

AR-202(q)

Studio BA4 (Assemble)

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Cursus	Sem.	Type
Architecture	BA4	Obl.

Language of teaching	English
Credits	10
Withdrawal Session	Unauthorized Summer
Semester Exam	Spring During the semester
Workload	300h
Weeks	14
Hours	6 weekly
Lecture	2 weekly
Project	4 weekly
Number of positions	

Remark

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Summary

We will work with local stakeholders in the British town of Bridport to design housing responding to local needs not met by the traditional market. We will focus on how to make this housing characterful, adaptable, and varied, using low energy design principles & ecological construction approaches.

Content

In the first Semester we will design houses on small plots in the centre of the town that occupy open plots and vacant spaces.

In the second Semester we will look more broadly and strategically at housing issues in the town, considering how we can develop more equitable and ecological alternatives to new-build development on productive agricultural land can combine with new forms of financial and legal instruments to address a lack of affordable housing in rural towns.

Keywords

Low Energy Construction
 Natural Materials
 Ecological Approaches
 Community Housing
 Hands-on Making and Experimentation
 Collective Work

Learning Prerequisites**Important concepts to start the course**

Competency in hand drawing and computer drawing to scale
 Accurate and efficient model-making and visualisation techniques
 Careful and professional documentation and presentation of work
 An interest and engagement in collaboration, collective work and the work of others in the group

Learning Outcomes

By the end of the course, the student must be able to:

- Formulate ideas, analysis, intention, questions
- Apply a range of research skills
- Realize a range of assignments
- Design spaces, structures, models, drawings, prototypes, buildings

Transversal skills

- Communicate effectively with professionals from other disciplines.
- Give feedback (critique) in an appropriate fashion.
- Take responsibility for environmental impacts of her/ his actions and decisions.
- Take feedback (critique) and respond in an appropriate manner.
- Access and evaluate appropriate sources of information.
- Make an oral presentation.

Teaching methods

There will be a trip to Bridport at the beginning of the semester for a site visit and construction workshop, the trip is not mandatory but highly recommended. Making the trip low cost is part of our planning, but a contribution from each attendee will be required.

We will be teaching through a range of methods, which merge practical skills and critical thinking about architecture and spatial design in response to critical contemporary issues. We have prepared a series of assignments and workshops which cover these.

Group work is a key part of our studio, and all assignments will be undertaken in larger groups of 4-6 students. To help foster work in groups we will be hosting workshops on communication and collaboration.

Construction of models, large scale mockups, and tests will be a key part of the design process.

Expected student activities

Remote forms of research and exploration of a place including the use of archives and literature.

Situated research of a place including walks and study visits, hearing presentations from local officials, residents and experts.

Design and cultural research culminating in drawing and production of large scale study models and drawings

Collating group materials and documenting work carefully and professionally

Presenting work to internal and external experts and critics

Design and construction of an exhibition

Assessment methods

Enquiry: Engagement in practice informed by comprehensive analysis and evaluation of diverse complex practices, concepts and theories

Knowledge: Critical analysis and synthesis of a range of practical, conceptual and technical knowledge(s)

Process: Experiment and critically evaluate methods, results and their implications in a range of complex and emergent situations

Communication: Articulation of criticality, clarity and depth. Communicating a diverse range of intentions, contexts, sources and arguments appropriate to your audiences

Realisation: Advancing the personal, professional and academic standards of production

Supervision

Office hours	Yes
Assistants	Yes
Forum	Yes