

Programme Specification Pro-forma (PSP)

Building Surveying: 2019 – 2020

1. GENERAL INFORMATION

I.	Programme Title:	BSc (Hons) Building Surveying
II.	Final Award:	BSc (Hons) Building Surveying
III.	Exit Awards:	BSc Building Surveying BSc (Hons) Building Surveying
IV.	Awarding Body:	Glasgow Caledonian University (GCU)
V.	Approval Date:	August 2015
VI.	School:	SEBE (School of Engineering and Built Environment)
VII.	Host Department:	Construction & Surveying
VIII.	UCAS Code:	UG: K230
IX.	PSB Involvement:	RICS & CIOB
X.	Place of Delivery:	GCU
XI.	Subject Benchmark Statement:	UG – STET. FT Higher Grade at ABBC (plus English and Maths at Standard or National 5) PT Higher Grade at BBC (plus English and Maths at Standard or National 5) plus appropriate experience QAA 240 03/08 Construction Property and Surveying
XII.	Dates of PSP preparation/revision:	August 2019

2. EDUCATIONAL AIM OF THE PROGRAMME

General Aim:

The over-arching aim of this programme is to provide quality education and training for graduates who are highly employable and therefore able to seek employment in a wide range of careers, both nationally and internationally.

Specifically:

- a) To provide the building surveying profession with well educated, highly employable, competent surveyors capable of responding to the profession's current and future needs
- b) To prepare students for their careers and for personal and professional development.
- c) To instil an international outlook.

Aims of the Programme at BSc (Hons) Building Surveying level exit point:

- a) To provide students with a high quality undergraduate degree programme comprising discipline specific knowledge competencies.
- b) To deliver a demanding programme which equips students with key knowledge, comprehension and skills competency essential for surveyors in the Building Surveying discipline, wherever practiced at home or internationally
- c) To provide an education base and degree programme which is accredited by the RICS and

- recognised by the CIOB
- d) To provide students with the necessary academic knowledge and professional ability to be applied in a challenging career in the building surveying profession
 - e) To enable students to develop intellectual strengths and creative powers which are flexible and adaptable to the rapidly changing demands of the profession and society
 - f) To enable students to develop and maintain personal transferable skills
 - g) To enable students to develop good judgement and innovative thinking processes by the development and application of logical analysis, evaluation and synthesis techniques and
 - h) To introduce students to research methods and a learning experience which promotes and encourages a culture of lifelong learning throughout their career

Objectives

The general objectives of the programme are that the student:

- will be encouraged to develop his/her full potential;
- will have confidence in their individual abilities and accept responsibility;
- will develop an independent approach and good study techniques;
- will operate efficiently as a team member;
- will apply logical thought to problem-solving situations;
- will be encouraged to demonstrate original thought;
- will be able to make competent oral and written presentations, and
- will be able to demonstrate self-motivation as well as enthusiasm in group work.

Programme-specific objectives:

- To provide students with a high quality undergraduate degree programme comprising a sound theoretical knowledge base pertinent to their field encompassing core skills which are underpinned by technology and enhanced by building performance, management and building pathology;
- To deliver a demanding programme which equips students with sound knowledge, comprehension and skills competency essential for building surveyors;
- To provide education which is accredited by the relevant professional body: The Royal Institution of Chartered Surveyors; and recognised by the CIOB
- To provide students with the necessary academic knowledge and professional ability to equip them for a challenging career in the building surveying discipline in the national and international construction and property industry;
- To enable students to develop intellectual strengths and creative powers which are flexible and adaptable to the rapidly changing demands of the construction and property industry and of society;
- To enable students to develop and maintain personal transferable skills;
- To enable students to develop good judgement and innovative thinking processes by the use of logical analysis, evaluation and synthesis techniques and
- To introduce students to research methods and a learning experience which promotes and encourages a culture of lifelong learning, throughout their career.

