

University of Plymouth

Faculty of Arts, Humanities and Business

School of Art, Design and Architecture

Programme Specification

BSc (Hons) Building Surveying
(6769)

Change of Award Title Agreed: April 2019

Amended by Minor Change: 28.04.21

Content list

1. BSc (Hons) Building Surveying	3
2. Distinctive Features of the Programme and the Student Experience.....	3
2.1 Building Surveying at Plymouth University.....	3
2.2 Enhancing employability	5
3. Relevant QAA Subject Benchmark Group(s).....	6
4. Programme Structure.....	6
5. Programme Aims	9
6. Programme Intended Learning Outcomes.....	10
6.1 Knowledge and understanding.....	10
6.2 Cognitive and intellectual skills.....	10
6.3 Key and transferable skills	11
6.4 Employment related skills	11
6.5 Practical skills	11
7. Admissions Criteria	12
8. Progression criteria for Final and Intermediate Awards	12
9. Exceptions to Regulations.....	12
10. Transitional Arrangements	12
11. Mapping.....	12

1. BSc (Hons) Building Surveying

Final award title Level H	BSc (Hons) Building Surveying
Intermediate award title(s) Level I	BSc (Hons) Building Surveying (<i>on satisfactory completion of 80 Stage 3 credits</i>) Diploma of Higher Education (<i>on satisfactory completion of Stage 2</i>)
Intermediate award title(s) Level C	Certificate of Higher Education (<i>on satisfactory completion of Stage 1</i>)
Awarding institution	University of Plymouth
Teaching institution	University of Plymouth
Accrediting body	Royal Institution of Chartered Surveyors (RICS) Chartered Institute of Building (CIOB) Chartered Associated of Building Engineers (CABE)
Appropriate benchmark(s)	Built Environment
UCAS code	K232
HECOS code	100216 building surveying

This Programme Specification details how and where the skills and other outcomes are delivered in this programme. A mapping education of key skills is employed by the CIOB and RICS.

2. Distinctive Features of the Programme and the Student Experience

2.1 Building Surveying at Plymouth University

The distinctive features of the BSc (Hons) Building Surveying programme focus around the degree's industrial context, its professional accreditations, optional placement period and its environmental theme. This environmental themes is integrated in all taught modules and project, and enables the students guide the future construction industry, meeting the stricter environmental and energy based legislation. Broadening activities, such as guest lectures, are also introduced in the programme to enhance learner awareness of global environmental and sustainability issues.

This programme is designed around other Built Environment related programmes in the School of Art, Design and Architecture, offering a range of common modules with

these other relevant disciplines, as well as specialist modules, projects and tailored dissertations modules.

This programme is designed around a common first year with the BSc (Hons) Construction Project Management and the BSc (Hons) Quantity Surveying, allowing students to transfer to these courses after a successful completion of Year 1.

The distinctive features include:

- *Professional Accreditation:* The course is fully accredited by the leading professional bodies recognised by building surveyors including the Royal Institution of Chartered Surveyors (RICS), the Chartered Institute of Building (CIOB) and the Chartered Association of Building Engineers (CABE).
- *Inspiring Teaching:* The programme is taught by staff with both an industry and research background. Teaching is also supported by industry professionals and an extensive programme of UK and international visiting speakers.
- *Industry Links:* The department sustains good links with employers in the construction industry in the UK. Industry professionals play an active role in the programme, by participating in guest lectures, workshops and tutorials. These provide opportunities for work-placements to individual students and future employability opportunities.
- *Optional Industry placement year:* Students of this programme have the opportunity to get experience in the construction industry and increase their future employability in the sector with a paid placement following their second year. Students receive advice and guidance to arrange their own placement, and support from the academic staff to ensure that they are receiving a valuable learning opportunity.
- *Site visits:* Off campus, students also enrich their learning through site visits.
- *Research-informed learning:* The academic staff are also researchers, allowing the latest research findings to be delivered directly to the students. The research covers a broad range of specialist areas, including: building performance analysis, energy efficient building design, construction management, thermography and natural materials.
- *Multidisciplinary Learning Environment:* During the degree, students from this programme benefit from working in multidisciplinary groups with students from

other programmes in the School of Art, Design and Architecture, replicating a realistic working environment in architecture and construction projects.

