



| Teaching Guide | | | | |
|---------------------|---|--------|--|---------|
| Identifying Data | | | | 2018/19 |
| Subject (*) | Basic Habitat | Code | 630G02062 | |
| Study programme | Grao en Estudos de Arquitectura | | | |
| Descriptors | | | | |
| Cycle | Period | Year | Type | Credits |
| Graduate | 2nd four-month period | Fifth | Optional | 6 |
| Language | SpanishGalicianEnglish | | | |
| Teaching method | Face-to-face | | | |
| Prerequisites | | | | |
| Department | Construcións e Estruturas Arquitectónicas, Cívís e AeronáuticasExpresión Gráfica ArquitectónicaProxectos Arquitectónicos, Urbanismo e Composición | | | |
| Coordinador | Lizancos Mora, Plácido | E-mail | placido.lizancos@udc.es | |
| Lecturers | Cuba Cabana, Hilda Lizancos Mora, Plácido Paz Agras, Mari Luz Raya de Blas, Antonio Rodríguez Alvarez, Jorge | E-mail | hilda.cuba@udc.es placido.lizancos@udc.es luz.paz.agras@udc.es antonio.raya@udc.es jorge.ralvarez@udc.es | |
| Web | | | | |
| General description | <p>ARCHITECTURAL ANALYSIS 2. PROJECT METHODOLOGY PROJECT. ADVANCED ARCHITECTURAL ANALYTICAL TOOLS.</p> <p>The aim of this course focuses on the acquisition of skills and abilities for the representation of architecture, graphically and using descriptive models, allowing the student to approach the study of various aspects of architectural design, its relationship with the environment and the adequacy to the needs of users, acquiring specific skills of technical and design areas.</p> | | | |

| Study programme competences / results | |
|---------------------------------------|---------------------------------------|
| Code | Study programme competences / results |

| Learning outcomes | | Study programme competences / results |
|---|--|---------------------------------------|
| 1. Foreseen nowadays characteristics in terms of Basic Habitat both in local or global environments, although in rich or in poor societies. | | |
| To achieve technical skills for analysing architecture using graphical tools and models. | | |
| 2. To know about the associated rights: right to the habitat, right to shelter and right to the city. | | |
| 3. Recognise the formal and non-formal processes of construction of the habitat from a complex perspective, that includes the analysis of the conflict of classes and of gender, the consideration of the environmental impact and the understanding of the existent tensions between the diverse nations and his cultural systems. | | |
| 4. Manage technical capacities for the implementation of appropriate technologies in the projects of habitat. | | |
| 5. Foreseen boundaries amid the different disciplines that act on the habitat: architecture, engineering, economy, political, anthropology, social sciences, education, healthcare... | | |

| Contents | |
|----------|-----------|
| Topic | Sub-topic |
| | |



| | |
|--|--|
| INTRODUCTION TO THE CASE STUDY | Introduction. Organization, objectives and methodology. Each year the course focuses on the study of a theme, which may be the work of an architect or a general topic. This theme will be presented at the beginning of the course. |
| INTRODUCTION TO THE GRAPHIC ANALYSIS OF THE ARCHITECTURE | What does architectural project mean? Learning how to read a project. Basic concepts for an introduction to analysis. Diagram as a means of expression |
| FUNCTIONAL ANALYSIS | The functional content of architecture. The functional structure as basis of architecture. Characteristics of the itineraries. Typology. Type and model. |
| SPATIAL ANALYSIS | Space and light as essence of architecture. The perception of architecture through its itineraries. Strategies to represent and analyze space. |
| LIGHTING ANALYSIS | Strategies to represent and analyze light. Light as vector to envisioning spaces. Natural direct light, reflected, blur, shadows. Light control and new technologies. |
| TOPOLOGICAL ANALYSIS | The 'genius loci'. Choosing a plot. The adaptation to the site: tension and harmony. Interior spaces, exterior spaces: connections. |
| TECHNOLOGICAL ANALYSIS | structural systems as a means on the materialisation and the meaningfulness of the architecture. |
| VISUAL ANALYSIS | Recognizing the visual appearance of an object. The shape as a start and the shape as a consequence. The generative process of shape as a connection between mass, space and surface. Geometry: graphic proposal for a morphological order. Geometric analysis. Module. Modular. |
| ANÁLISE FORMAL | Recoñecendo a aparencia visual dun obxecto. A forma como principio e a forma como consecuencia. O proceso xenerativo da forma como relación entre a masa, o espazo e a superficie. Xeometría: proposta gráfica para a ordenación morfolóxica. O concepto de módulo. |

