Template C4

Programme Specification

Title of Course: *Foundation Year in the Built Environment*

Date first produced	19/06/2025
Date last revised	28/08/2025
Date of implementation of current version	01/09/2025
Version number	2
Faculty	Faculty of Engineering, Computing and the Environment
Cross-disciplinary	
School	School of Built Environment and Geography
Department	Department of Civil Engineering, Surveying and Construction
Delivery Institution	Kingston University

This Programme Specification is designed for prospective students, current students, academic staff and employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes and content of each modules can be found in the course VLE site and in individual Module Descriptors.

SECTION 1: GENERAL INFORMATION

Award(s) and Title(s):	Foundation Year in the Built Environment
Exit Award(s) and Title(s):	
Course Code *For each pathway and mode of delivery*	n/a
UCAS code *For each pathway*	

Awarding Institution:	Kingston University
Teaching Institution:	Kingston University
Location:	Penrhyn Road
Language of Delivery:	English
Delivery mode:	
Learning mode(s):	Full-time
Minimum period of registration:	Full-time - 1 year
Maximum period of registration:	Full-time - 2 years
Entry requirements	Kingston University typically uses a range of entry requirements to assess an applicant's suitability for our courses. Most course requirements are based on UCAS Tariff points, usually stipulated as a range, and are sometimes coupled with minimum grades in specific relevant subjects. We may also use interview, portfolio and performance pieces to assess an applicant's suitability for the course. We recognise that every person's journey to Higher Education is different and unique and in some cases we may take into account work experience and other non-standard pathways onto University level study. Additionally, all non-UK applicants must meet our English language requirements. Please see our course pages on the Kingston University website for the most up to date entry requirements

Regulated by	The University and its courses are regulated by the Office for Students.
Programme Accredited by:	N/A
Approved Variants:	
Is this Higher or Degree Apprenticeship course?	No

SECTION 2: THE COURSE

A. Aims of the Course

To provide students with a comprehensive understanding of the core principles and practices within the built environment, including civil engineering, building surveying, quantity surveying, and construction management.
To develop essential technical and scientific knowledge in areas such as mathematics, material science, structural analysis, and construction technology, ensuring that students can apply this knowledge effectively in practical settings.
To equip students with practical skills in using industry-standard tools and technologies, including Computer-Aided Design (CAD), project management software, and data analysis tools, to enhance their productivity and problem-solving capabilities in the construction sector.
To foster a deep understanding of sustainability, security and environmental considerations in construction, including the impact of materials and methods on energy efficiency and resource management.
To cultivate professional skills and behaviours, including effective communication, teamwork, leadership, and ethical practice, preparing students to meet the demands of a competitive and evolving industry.
To enable students to apply theoretical knowledge to real-world scenarios through practical assessments, case studies, and project work, bridging the gap between academic learning and professional practice.
To support students in achieving personal and professional development, including the enhancement of academic skills, career readiness, and lifelong learning, ensuring they are well-prepared for further study or entry into the workforce.

B. Programme Learning Outcomes

The programme learning outcomes are the high-level learning outcomes that will have been achieved by all students receiving this award. They have been aligned to the levels set out in ‘Sector Recognised Standards in England’ (OFS 2022).

Programme Learning Outcomes					
	Knowledge and Understanding On completion of the course students will be able to:		**Intellectual Skills** On completion of the course students will be able to		**Subject Practical Skills** On completion of the course students will be able to
A1	Explain the core principles of civil engineering, building surveying, quantity surveying, and construction management and their importance to real-world scenarios.	B1	Analyse and interpret information and case studies to support decision-making and problem-solving in construction projects.	C1	Demonstrate competency in industry standard tools and technologies.
A2	Explain how mathematical and scientific principles can be used to solve construction-related problems, including material science and structural analysis.	B2	Reflect on learning experiences identifying strengths and areas for improvement and setting personal and professional goals	C2	Demonstrate the important aspects of how construction projects are managed, including budgeting, scheduling, quality control and project management methodologies and techniques.
A3	Demonstrate an understanding of professional and ethical standards, including adherence to regulatory frameworks and sustainability practices.	B3	Reflect on the value of continuous and professional development and assess the importance of adapting to new technologies and evolving industry practices.	C3	Communicate effectively in both written and verbal formats.