- *Real assessments:* The assessments are designed to prepare students for their future career and the majority are designed around real contextual situations. The assessments reflect the varied world of work, a mixture of coursework, project work, site visit reports, examinations, and presentations.

2.2 Enhancing employability

Graduates of building surveying gain employment in a wide range of built environment professions, including building surveyors, quantity surveyors, property managers, project managers or building regulators.

The course provides students with excellent links with future employers as well as opportunities to learn about the cutting edge of industry practice and thinking. Other activities that will enhance students' employability within this course at University of Plymouth include:

- *One year paid industry placement in a company in the UK or abroad*
Students have the opportunity to undertake an optional paid industry placement year in an architectural, consultancy, surveying or construction company in the UK or abroad, which occurs between Stage 2 and Stage 3 of the programme. Students seeking to undertake a placement year receive advice and guidance to arrange their own placement, including the preparation for the selection process and the placement itself. The academic staff (on the role of placement tutor) provide students with support on their placement to ensure that they are receiving a valuable learning opportunity. The Employability Service organises pre-placement sessions timetabled in Stage 1 and Stage 2.
- *Careers events, where you will be able to meet and discuss career opportunities with future employers*
Once a year the Faculty organises a Careers event, where several companies from the building industry take part and students have the opportunity to meet and discuss career opportunities with future employers.
- *“Preparing for industry” talks by possible employers*

- *Workshops with industry professionals and guest lectures with industry specialists*

In every stage of the degree, students work on industry led group projects with real project briefs and clients, and they benefit from guidance from industrial advisers, which help them to develop the professional skills and networking necessary to successfully progress in the sector.

- *Advice with the preparation of the CV and interviews*

The Employability Service, Placement Support, delivers pre-placement modules as part of the course, offering support on preparing CV and Covering Letter and managing the cycle for Placement/Work Based Learning activities, providing support and guidance to the students' individual needs. In addition to the general support provided by the University, students have access to academic staff who, through their professional and academic experience, have insights in to the particular nature of future career development within the built environment industries. This is further supplemented by links maintained with practices, and a register of potential job opportunities.

- *Invitation to talks and social events by professional organisations*

Students are invited to attend to events organised by professional organisations such as Royal Institution of Chartered Surveyors (RICS), Chartered Institute of Building (CIOB) and Chartered Institution of Building Services Engineers South West (CIBSE). These events are always an excellent opportunity for networking with professionals as well to broaden the students' knowledge.

3. Relevant QAA Subject Benchmark Group(s)

QAA Benchmark statements for Construction, Property and Surveying

4. Programme Structure

The duration of the programme is either 6 semesters (3 years), or 8 semesters (4 years) if students undertake an optional industry placement year of 48 weeks, which occurs between Stage 2 and Stage 3 of the programme.

A Stage is equivalent to one year of study for a full time student. Each Stage consists of two semesters. Students are required to complete modules amounting 60 credits per semester, thus 120 credits in total. An outline programme structure is presented in Figure 1 and more details in Table 1-4.

