Course Specification

Course Summary Information				
1	**Course Title**		BSc (Hons) Construction Management with Foundation Year	
2	**BCU Course Code**	**UCAS Code**	US0645F	K22F
3	**Awarding Institution**		Birmingham City University	
4	**Teaching Institution(s)** (if different from point 3)			
5	**Professional Statutory or Regulatory Body (PSRB) accreditation** (if applicable)			

6	**Course Description**
	If your ambition is to gain a senior site management role within the construction industry, then BSc (Hons) Construction Management with Foundation Year will set you on the right path. The Foundation Year course option enables you to study for our BSc (Hons) degree over an extended full-time duration of four years by including a Foundation Certificate (year one of four). The Foundation Certificate provides a broad study programme that underpins the follow-on degree. In order to progress to the next year of your degree, it is necessary to achieve a pass in all of the modules of the Foundation Certificate. **What's covered in the course?** In the UK, the construction industry provides one tenth of the UK's gross domestic production and is a substantial employer, with over two million people employed in the industry. Our course matches the needs of the industry, preparing you to be able to manage a construction project from inception and design through to occupation by developing your skills in management to enable you to deliver projects safely, on time, on budget and to the highest possible quality. The complexity of construction projects requires construction professionals who have expertise in construction management and can work effectively with people from different cultural backgrounds and construction disciplines. You will learn about the immediate and long-lasting effect which construction activities have on the environment, and discover sustainable and environmentally sound construction methods and innovative management practices. This degree has social innovation embedded its core. You will learn through creative social problem solving, working with our industrial partners to develop your intellectual and practical competence, as required by professional bodies such as CIOB and RICS.

	After completing this course, you will have a broad range of knowledge of the legal, technical, managerial, economic, social and environmental aspects of construction projects, and be able to confidently manage both commercial and civil engineering projects.

7	Course Awards		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	Bachelor of Science with Honours Construction Management Bachelor of Science with Honours Construction Management with Professional Placement Year	6 6	480 600
7b	**Exit Awards and Credits Awarded**		
	Foundation Certificate Built Environment Certificate of Higher Education Construction Management Diploma of Higher Education Construction Management Bachelor of Science Construction Management	3 4 5 6	120 240 360 420

8	Derogation from the University Regulations
	Not applicable

9	Delivery Patterns		
Mode(s) of Study	**Location**	**Duration of Study**	**Code**
Full Time	City Centre	4 years	US0645F
With Professional Placement Year	City Centre	5 years	US0645FS

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/ or may be found by searching for the course entry profile located on the UCAS website.

11	**Course Learning Outcomes**
Subject-specific knowledge and understanding:	
Technical	
1	Develop an awareness of key concepts and techniques within the built environment (L3 outcome).
2	Recognise the legal, ethical and practical requirements within the built environment and wider society (L3 outcome).
3	Examine the principles of building process and design, plan and course construction and related projects, taking into account resource allocation and management, sustainable construction processes and innovative practices towards integrated project delivery.
4	Contrast alternative construction methods, sustainable construction concepts, design innovation construction processes applied to the construction and infrastructure and appraise project delivery and building performance including the use of specialist technologies for building services and civil engineering works.
5	Demonstrate competence in the use of electronic information handling and data processing and analysis software and applications including the use of digital information systems such as BIM and GIS and specialist software for building planning and evaluations.
6	Appreciate and analyse the multidisciplinary and complex nature of the built environment, evaluate the socio-economic, environmental, financial and other management information, political and business contexts influencing the built environment, analyse the impacts of current issues affecting the local, regional and global communities, and develop awareness of risk and a systematic approach to manage it.
7	Demonstrate awareness and understanding of the legal framework that influences the procurement, set up and manage construction and related contracts within the built environment, apply legal principles relating to health and safety and dispute resolution in managing contracts, and exercise appropriate professional integrity in conflicting circumstances.
8	Display generic scholarly and award specific professional and practical competencies and demonstrate the ability to acquire new competencies required for career progression and assess the ethical, equality and inclusion consequences of human activities to optimise community and environmental sustainability by taking into the impact of investigations on environment.
Cognitive	
9	Demonstrate problem solving techniques through the application of theoretical and technical skills (L3 outcome).
10	Locate and analyse from a range of appropriate sources & information to support a coherent argument (L3 outcome).
11	Critically analyse, synthesise, interpret and summarise information from a variety of sources and recognise and use appropriate theories, methodologies, concepts and principles from a range of subjects and collect, analyse and integrate several lines of evidence to develop balanced arguments demonstrating critical thinking and synthesis.
12	Plan and design an experiment, investigation, survey or other means to test a hypothesis or proposition and apply knowledge and understanding to address multidisciplinary problems within a local and global context.
13	Demonstrate creativity and innovation and demonstrate awareness of the provisional nature of the facts and principles associated with a field of study with those based on opinion and not supported by sound evidence.