Alignment:

It is intended that this programme will fully align with GCU Strategy 2020 in that, *by 2020, Glasgow Caledonian University will have a global reputation for delivering social benefit and impact through education, research and social innovation. We will be recognised as the University for the Common Good that transforms lives, enriches cities and communities, innovates for social and economic impact, engages globally and aligns with others in partnership and collaboration to deliver our goals.*

Furthermore, the following intended values will be embedded in the Building Surveying Programme:

- Integrity
- Creativity
- Responsibility
- Confidence

Student Journey Through the Programme:

Level 1

Foundation for study of the discipline, establishment of 'ground rules'. An outline knowledge of the scope and main areas of the discipline; an understanding of the main theories, principles and concepts. Students will be able to:

- Use their knowledge of the subject and its techniques to evaluate a range of arguments and solutions to problems and issues of a routine nature
- Apply their discipline-related and transferable skills in contexts which have well defined criteria
- Undertake further learning in a structures and managed environment

Level 2

Engagement with the core areas of the discipline in preparation for professional placement. Developing knowledge and understanding of the scope and main areas of the discipline and its interaction with related areas/disciplines; familiarity and understanding of the essential theories, concepts and awareness of major issues within the discipline.

Students will be able to use their knowledge, understanding and skills to:

- Critically evaluate evidence-based argument and identify solutions to clearly defined problems of a routine nature
- Apply their discipline-related and transferable skills to contexts where the task and criteria for decisions are generally well defined but where responsibility and initiative is required.

Level 3

Focusing on the key specialist areas of the discipline. Developing a broad and comparative knowledge of the general scope of the different areas and applications, and interactions with related areas/disciplines. Critical understanding of the essential theories, principles and concepts of the discipline, and the ways in which these are developed.

Students will be able to use their knowledge, understanding and skills to:

- In the systematic assessment of a wide range of concepts, ideas and data
- In identifying and analysing complex problems and issues, demonstrating originality and creativity in formulating, evaluation and applying evidence-based solutions and arguments
- To apply their discipline-related and transferable skills in contexts where there is a requirement for:
 - The exercise of personal responsibility and initiative
 - Decision-making in complex and unpredictable contexts
 - The ability to undertake further developments of a professional nature

NB: The same journey for the PT students but spread over five years; *Levels 1 to 5*

4. PROGRAMME STRUCTURES AND REQUIREMENTS, LEVELS, MODULES, CREDITS AND AWARDS

This programme is designed to provide for both full-time and part-time study. Each level of the programme consists of six modules, or the equivalent, totally 120 credits. The delivery structure for the full-time route utilises two trimesters per academic session, with 60 SHE credits per trimester. The part-time route utilises more variable levels of entry more often than the full-time mode but, in general, the part-time route consists of four modules per academic year, or the equivalent, totalling 80 credits, i.e. 40 credits per trimester. The following tables illustrate the Full-Time and Part-Time Programme Structures.

These tables indicate the Module Titles with location in the particular Trimester, the credit points accredited and the assessment method. The tables outline the various modules in both full-time and part-time modes of study to compliment the more in-depth information, rationale and philosophy and explained in the ELISR document. The Curriculum Map for the BSc (Hons) Programme for both F/T and P/T modes of study are also provided within this document.

