

## MODERN STRUCTURES 2024 (RESIDENTIAL)

Embark on an exciting journey into sustainability, innovation, and environmental consciousness – vital for shaping the bridges of the future. Your child will delve into hands-on activities, applying theory and unravelling the magic of bridge design. Experience the thrill of learning, complemented by a full schedule of evening activities! Open to Year 10 in England and Wales, S4 in Scotland, and Year 11 in Northern Ireland.

Students will enjoy three inspiring days at Kingston University, immersed in a vibrant STEM community. Evenings are packed with organised social activities, creating lasting connections, all supervised by The Smallpeice Trust's experienced team. Supported by the Rochester Bridge Trust, this course opens doors to expert insights and firsthand experience in sustainable bridge construction.

*'I really enjoyed meeting new people with similar interests and seeing something we thought of as a group come to fruition.'* **Previous Smallpeice Trust Course Student**

### This event includes the following:

- Introduces students to the importance of bridges in the development of societies and their importance in shaping human geography
- Lectures on the development of bridge design through the years covering historical and modern bridges
- Challenges faced during the bridge design and construction stage; environmental hazards, climate changes, and sustainability
- Different types of bridges
- Use of computer software to demonstrate the process of designing bridges



### WHEN

30 Jul - 01 Aug 2024

Start time: 10:00 hrs

Finish time: 16:00 hrs



### WHERE

Kingston University



### COST

£345\*

\* If cost is a barrier please see our FAQ for more details.

[Book this course](#)