	First Semester	Second Semester
Level-4, First Year	BLDG406 Fundamentals of Construction	BLDG407 Building Physics
	BLDG402 Principles of Economics and Management	BLDG409 Digital Built Environment
	CIVL102 Construction Materials and Site Surveying	BLDG405 Built Environment Project 1
Level-5, Second Year	BLDG512 Construction technology	BLDG515 Common challenge: Built Environment
	BLDG510 Property development and refurbishment	BLDG511 Building Services Engineering
	BLDG504 Building Surveying Principles and Practice	BLDG506 Contract Procedures
Optional Sandwich Year	Optional Placement Year / Optional International exchange	
Level-6, Third Year	ADA600 Common Dissertation: Critical Practices	BLDG612 Dissertation Project
	BLDG603 Sustainable and Safe Construction	BLDG609 Built Environment Project 3
	BLDG604 Building and Property Law	BLDG607 Building Surveying Professional Practice

Figure 1. Programme structure

Table 1. Stage 1 (Level 4)

Module Code	Module Title	Credit	Semester	Status	Assessment
BLDG406	Fundamentals of Construction	20	Semester 1	Core Compensatable	100% Coursework
CILV102	Construction materials and site surveying	20	Semester 1	Core Compensatable	50% Coursework 50% Test
BLDG402	Principles of Economics and Management	20	Semester 1	Core Compensatable	100% Coursework
BLDG409	Digital Built Environment	20	Semester 2	Core Compensatable	100% Coursework
BLDG407	Building Physics	20	Semester 2	Core Compensatable	50% Examination 50% Coursework
BLDG405	Built Environment Project 1	20	Semester 2	Core Compensatable	100% Coursework
FAPY100	Stage 1 Placement Preparation	0	Semester 2	N/A	N/A

Table 2. Stage 2 (Level 5)

Module Code	Module Title	Credit	Semester	Status	Assessment
BLDG512	Construction technology	20	Semester 1	Core Compensatable	50% Examination 50% Coursework
BLDG510	Property development and refurbishment	20	Semester 1	Core Compensatable	50% Examination 50% Coursework
BLDG504	Building Surveying Principles and Practice	20	Semester 1	Core Non-compensatable	50% Examination 50% Coursework
BLDG511	Building Services Engineering	20	Semester 2	Core Compensatable	50% Examination 50% Coursework
BLDG506	Contract Procedures	20	Semester 2	Core Compensatable	50% Examination 50% Coursework
BLDG515	Common challenge: Built Environment	20	Semester 2	Core Compensatable	100% Coursework
FAPY200	Stage 2 Placement Preparation	0	Semester 1	N/A	N/A

Table 3. Optional Industry Placement

Module Code	Module Title	Credit
FAPY602	Industry Placement	N/A

Table 4. Stage 3 (Level 6)

Module Code	Module Title	Credit	Semester	Status	Assessment
ADA600*	Common Dissertation: Critical Practices	20	Semester 1	Core Compensatable	100% Coursework
BLDG612*	Dissertation Project	20	Semester 2	Core Compensatable	100% Coursework
BLDG603	Sustainable and Safe Construction	20	Semester 1	Core Compensatable	50% Examination 50% Coursework
BLDG604	Building and Property Law	20	Semester 1	Core Compensatable	50% Examination 50% Coursework
BLDG609	Built Environment Project 3	20	Semester 2	Core Compensatable	100% Coursework
BLDG607	Building Surveying Professional Practice	20	Semester 2	Core Non-Compensatable	50% Examination 50% Coursework

* The 40 credits Research Dissertation is undertaken in two parts, involving both ADA600 and BLDG612 modules. ADA600 is a module shared amongst undergraduate courses in the School of Art, Design and Architecture and it offers different Dissertation formats. Students from this course will be expected to do the Research proposal option (Part 1 of the Dissertation) in ADA600 in Semester 1 and they will progress to complete Part 2 of the dissertation in BLDG612 in Semester 2, achieving a full Research dissertation in completion of both ADA600 and BLDG612 modules.

Students are expected to pass all modules in order to progress. No optional modules exist, with the exception of the industrial placement.

Pass requirement for each module: $\geq 40\%$. Compensation is permitted in accordance with University of Plymouth regulations. Please note that some modules are non compensatable. See tables 1-4 above.

Degree Classifications

There are a number of degree classifications which can be granted on undergraduate awards:

- Honours Degree – divided into the following categories: First Class Honours; Second Class Honours, Upper Division; Second Class Honours, Lower Division; Third Class Honours
- Degree with or without Distinction or Commendation.