BSc/BSc(Hons) Building Surveying (FULL- TIME) 2019 – 20

Level	Honours modules	Module Code	MODULE TITLE	Credit Points	Trimester		Assessment			
							Exam %	c/w %	exam time (hrs)	CA
1		M1K221945	Construction Technology 1	20	A	B	-	-	-	100
		M1K224313	Property Economics	20	A	-	-	-	-	100
		M1K203077	Professional Orientation and Practice (POP) *	20	A	B	-	-	-	100
		M1K221884	Construction Materials	20	A	B	-	-	-	100
		M1K222229	Construction Contracts 1	20	-	B	100	-	2	-
		M2K224028	Introduction to Mathematics and Structures	20	A	B	-	-	-	100
		Credit points	120							
2		M2K220795	Construction Technology 2	20	A	-	50	50	2	-
		M2N220730	Construction Processes Management 1	20	A	B	-	-	-	100
		M2K225247	Construction Cost Studies	20	A	-	-	-	-	100
		M2K221315	Construction Contracts 2	20	-	B	60	40	2	-
		M2K223202	Principles of Building Performance	20		B	65	35	2	-
		M2K221185	Design and Regulation 1 **	20	A	B	-	-	-	100
		M2K224016	C&S Preparation for Placement	10	A	B	-	-	-	100
			Credit points	130						
3		M3K224022	Professional Placement Learning	60	A					100
DE/NP		M3K221192	CAD Application and Innovation	20	A		-	-	-	100
DE/NP	H	MHK202886	Conservation	20	A		-	-	-	100
DE/NP		M3K220211	Managed Project Learning	20	A		-	-	-	100
		M3K220824	Construction Technology 3	20		B	60	40	3	-
		M3K221186	Design and Regulation 2			B	-	-	-	100
		M3K222234	Building Inspection Studies ***			B	-	-	-	100
		Credit points	120							
4	H	MHK221198	Dissertation	40	A	B	-	-	-	100
			Plus ONE OPTION Tri. A							
	H	MHN220816	Project Management	20	Ao		-	-	-	100
	H	MHN222313	Facilities Management	20	Ao		70	30	3	-
	H	MHK202886	Conservation	20	Ao		-	-	-	100-
	H	MHK222235	Building Development	20	A		60	40	2	-
	H	MHK221276	Sustainability and the built environment	20		B	40	60	2	-
	H	MHK203095	Building Surveying Studies ****	20		B	-	-	-	100
		Credit points	120							
		TOTAL CREDIT POINTS	490							

DE/NP Direct entry and those students who have not secured professional placement

H Shaded areas in level 4 represent module options; students choose one option

***** Incorporates levels of CAD ranging from basic (*) to advanced (****)

NB: Students entering at levels 2 and above are expected to have prerequisite knowledge of all preceding levels.

BSc(Hons) Building Surveying (part-time) 2019-20

Year	Honours modules	Module Code	MODULE TITLE	Credit Points	Trimester		Assessment			
							Exam %	c/w %	exam time (hrs)	CA
1		M1K221945	Construction Technology 1	20	A	B	-	-		100
		M1K203077	Professional Orientation & Practice (POP) *	20	A	B	-	-		100
		M1K224313	Property Economics	20	A	-	-	-		100
		M1K222229	Construction Contracts 1	20	-	B	100	-	2	-
			Credit points	80						
2		M2K220795	Construction Technology 2	20	A		50	50	2	-
		M1K221884	Construction Materials	20	A	B	-	-	-	100
		M2K224028	Introduction to Mathematics and Structures	20	A	B	-	-	-	100
		M2K221315	Construction Contracts 2	20		B	60	40	2	-
			Credit points	80						
3		M2N220730	Construction Processes Management 1	20	A	B	-	-	-	100
		M2K225247	Construction Cost Studies	20	A		-	-	-	100
		M2K223202	Principles of Building Performance	20		B	65	35	2	-
		M2K221185	Design and Regulation 1 **	20	A	B	-	-	-	100
		M3K224775	Work Based Learning 1	20	A B					100
			Credit points	100						
4		M3K221186	Design and Regulation 2	20	A		-	-	-	100
		MHK222235	Building Development	20	A		40	60	2	-
		M3K222234	Building Inspection Studies ***	20		B	-	-	-	100
		M3K220824	Construction Technology 3	20		B	60	40	3	-
		M3K224776	Work Based Learning 2	20	A	B				100
			Credit points	80						
5	H	MHK221198	Dissertation	40	A	B	-	-	-	100
			Plus ONE OPTION Tri. A							
	H	MHN220816	Project Management	20	Ao		-	-	-	100
	H	MHN222313	Facilities Management	20	Ao		70	30	3	-
	H	MHK202886	Conservation	20	Ao		-	-	-	100
	H	MHK221276	Sustainability and the built environment	20		B	40	60	2	-
	H	MHK203095	Building Surveying Studies ****	20		B	-	-	-	100
		MHK224777	Work Based Learning 3	20	A	B				100
			Credit points	100						
		TOTAL CREDIT POINTS	480							

H Shaded areas in level 5 represent module options; students choose one option

* Incorporates levels of CAD ranging from basic (*) to advanced (****)

NB: Students entering at levels 2 and above are expected to have prerequisite knowledge of all preceding levels.

8. ASSESSMENT REGULATIONS

University Assessment Regulations for Undergraduate Programmes - Academic Session 2019-20, apply to the Programme in all respects. There are no programme-specific regulations which deviate from the standard University Assessment Regulations.

