



## Course guides

# 290641 - INTERVEPA1 - Intervention in the Building Stock

Last modified: 06/10/2020

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 753 - TA - Department of Architectural Technology.  
**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).  
**Academic year:** 2020    **ECTS Credits:** 4.0    **Languages:** Catalan, Spanish

### LECTURER

**Coordinating lecturer:** Gonzalez Solanes, Manuel  
**Others:** Primer quadrimestre:  
MARIA DE MONTSERRAT CUCURELLA JORBA - 1  
MANUEL GONZALEZ SOLANES - 1

### DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

#### Specific:

ET3G. An aptitude for conserving building structures, foundations and civil works.  
ET4G. An aptitude for conserving finished works.  
ET10G. The ability to conserve rough building work.  
ET12G. The ability to conserve installations.

#### Generical:

CE10. A capacity for design that satisfies the requirements of the users of a building and respects the limits imposed by budget factors and building regulations.  
CE1. An aptitude for creating architectural projects that meet both aesthetic and technical demands.

### TEACHING METHODOLOGY

### LEARNING OBJECTIVES OF THE SUBJECT

To have knowledge of both the techniques and the typologies necessary to face the problems arising from the existence of pathologies or existing buildings, victims of their transformation not to fall into a debris.

### STUDY LOAD

Type	Hours	Percentage
Self study	56,0	56.00
Hours medium group	22,0	22.00
Hours large group	22,0	22.00

**Total learning time:** 100 h



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### Syllabus

**Description:**

Get the knowledge and tools necessary to deal with all kinds of tasks related to rehabilitation and intervention in the building stock.

**Full-or-part-time:** 44h

Theory classes: 22h

Practical classes: 22h

## GRADING SYSTEM

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## BIBLIOGRAPHY

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**Basic:**

- Fiol Femenia, Francisco. Manual de patología y rehabilitación de edificios. Burgos: Universidad de Burgos, cop. 2014. ISBN 9788492681785.
- Espasandín López, Jesús; García Casas, José Ignacio. Manual para el diseño, cálculo y construcción de apeos y refuerzos alternativos. Madrid: Munilla-Lería, DL 2002. ISBN 84-89150-53-2.
- Bellmunt i Ribas, Rafael; Paricio Casademunt, Antoni; Vilà Martínez, Antonia. Reconeixement, diagnosi i intervenció a les façanes. Barcelona: Institut de Tecnologia de la Construcció de Catalunya, DL 2000. ISBN 84-7853-403-2.
- Trujillo, Lara; Caula, Lluís. Manual de diagnosis e intervención en cubiertas planas. Barcelona: Col·legi d'Aparelladors i Arquitectes Tècnics de Barcelona, 2002. ISBN 8487104509.
- Bellmunt i Ribas, Rafael. Manual de diagnosis e intervención en estructuras de hormigón armado. Barcelona: Col·legi d'Aparelladors i Arquitectes Tècnics de Barcelona, 2000. ISBN 8487104436.
- Muñoz Hidalgo, Manuel; Sierra Calle, María. Manual de patología de la edificación : detección, diagnosis y soluciones. Sevilla: Manuel Muñoz Hidalgo, 2012. ISBN 9788461562169.