Details of how your final degree classification is calculated are given in the University of Plymouth Student Handbook. In summary: the best 80 credits from Level 4 (Stage 1) are given a weighting of 0.1 (10%); Level 5 (Stage 2) marks are given a 0.3 (30%) weighting; and Level 6 (Stage 3) marks are given a weighting of 0.6 (60%).

5. Programme Aims

This programme aims to provide graduates with the flexibility to progress into a professional career in Building Surveying.

The specific aims of this honours degree are for students to demonstrate:

- Ability to apply knowledge and understanding in a broad range of technical, scientific, academic and professional subjects.
- A potential to progress to professionally based employment and/or further academic study.
- An appreciation of the role of construction in society and the environmental aspects of construction.
- Appropriate knowledge of construction and general management.
- A range of key skills and subject specific competencies in preparation for employment.
- An ability to research, synthesise and evaluate data and to formulate solutions.

6. Programme Intended Learning Outcomes

6.1 Knowledge and understanding

On successful completion graduates should have developed:

- The fundamental concepts, principles and theories of construction and related technology.
- A comprehensive understanding of the construction industry.
- Detailed knowledge and understanding of essential facts, concepts, principles and theories related to building surveying.
- The professional and ethical responsibilities of building surveyors.

6.2 Cognitive and intellectual skills

On successful completion graduates should have developed:

- The ability to apply appropriate knowledge and skills to solve problems.
- Recognise and analyse criteria and specifications appropriate to specific construction problems, and plan strategies for their solution.
- Take a holistic approach to solving building surveying related problems applying professional judgement to balance risks, costs and benefits.
- Can critically evaluate a range of possible built environment related issues and evidence to support conclusions and recommendations.

6.3 Key and transferable skills

On successful completion graduates should have developed the ability to:

- To communicate effectively in writing and verbally.
- To manage resources and time.
- Critique and self-evaluate.
- Work both autonomously and as part of a team when required.
- Discuss and debate building survey related problems.
- Learn effectively for the purpose of continuing professional development and in a wider context throughout their career.
- To evaluate professional decisions in a sustainability context.

6.4 Employment related skills

On successful completion, graduates should be able to demonstrate:

- Initiative and personal responsibility.
- Effective communication and debating skills.
- The ability to make decisions based on in-complete information.

6.5 Practical skills

On successful completion graduates should have developed:

- The ability to undertake basic land surveying skills.
- Prepare technical reports.
- Give technical presentations.
- Use developmental tools and techniques.
- Analyse building defects.
- Undertake building inspections.
- Devise remediation proposals.
- Use scientific literature effectively.
- Be aware of the risks, safety issues, legislation and regulatory requirements when designing/managing construction project.

7. Admissions Criteria

Entry requirements
UCAS tariff: 96 - 112
A levels: A minimum of two A levels, General Studies accepted.
International Baccalaureate: 26-28 points.
18 Unit BTEC National Diploma/QCF Extended Diploma: MMM-DMM.
BTEC National Diploma modules: If you hold a BTEC qualification it is vital that you provide our Admissions team with details of the exact modules you have studied as part of the BTEC.
GCSE: Mathematics and English language grade C.
All relevant international qualifications will be considered
Other combinations and non-A level qualifications also considered.
Second year and Final year entry possible, with a Foundation degree/HNC/HND or equivalent, or an equivalent stage in a similar undergraduate course.
Equivalent qualifications and industry experience can be considered.

8. Progression criteria for Final and Intermediate Awards

The University of Plymouth's "Assessment Regulations for Undergraduate Programmes of Study", e.g. Foundation and Vocational Certificates and Diplomas will apply.

9. Exceptions to Regulations

N/A at the time of writing.

10. Transitional Arrangements

N/A at the time of writing.

11. Mapping

Find specific LOs in module MRs.