The Programme's structure, progression, credits and awards are wholly consistent with the GCU Qualifications Framework.

Awards:

For the awards of Certificate of Higher Education, Diploma of Higher Education, BSc Building Surveying and BSc (Hons) Building Surveying:

- Minimum pass mark of 40% for each taught module
- Minimum pass mark of 40% for Dissertation/Honours Project module
- To qualify for an award of Certificate of Higher Education, students must complete all the programme requirements and obtain 120 SHE credits, of which a minimum of 90 must be SHE1
- To qualify for a award of Diploma of Higher Education, students must complete all the programme requirements and obtain 240 SHE credits, of which a minimum of 90 must be SHE2
- To qualify for an award of BSc in [insert programme name], students must complete all the programme requirements and obtain 360 SHE credits, of which a minimum of 90 must be SHE3
- To qualify for an award of BSc (Hons) in [insert programme name], students must complete all the programme requirements and obtain 480 SHE credits, of which a minimum of 90 must be SHEH

Regulations for Merit or Distinction:

The Programme complies with the University Assessment Regulations in respect of the award of Merit or Distinction. To be awarded a Certificate/Diploma/BSc with Distinction, a student must obtain an overall average of 70% or more with no individual module mark below 55%, all at the first attempt. For Merit, the overall average shall be in the range 65 – 69%.

Role of External Assessor:

Senate appoints External Assessors to the Assessment Board (AB) on the basis of nominations from Schools and approval through the University QA and QE processes. The duties of an External Assessor will include the following:

- To moderate the work of the internal assessors in respect of the assessments under his/her jurisdiction
- To attend Assessment Boards at which the results of the final stage assessment will be determined
- To satisfy himself/herself that the work and decisions of the Assessment Board(s) are consistent with the policies and regulations of the University and best practice in higher education
- To ensure that students are assessed within the regulations approved by the University for the progression of students and to inform the University on any matter which, in his/her view, mitigates against the maintenance of proper academic standards

- To report annually to the Clerk to Senate on the standards attained by students on the programme and on other matters which may seem appropriate for their report

9. INDICATORS OF QUALITY AND STANDARDS

- Annual Module Operation and Review (MOR)
- Annual Programme Analysis (APA)
- Continued accreditation by professional bodies
- QAA or equivalent subject reviews including:
- University Enhancement Led Institutional Review (ELIR)
- University Enhancement Internal Subject Review (ELISR)
- Annual External Assessors Reports

10. INFORMATION ABOUT THE PROGRAMME

Key information about the programme can be found in:

- Programme Documents produced for internal re-approval events
- Programme Brochure
- Student Programme Handbook
- Module Handbooks
- University Website <http://www.gcu.ac.uk>
- School Website
- GCUL (Blackboard)
- University Prospectus
- School marketing publications

11. SUMMARY

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve. This assumes that he/she, takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning assessment methods of each module can be found in the University Module catalogue which can be accessed from the University web-site. The accuracy of the information in this document is reviewed by the University and may be checked by the Quality Assurance Agency for Higher Education.

A curriculum map is attached (**Appendix A**), showing how the outcomes are developed and assessed within the programme. This relates the modules from Section 4 to the outcomes in Section 3.

DATE: **August, 2019**

APPENDIX A: Curriculum Map - Building Surveying Programme: 2018 - 19 (Note: Applicable to full and part time routes)

