

# Programme Specification Pro-forma (PSP)

## Building Surveying: 2020 – 2021

### 1. GENERAL INFORMATION

|       |                                           |                                                                                                                                                                                                                                                     |
|-------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I.    | <b>Programme Title:</b>                   | BSc (Hons) Building Surveying                                                                                                                                                                                                                       |
| II.   | <b>Final Award:</b>                       | BSc (Hons) Building Surveying                                                                                                                                                                                                                       |
| III.  | <b>Exit Awards:</b>                       | BSc Building Surveying<br>BSc (Hons) Building Surveying                                                                                                                                                                                             |
| IV.   | <b>Awarding Body:</b>                     | Glasgow Caledonian University (GCU)                                                                                                                                                                                                                 |
| V.    | <b>Approval Date:</b>                     | August 2015                                                                                                                                                                                                                                         |
| VI.   | <b>School:</b>                            | SCEBE (Computing Engineering and Built Environment)                                                                                                                                                                                                 |
| VII.  | <b>Host Department:</b>                   | Construction & Surveying                                                                                                                                                                                                                            |
| VIII. | <b>UCAS Code:</b>                         | UG: K230                                                                                                                                                                                                                                            |
| IX.   | <b>PSB Involvement:</b>                   | RICS & CIOB                                                                                                                                                                                                                                         |
| X.    | <b>Place of Delivery:</b>                 | GCU                                                                                                                                                                                                                                                 |
| XI.   | <b>Subject Benchmark Statement:</b>       | UG – STET. FT Higher Grade at ABBC (plus English and Maths at Standard or National 5)<br>PT Higher Grade at BBC (plus English and Maths at Standard or National 5) plus appropriate experience<br>QAA 240 03/08 Construction Property and Surveying |
| XII.  | <b>Dates of PSP preparation/revision:</b> | July 2020                                                                                                                                                                                                                                           |

### 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. There is likely to be a high element of remote learning to reflect Covid-19 issues
- 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) 2020 – 21

| 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  |
|       |                 | <b>Credit points</b>       | <b>120</b>                                    |               |           |   |            |       |                 |      |
| 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  |
|       |                 |                            | <b>Credit points</b>                          | <b>130</b>    |           |   |            |       |                 |      |
| 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  |
|       |                 | <b>Credit points</b>       | <b>120</b>                                    |               |           |   |            |       |                 |      |
| 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               | MHK226545                  | Sustainability and the built environment      | 20            |           | B | 50         | 50    | 2               | -    |
|       | H               | MHK203095                  | Building Surveying Studies ****               | 20            |           | B | -          | -     | -               | 100  |
|       |                 | <b>Credit points</b>       | <b>120</b>                                    |               |           |   |            |       |                 |      |
|       |                 | <b>TOTAL CREDIT POINTS</b> | <b>490</b>                                    |               |           |   |            |       |                 |      |

**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) 2020-21

| 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               | -   |
|      |                 |                            | <b>Credit points</b>                        | <b>80</b>     |           |   |            |       |                 |     |
| 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               | -   |
|      |                 |                            | <b>Credit points</b>                        | <b>80</b>     |           |   |            |       |                 |     |
| 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 |
|      |                 | M2K226568                  | Work Based Learning 1                       | 20            | A B       |   |            |       |                 | 100 |
|      |                 |                            | <b>Credit points</b>                        | <b>100</b>    |           |   |            |       |                 |     |
| 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 |
|      |                 |                            | <b>Credit points</b>                        | <b>80</b>     |           |   |            |       |                 |     |
| 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               | MHK226545                  | Sustainability and the built environment    | 20            |           | B | 50         | 50    | 2               | -   |
|      | H               | MHK203095                  | Building Surveying Studies ****             | 20            |           | B | -          | -     | -               | 100 |
|      |                 | MHK224777                  | Work Based Learning 3                       | 20            | A         | B |            |       |                 | 100 |
|      |                 |                            | <b>Credit points</b>                        | <b>100</b>    |           |   |            |       |                 |     |
|      |                 | <b>TOTAL CREDIT POINTS</b> | <b>480</b>                                  |               |           |   |            |       |                 |     |

**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