ICOMOS Documentation Center Charters and other doctrinal texts – this includes all the Charters and

Declarations (Venice Charter), etc. available for download

http://www.icomos.org/en/charters#andother#doctrinal#texts

ICOMOS Guide to International Charters

http://www.icomos.org/charters/charters.pdf

Recommendations of the Madrid Conference, 1904

http://www.getty.edu/conservation/publications_resources/research_resources/charters/charter01.html

ICOMOS History of the Venice Charter

http://www.icomos.org/venicecharter2004/history.pdf

ICOMOS Canada Publications

http://ip51.icomos.org/~fleblanc/publications/pub_icomos#canada.html

ICOMOS the Nara Document on Authenticity, 1994

http://www.icomos.org/charters/nara#e.pdf

Jokilehto, Jukka,

What is OUV? Defining the Outstanding Universal Value of Cultural World Heritage Properties, The World Heritage List, ICOMOS

http://www.icomos.de/pdf/Monuments_and_Sites_16_What_is_OUV.pdf

Jokilehto, Jukka,

A History of Architectural Conservation: ICCROM 1986 PhD Thesis University of York. Introduction pages 6#9. Chapter 16: France, Stylistic Restoration 16.4 Viollet#le#Duc and the Theory of ´Stylistic Restoration´ pages 277#283. Chapter 17: England, Morality and Restoration John Ruskin – 17.3 pages 304 # 313

http://www.iccrom.org/ifrcdn/pdf/ICCROM_05_HistoryofConservation00_en.pdf

Jokilehto, Jukka

ICCROM 1986 PhD Thesis University of York # Alois Riegl, History of Conservation Jokilehto section 19.4 pages 378#382

http://www.iccrom.org/ifrcdn/pdf/ICCROM_05_HistoryofConservation00_en.pdf

LeBlanc, François

Heritage Conservation Terminology Numerous definitions from a variety of sources.

http://ip51.icomos.org/~fleblanc/documents/terminology/doc_terminology_e.html

Mayes, Tom

Why do Old Places Matter?

http://forum.savingplaces.org/blogs/forumonline/2016/03/30/blog#series#why#do#old#places#matter

A good blog from the National Trust for Historic Preservation on why old places matter with a personal touch.

Matero, Frank G.

Loss, Compensation, and Authenticity: The Contribution of Cesare Brandi to Architectural Conservation in America, University of Pennsylvania, 2007

http://repository.upenn.edu/cgi/viewcontent.cgi?article=1010&context=hp_papers

Morris, William

The Society for the Protection of Ancient Buildings, The Manifesto (SPAB)

https://www.spab.org.uk/what#is#spab#/the#manifesto/

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Pevsner, Nikolaus Ruskin and Viollet#le#Duc, Englishness and Frenchness in the Appreciation of Gothic Architecture

https://www.gwu.edu/~art/Temporary_SL/177/pdfs/ruskin_viollet.pdf

Philippot, Paul Historic Preservation: Philosophy, Criteria, Guidelines

http://mestrado#reabilitacao.fa.utl.pt/disciplinas/jaguiar/philippot4#26.pdf

Riegl, Alois The Modern Cult of Monuments: Its Essence and Its Development

http://isites.harvard.edu/fs/docs/icb.topic822683.files/Riegl_The%20Modern%20Cult%20of%20Monuments_sm.pdf

Ruskin, John

The Seven Lamps of Architecture, 1907

http://projects.ecfs.org/Fieldston272/ModArch/Readings/MAxRuskin7Lamps.pdf

Read Chapter VI # The Lamp of Memory and Chapter VII # The Lamp of Obedience Secretary of the Interior´s Standards for the Treatment of Historic Properties With Guidelines for Preserving, Rehabilitating Restoring & Reconstructing Historic Buildings.

https://www.nps.gov/tps/standards/four#treatments/treatment#guidelines.pdf

Taylor, Jonathan

Introducing Building Conservation, Cathedral Communications Limited.

http://www.buildingconservation.com/articles/intro.htm

This is an excellent source of information concerning a wide variety of topics covering architectural conservation

UNESCO Operational Guidelines for the Implementation of the World Heritage Convention #

WHC. 08/01January 2008 # http://whc.unesco.org/archive/opguide08#en.pdf

UNESCO, The Operational Guidelines for the Implementation of the World Heritage Convention

http://whc.unesco.org/en/guidelines/

UNESCO History of the World Heritage Convention

http://whc.unesco.org/en/convention/

Van Balen, Koenraad The Nara Grid:

An Evaluation Scheme Based on the Nara Document on Authenticity

http://orcp.hustoj.com/wp#content/uploads/2016/01/2008#The#Nara#Grid#An#Evaluation#Scheme#Based#on#the#Nara#Document#on#Authenticity.pdf

Venice Charter 1964

http://www.icomos.org/charters/venice_e.pdf

Viollet#le#Duc,

Eugéne#Emmanuel Restoration

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http://isites.harvard.edu/fs/docs/icb.topic822683.files/Viollet%20Le%20Duc_%20Restoration_sm.pdf

Viollet#le#Duc

Discourses on Architecture.

https://archive.org/stream/discoursesonarc00violgoog#page/n6/mode/2up

World Heritage Convention 1972 *Convention Concerning the Protection of the World Cultural and Natural Heritage*

http://whc.unesco.org/en/conventiontext/