Module Code	Module title	Knowledge and understanding						Interlectual skills						Outcome (see legend below)																			
														Professional practical skills			Transferable skills																
		A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14
M1K221945	Construction Technology 1	X						X	X	X	X	X		X	X				X	X	X	X	X	X	X	X	X	X			X	X	
M1K221884	Construction Materials			X	X	X	X		X		X	X		X		X	X	X	X	X			X	X	X	X							
M2K224028	Intro to Maths and Structures	X	X					X	X			X	X						X	X	X	X	X	X	X	X							
M1K224313	Property Economics		X	X			X	X		X			X						X	X	X	X	X	X	X	X	X	X			X	X	
M1K203077	Prof Orient & Practice (CAD1)		X	X				X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
M1K222229	Construction Contracts 1	X				X		X	X		X						X	X	X	X			X	X				X		X	X		
M2K220795	Construction Technology 2	X						X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
M2K225247	Construction Cost Studies		X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X					X	X	X		
M2K221315	Construction Contracts 2		X		X	X		X		X		X	X		X			X					X		X		X	X		X	X		
M2K223202	Principles of Building Performance	X	X	X	X		X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		
M2N220730	Construct Process Management 1		X	X	X		X	X	X	X		X			X		X	X	X	X	X		X	X					X	X			
M3K221185	Design & Regulation 1 (CAD 2)	X	X					X	X				X	X					X	X											X	X	
M2K224775	Work Based Learning 1	X	X					X			X		X	X	X	X	X	X			X		X	X	X	X	X	X		X	X		
M3K220824	Construction Technology 3	X	X				X					X	X	X	X	X		X				X	X					X	X	X			
M3K222234	Building Inspection Studies	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X	X	X	X	X	X	X		
M3K221186	Design & Regulation 2	X	X	X	X		X	X		X	X		X	X	X			X	X	X			X	X							X		
MHK202886	Conservation	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
M3K221192	CAD Applic & Innovation (CAD3)	X						X	X				X	X	X		X	X	X	X			X	X			X		X	X			
M3K224022	Professional Placement Learning	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
M3K220211	Managed Project Learning	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
M3K224776	Work Based Learning 2	X	X		X	X		X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MHK221198	Dissertation						X		X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X		
MHK222235	Building Development (D&R3)	X	X	X			X	X	X			X	X	X	X	X		X	X	X	X	X	X		X	X		X		X	X		
MMK221276	Sustainability & Built Environment	X	X	X	X		X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X	X	X		
MHN222313	Facilities Management		X	X	X			X	X								X	X	X	X	X			X	X			X		X	X		
MHN220816	Project Management	X			X		X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MHK202886	Conservation	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MHK203095	Building Surveying Studies	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MHK224777	Work based learning 3	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		

Note: The map shows only the main measurable outcomes. There are other outcomes detailed in the module specifications that are not assessed such as attitude and behaviour.

LEGEND

Knowledge and Understanding

- A1. Explain how buildings are put together and demonstrate an awareness of the principles of design
- A2. Develop an in-depth knowledge of building performance and pathology
- A3. Demonstrate a commercial awareness of the construction and property markets
- A4. Assess client and project requirements and provide appropriate advice regarding contract documentation, professional studies and management issues
- A5. Develop expertise in technology, building surveys and inspections.
- A6. Demonstrate appropriate levels of knowledge and understanding in a variety of related construction and property topics including Project Management, Facilities Management and Corporate Strategy.

Intellectual skills

- B1. Exhibit strategic logical rational and resourceful thinking in the approach to problem-solving activities
- B2. Plan, research and execute tasks effectively
- B3. Exercise personal and professional integrity and sound independent judgement
- B4. Show initiative and flexibility in the application of surveying principles and techniques
- B5. Demonstrate efficient professional judgement underpinned and informed by technical ability
- B6. Evaluate research material from a variety of sources and critically appraise and evaluate results.

Professional practical skills

- C1. Apply theoretical learning to practical and discipline-orientated tasks.
- C2. Practically apply the concepts, skills and knowledge of core subject areas in the discipline.
- C3. Demonstrate effective use of knowledge and techniques in the discipline area
- C4. Apply appropriate professional and transferable skills within a professional environment
- C5. Demonstrate effectiveness as a team member within a professional context within and out with Glasgow Caledonian University
- C6. Exercise personal and professional integrity.

Transferable skills

- D1. Critical thinking and problem solving
- D2. Cognitive/intellectual skills
- D3. Knowledge and understanding in the context of the subject
- D4. Key life skills
- D5. Learning style and orientation to learning
- D6. Time management (organising and planning work)
- D7. Independent working
- D8. Planning, monitoring, reviewing and evaluating own learning and development
- D9. Self-marketing marketing/presentation skills
- D10. Information retrieval skills
- D11. Utilising labour market information
- D12. Group working
- D13. IT Skills (including GCU Certificate in Basic ICT Competency)
- D14. Communication skills, written, oral and listening.