



Architecture & Design Course Key Facts

Location	Online (live, not pre-recorded)
Class size	Maximum 15 students
Ages	15-18
Fees	£995 (2 weeks)
Dates	June - August (see our booking form for the latest availability)
Timings	Live tutorials take place from 1-3pm UK time
Outcome	Certificate of Achievement and personalised Letter of Recommendation

Architecture & Design Course Outline

Class	Class Content and Lesson Objectives
1	<p>Introduction to Architecture <i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• The course timeline and key topics that will be covered throughout the course, providing an overview of the learning journey.• What is architecture, including its definition, purpose, and significance in shaping the built environment.• The history of architecture, exploring different architectural styles and significant architectural movements from ancient civilizations to the modern era.• The role of architects, their responsibilities, and the impact of their designs on society. <p>Hands-on Design Project <i>Students will be able to:</i></p> <ul style="list-style-type: none">• Get an introduction to the hands-on design project, understanding the practical aspect of architectural design.• Familiarise themselves with the design brief and guidelines, developing an understanding of project requirements and constraints.



2	<p>Design Process</p> <p><i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• The design process in architecture, including the steps involved in conceptualising and developing architectural designs.• Sketching and drafting techniques used by architects to visualise and communicate their ideas.• Model making as a means of creating physical representations of architectural designs.
3	<p>Elements of Design</p> <p><i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• The elements of design and their application in architecture, including line, shape, form, space, texture, and colour.• The principles of design, such as balance, proportion, rhythm, emphasis, and unity, and how they contribute to the overall composition of architectural designs.
4	<p>Architectural Styles</p> <p><i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• The major architectural styles throughout history, including ancient, mediaeval, and modern architecture, with examples of iconic structures from different periods.• The influences of regional and cultural factors on architectural styles, exploring how architectural designs are shaped by local traditions, materials, and climate.
5	<p>Building Materials and Systems</p> <p><i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• Common building materials and their properties, including their structural, aesthetic, and functional characteristics.• Structural systems and building technology, examining different construction techniques and methods of assembling architectural elements.• Case studies of innovative building materials and systems, showcasing examples of sustainable, energy-efficient, and technologically advanced building solutions.
6	<p>Urban Design and Planning</p> <p><i>Students will be able to understand:</i></p> <ul style="list-style-type: none">• The principles of urban design, focusing on the design and organisation of urban spaces, public areas, and infrastructure.• The role of architects in urban planning, considering how architects contribute to creating functional, aesthetically pleasing, and sustainable urban environments.• Case studies of successful urban designs, analysing well-designed cities and neighbourhoods that prioritise human needs and promote community well-being.
7	<p>Sustainable Design</p> <p><i>Students will be able to understand:</i></p>



	<ul style="list-style-type: none">• What sustainable design is and its importance in contemporary architecture, with a focus on energy efficiency, environmentally friendly materials, and sustainable building systems.• Case studies of sustainable buildings, exploring architectural designs that prioritise sustainable practices, renewable energy sources, and low environmental impact.
8	The Future of Architecture <i>Students will be able to understand:</i> <ul style="list-style-type: none">• Emerging trends in architecture, including technological advancements, innovative materials, and evolving design philosophies.• The role of architects in shaping the future built environment, considering the impact of architects' decisions on sustainability, livability, and societal needs.
9	Hands-on Design Project (I) <i>Students will be able to:</i> <ul style="list-style-type: none">• Present their final designs for the hands-on design project, showcasing their creative ideas and problem-solving skills.• Receive peer and tutor feedback, allowing for constructive critique and improvement opportunities.
10	Hands-on Design Project (II) <i>Students will be able to:</i> <ul style="list-style-type: none">• Present their final designs for the hands-on design project, showcasing their creative ideas and problem-solving skills.• Receive peer and tutor feedback, allowing for constructive critique and improvement opportunities. Course Review and Conclusion <i>Students will be able to:</i> <ul style="list-style-type: none">• Review of key course concepts• Q&A with the tutor• Conclusion and next steps for aspiring architects.

Next Steps

We'd love to welcome you to our Architecture & Design online course! In order to secure your place, the next step is to apply [by clicking here](#).

If you have any questions, please don't hesitate to contact Stephanie on 0044 1865 522 166, or by email on hello@oxfordscholastica.com.