C. Future Skills Graduate Attributes

In addition to the programme learning outcomes, the programme of study defined in this programme specification will engage students in developing their Future Skills Graduate Attributes:

1. Creative Problem Solving
2. Digital Competency
3. Enterprise
4. Questioning Mindset
5. Adaptability
6. Empathy
7. Collaboration
8. Resilience
9. Self-Awareness

D. Outline Programme Structure

This forms the extended degree in the following degree subjects:

- BEng (Hons) Civil Engineering
- BSc (Hons) Building Surveying
- BSc (Hons) Construction Project Management
- BSc (Hons) Quantity Surveying

Full details of each module will be provided in module descriptors and in the module canvas pages.

Foundation Year in the Built Environment

Level 3							
Foundation Year in the Built Environment							
Core modules	**Module code**	**Credit Value**	**Level**	**Teaching Block**	**Pre-requisites**	**Full Time**	**Part Time**
Applied Construction Science and Technology	CE3009	30	3	YEAR LONG		1	
Essential Mathematics for Construction	CE3007	30	3	YEAR LONG		1	
Introduction to the Built Environment	CE3008	30	3	YEAR LONG		1	

Professional Skills Development	CE3006	30	3	YEAR LONG		1	

E. Teaching, Learning and Assessment

This course uses a range of teaching and assessment methods which have been designed to support students' learning and achievement of the learning outcomes. The course has been developed with reference to the Kingston University Academic Framework which sets-out core principles relating to Course and Credit Structure (including Module delivery Structure and Pattern, and Learning Hours and Learning Formats); Curriculum Design (inclusion Learning Design Principles and Inclusive Curriculum); and Future Skills.

Teaching and Learning on the course consist of Scheduled Learning and Teaching and Guided Independent Study (self-managed time). Scheduled Learning and Teaching includes the following, and the format for each module is set out in the module specification:

- Laboratory Sessions
- Lectures
- Seminars
- Tutorials
- Workshops

Guidance for students on the use of independent study time is communicated through the 'Succeed in your module' section on the Canvas Virtual Learning Environment and through other communications during the course.

In addition to the core Scheduled Learning and Teaching activities for the course, the University may offer students additional optional opportunities for learning. Examples of these include Study abroad and Work-based learning.

The course will provide students with the opportunity to develop their knowledge and skills relating to at least two United Nations Sustainable Development Goals (UN SDGs). We are committed to empowering students with the knowledge, skills and opportunities to understand and address the following UN SDGs: SDG4 Quality Education (core for all courses), SDG11 Sustainable Cities and Communities, and SDG12 Responsible Consumption and Production.

F. Support for Students and their Learning

Students are supported through a range of services that provide academic and wider support. These include:

- A Module Leader for each module
- A Course Leader to help students understand the course structure
- Personal Tutors to provide academic and personal support

- Technical support to advise students on IT and the use of software
- Student Voice Committee – to ensure the views of students are heard
- Canvas – Kingston University's Virtual Learning Environment
- Student support facilities that can provide advice on issues such as finance, regulations, legal matters, accommodation, international student support
- Disabled student support
- The Kingston Students' Union
- Student Development and Graduate Success

G. Ensuring and Enhancing the Quality of the Course

The University has policies and procedures for evaluating and improving the quality and standards of its provision. These include:

- Continuous Monitoring of courses through the Kingston Course Enhancement Programme (KCEP)
- Student evaluation including Module Evaluation Questionnaires (MEQs), the National Student Survey (NSS)
- Internal and external moderation of graded assignments

H. External Reference Points

QAA Subject benchmark for Engineering (March 2023)

I. Development of Course Learning Outcomes in Modules

This table maps where programme learning outcomes are **summatively** assessed across the **core** modules for this course. It provides an aid to academic staff in understanding how individual modules contribute to the course aims, a means to help students monitor their own learning, personal and professional development as the course progresses and a checklist for quality assurance purposes.

Module Code		**Level 3**			
		CE3006	**CE3007**	**CE3008**	**CE3009**
Knowledge & Understanding	A1	S		S	
	A2		S		S
	A3	S			
Intellectual Skills	B1		S		S

	B2	S		S	
	B3	S			
Practical Skills	C1		S		S
	C2				
	C3	S			

Students will be provided with formative assessment opportunities throughout the course to practise and develop their proficiency in the range of assessment methods utilised.

Additional Information