| Planning | | | | |
|--------------------------------|------------------------|--------------------------------------|-------------------------------|-------------|
| Methodologies / tests | Competencies / Results | Teaching hours (in-person & virtual) | Student's personal work hours | Total hours |
| Guest lecture / keynote speech | | 22 | 1 | 23 |
| Oral presentation | | 5 | 5 | 10 |
| Field trip | | 8 | 0 | 8 |
| Events academic / information | | 9 | 0 | 9 |
| Workshop | | 28 | 70 | 98 |
| Supervised projects | | 28 | 40 | 68 |
| Directed discussion | | 6 | 0 | 6 |
| Personalized attention | | 3 | 0 | 3 |

(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

| Methodologies | |
|---------------|-------------|
| Methodologies | Description |



| | |
|--------------------------------|--|
| Guest lecture / keynote speech | Aimed at the conceptual introduction and providing the information necessary for the development of workshop exercises. |
| Oral presentation | Students do presentations, with the support of ICT, of the results of their work, interacting with teachers and other students. |
| Field trip | The field trip helps to know the buildings to be analyzed. |
| Events academic / information | To deepen the knowledge of specialized aspects of the subject that can provide new information to the general aspects of the course. |
| Workshop | In the workshops all methodologies (presentations, simulations, debates, problem solving, supervised exercises, etc.) are combined simultaneously on practical tasks, with the assistance of the teacher. |
| Supervised projects | The aim of the subject is to train the student in architectonic analysis, studying information resources upon real Case Studies. All this runs under the name of ?Work Tutelado?. This is a project, that will have to be run over the classes period in accordance with a scientific methodology as theoretical lectures happen. A final document where all his contents expressed with advanced communicative strategies advanced will be produced. |
| Directed discussion | Periodically crisis sessions will be held in order to discuss in an informal way the results of the group work, this discussion can be led by a moderator. |

Personalized attention

| Methodologies | Description |
|--|---|
| Supervised projects Workshop Oral presentation | Evaluation is a continuous process, in which the activity in each of the sessions of the course developed by the student is monitored and recorded. Periodically and whenever the student requires, he is informed of the level reached by his exercises in relation to the objectives of the subject. There is a period at the end of the course, free of theoretical sessions and workshops, in which the care is provided exclusively individually, so that each student is oriented in order to achieve the objectives of the subject and even the excellence. At all times of the semester teachers provide students individually with additional support in a suitable timetable. |

Assessment

| Methodologies | Competencies / Results | Description | Qualification |
|--------------------------------|------------------------|--|---------------|
| Supervised projects | | The supervised project, runs in a Design Studio environment and summarises all the subject contents. Here we recognise the maturity of the student. We evaluate the ability of addressing any architectonic analysis and a highly proficiency on graphical communicating skills in a professional personal portfolio. | 40 |
| Workshop | | The workshop is the area of synthesis of the subject. The Workshop simultaneously demonstrate the intellectual development of students and the knowledge of the course objectives, the mastery of the subject and the communication resources essential for an architect. | 30 |
| Guest lecture / keynote speech | | The contents of the theoretical sessions are essential to know the techniques and objectives of analysis which will then be used in the course work. | 10 |
| Events academic / information | | To enhance the knowlodge of highly specialised concepts or ideas, special academic events as lectures or keynote speakers can be launched. | 3 |
| Directed discussion | | The directed discussions will bring out the strength of the student's knowledge and visual communication mechanisms of their ideas. | 5 |
| Oral presentation | | As AA2 is a very practical subject, oral presentations done by the students are the best way to assess both knowledge and skills that are the objective of the subject. | 10 |
| Field trip | | Study trips can be organised when usefull for deepening on the knowlodge of artworks. | 2 |