14	Evaluate the importance of entrepreneurship and innovation including the role of intellectual property within the innovation process and awareness of risks of exploitation and the requirement for sustainable processes and outcomes and consideration of rapid and continuing change and development of the subjects and their context and its underlying foundations and principles.
15	Devise, plan and undertake field, laboratory or other investigations including those using secondary data in a responsible, sensitive and safe manner, paying due diligence to risk assessment, ethical and data protection issues, rights of access, and relevant health and safety issues.
16	Examine issues of sample selection, accuracy, precision and uncertainty during collection, recording and analysis of data in the field, in the laboratory or collated from secondary sources taking due care to mitigate the difficulties of having incomplete information on which to base decisions.
Communication	
17	Listen and observe attentively, record, evaluate and respond and/or communicate using a wide variety of information sources for example electronic, textual, numerical, verbal, visual/graphical, digital and practical field (site and building) survey based.
18	Communicate (individually or as a group) effectively, constructively, and confidently to a variety of audiences using a range of formats and employing appropriate scientific and/or professional discipline specific language.
19	Use the internet in a context which recognises its limitations as a means of communication and a source of information.
20	Demonstrate an awareness of legal, effective and safe use of digital and social media and use and interpret digital data and information to inform decision making.
Interpersonal	
21	Manage time, prioritise activities and work effectively as an individual and as part of a group (L3 outcome).
22	Reflect constructively on your own practice and that of others (L3 outcome).
23	Apply quantitative methods to solve practical problems in a general context (L3 outcome).
24	Perform in a manner appropriate to allocated roles and responsibilities and recognise and respect the views and opinions of other team members, participate effectively in a team, set realistic targets and demonstrate willingness to resolve conflict.
25	Develop the skills necessary for self-managed lifelong learning and engagement including for example working independently, effective time management and organisational skills and appreciate the need for professional codes of conduct.
26	Recognise the moral, ethical, social and equality and inclusion issues related to the course and take up responsibility for their own actions and identify and work towards targets for personal, academic and career development.
27	Develop an adaptable and flexible approach to study and work, be able to identify individual and collective goals and demonstrate the competence, behaviour and attitude required in academic and professional working life, including initiative, reflection, leadership, resilience and team skills.

12	**Course Requirements**

12a

Level 3:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV3003	Built Environment Context and Practice	20
BNV3006	Building Technology	20
BNV3004	Foundation Computing	20
BNV3005	Quantitative Methods	20
BNV3001	Academic and Personal Study Skills	20
BNV3002	Independent Practice	20

Level 4:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV4106	Introduction to the Built Environment	20
BNV4103	Built Environment Technology 1	20
BNV4108	Law	20
BNV4104	Integrated Digital Design - Residential	20
BNV4110	Professional Environmental & Materials Science	20
BNV4121	Innovation in the Built Environment	20

Level 5:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV5119	Procurement	20
BNV5118	Civil Engineering	20
BNV5129	Built Environment Commercial Technology	20
BNV5120	Integrated Digital Design for Complex Structures	20
BNV5136	Money Matters in Construction	20
BNV5105	Operational Management	20

Professional Placement Year (optional)

In order to qualify for the award of Bachelor of Science with Honours Construction Management with Professional Placement Year, a student must successfully complete all of the modules listed as well as the following Level 5 module:

Module Code	Module Name	Credit Value
TBC	Professional Placement	120

Level 6:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV6119	Contract Practice	20
BNV6204	Sustainable Building Design and Construction	20
BNV6200	Individual Honours Project	40
BNV6120	Project Management	20
BNV6125	Professionalism and Citizenship	20

12b Structure Diagram

Level 3

SEMESTER ONE	SEMESTER TWO
Core BNV3003: Built Environment Context and Practice (20 credits) BNV3001: Academic and Personal Study Skills (20 credits) BNV3004: Foundation Computing (20 credits)	**Core** BNV3006: Building Technology (20 credits) BNV3005: Quantitative Methods (20 credits) BNV3002: Independent Practice (20 credits)

Level 4 Full Time

SEMESTER ONE	SEMESTER TWO
Core BNV4103: Built Environment Technology 1 (20 credits) BNV4106: Introduction to the Built Environment (20 credits) BNV4108: Law (20 credits)	**Core** BNV4121: Innovation in the Built Environment (20 credits) BNV4104: Integrated Digital Design (20 credits) BNV4110: Professional Environmental & Materials Science (20 credits)

Level 5 Full Time

SEMESTER ONE	SEMESTER TWO
Core BNV5119: Procurement (20 credits) BNV5129: Built Environment Commercial Technology (20 credits) BNV5118: Civil Engineering (20 credits)	**Core** BNV5136: Money Matters in Construction (20 credits) BNV5135: Operational Management (20 credits) BNV5120: Integrated Digital Design for Complex Structures (20 credits)

Professional Placement Year 3 (optional) Professional Placement Module (120 Credits)

Level 6 Full Time

SEMESTER ONE	SEMESTER TWO
Core BNV6125: Professionalism & Citizenship (20 credits) BNV6120: Project Management (20 credits)	**Core** BNV6204: Sustainable Building Design and Construction (20 credits) BNV6119: Contract Practice (20 credits)
BNV6200: Individual Honours Project (40 credits)	

13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 3

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	288
Directed Learning	432
Private Study	480
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	87%
Exam	8%
In-Person	5%

Level 4

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	300
Directed Learning	402
Private Study	498
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	78%
Exam	0
In-Person	23%

Level 5

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	288
Directed Learning	372
Private Study	540
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	100%
Exam	0
In-Person	0

Level 6

Workload

% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	324
Directed Learning	308
Private Study	568
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	100%
Exam	0
In-Person	0