

Course guide

210287 - DAAR - Acoustic Design of Architecture

Last modified: 10/11/2022

Unit in charge: Barcelona School of Architecture
Teaching unit: 740 - DUTP - Department of Urbanism, Territory and Landscape.
753 - TA - Department of Architectural Technology.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).
Academic year: 2022 **ECTS Credits:** 3.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Caballero Marcos, Isabel Amaya
Others: Clúa Uceda, Álvaro
Daumal Domenech, Francesc De Paula

REQUIREMENTS

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DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EAB1. Translation from Spanish slope
EAB6. Translation from Spanish slope
EAB8. Translation from Spanish slope
EP14. Translation from Spanish slope
EP18. Translation from Spanish slope
EP2. Translation from Spanish slope
EP8. Translation from Spanish slope
ET1. Translation from Spanish slope
ET2. Translation from Spanish slope

Generical:

CG5. Translation from Spanish slope
CG7. Translation from Spanish slope

Transversal:

CT1. Translation from Spanish slope
CT2. Translation from Spanish slope
CT3. Translation from Spanish slope
CT4. Translation from Spanish slope
CT5. Translation from Spanish slope

Basic:

CB1. Translation from Spanish slope
CB2. Translation from Spanish slope
CB3. Translation from Spanish slope
CB4. Translation from Spanish slope
CB5. Translation from Spanish slope

TEACHING METHODOLOGY

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LEARNING OBJECTIVES OF THE SUBJECT

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STUDY LOAD

Type	Hours	Percentage
Self study	42,0	56.00
Hours large group	33,0	44.00

Total learning time: 75 h

CONTENTS

Acoustic design of architecture

Description:

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Related activities:

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Related competencies :

CG7. Translation from Spanish slope
CG5. Translation from Spanish slope
ET2. Translation from Spanish slope
EP14. Translation from Spanish slope
EAB6. Translation from Spanish slope
EAB8. Translation from Spanish slope
EAB1. Translation from Spanish slope
EP2. Translation from Spanish slope
EP18. Translation from Spanish slope
EP8. Translation from Spanish slope
CT2. Translation from Spanish slope
CT4. Translation from Spanish slope
CT5. Translation from Spanish slope
CT3. Translation from Spanish slope
CB2. Translation from Spanish slope
CB3. Translation from Spanish slope
CB1. Translation from Spanish slope
CB5. Translation from Spanish slope
CB4. Translation from Spanish slope

Full-or-part-time: 75h

Theory classes: 33h

Self study : 42h

GRADING SYSTEM

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EXAMINATION RULES.

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BIBLIOGRAPHY

Basic:

- Carrión Isbert, Antoni. Diseño acústico de espacios arquitectónicos [on line]. Barcelona: Edicions UPC, 1998 [Consultation: 12/07/2021]. Available on: <http://hdl.handle.net/2099.3/36341>. ISBN 8483012529.
- Pérez Miñana, José. Compendio práctico de acústica. Barcelona [etc.]: Labor, 1969.
- Daumal Domènech, Francesc. Arquitectura acústica, poética y diseño. Barcelona: Edicions UPC, 2002. ISBN 8483016389.

Complementary:

- Arau, Higiní. ABC de la acústica arquitectónica. Barcelona: CEAC, DL 1999. ISBN 8432920177.
- Schafer, R. Murray. Voices of tyranny : temples of silence. Indian River: Arcana, 1993. ISBN 189512719X.

RESOURCES

Computer material:

- Nom recurs. Resource

Other resources:

The materials and documents of the subject may be written indistinctly in any languages of instruction.