Assessment comments



Students must attend the

keynote sessions and present the graphic works, models, etc. put forward in the workshops, with the level of quality required to pass the course.

Attendance to

the theoretical and practical sessions and workshops is compulsory at least 80%.

Without this requirement, the student will not pass the course. In order to

pass the subject, the student will have two opportunities: January and July.

The first one coincides with the date of submission of the last job, and may enable students to pass the course.

Students who do not pass this first

opportunity, may take a second one, which will consist of a practical exam in

July. The submission of exercises below 80% implies a grade of

"Absent" in the two assessment opportunities.

MOBILITY:

Teaching students on mobility programs will be adapted to teaching conditions

as well as supervised exercises and tests.

Sources of information

| | |
|----------------------|--|
| Basic | <ul style="list-style-type: none"> - Manuel Franco Taboada (2014). Arquitecturas para la Moda. URI: http://hdl.handle.net/2183/14685 - Antonio Amado y Manuel Franco (2013). Wright: debuxo II, análisis gráfico arquitectónico 2º, memoria docente curso 2003/2004. http://hdl.handle.net/2183/10020 - Antonio Amado y Manuel Franco (2017). Ando, Tadao ; Ito, Toyo : debuxo II, análisis arquitectónico 2º, memoria docente curso 2005/2006. http://ruc.udc.es/dspace/handle/2183/18342 - Antonio Amado y Manuel Franco (2017). Aalto, Alvar: debuxo II, análisis arquitectónico 2º, memoria docente curso 2004/2005. http://ruc.udc.es/dspace/handle/2183/18341 - Baker, Geoffrey H. (1989). Le Corbusier. Análisis de la forma. - Clark & Pause (1984). Arquitectura. Temas de composición. Aalto, Kahn, Moore, Stirling, Le Corbusier, Paladio, Venturi. - Ching, Frank (1988). Arquitectura: forma, espacio y orden.. - Ching, Frank (1989). Dibujo y proyecto. - Curtis, Wilian (1987). Le Corbusier, Ideas y formas.. - Fraser & Henmi (1994). Envisioning architecture. An analysis of drawing.. - Michel, Lou (1996). Light. The shape of space.. - Moo Zell (2008). The architectural Drawing Course.. - Moore /Allen & Lyndon (1974). La casa:forma y diseño.. - Norberg- Schulz, Christian (1967). Intenciones en arquitectura.. - Wittkower, Rudolf (1995). Los fundamentos de la arquitectura en la edad del humanismo.. - Varios autores (2014). Cadernos PFC. ETSAC, A Coruña. |
| Complementary | |

Recommendations

Subjects that it is recommended to have taken before

Architectural Analysis 1/630G02012

Drawing in Architecture/630G02002

Analysis of Architectural Forms/630G02007

Architectural Design 2/630G02006

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus



Other comments



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<![endif]--><p>Incoming students need to be highly proficiency on drawing skills,

both analogical either digital ones.&nbsp;</p><p>We highly recommend to acces only if ANALISIS 1 has been superated. This subject should not be taken simultaneously with superior

workshops. This subject must be attended in conjunction with Proyectos 4 and

Urbanismo 1 of the same semester.&nbsp;</p><p>Mobile phones, tablets or computers in theoretical classes are not allowed for non academic purposes. Violation of this rule may

result in the immediate expulsion from the classroom.</p>



(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.