

Commercial Quantity Surveying
Quantity Surveying
Programme Handbook

School of the

Built Environment



What is the Built Environment?



People

Buildings are for people and they have an enormous impact on our daily lives. They are for home, work, leisure and function. They can be inspiring or depressing but whichever way we look at it, buildings are the fabric of the society which inhabits them. Working in the Built Environment you will play a part in delivering a unique and innovative product for this society.

History

Buildings last a long time, especially if they are well built and designed. They give an identity to a location and there are countless examples of this across the globe. You will learn how architecture and building technology has evolved since the past and how time has given us the rich built environment we have today.



Teamwork

Working as a team is essential to the development, design and construction of successful buildings. This is one of the most important skills you will learn, and you will have lots of practice of this in the School of the Built Environment. You will also have the opportunity to work in one of the most creative and dynamic of businesses with likeminded individuals who want to create great buildings.

Sustainability

The built environment produces lots of pollution. It will be your job to make sure new buildings produce much less for the future as well as working on the old buildings to clean them up. There is a world out there that needs your help to survive.



The Future

– is in your hands. You will be developing, designing and constructing the buildings of the future. Take this responsibility seriously; study the interplay of architecture, society, culture and the economy to build buildings which will stand the test of time.

The Programme Team

Programme Leader

Each programme has a Programme Leader, ultimately responsible for its smooth running and organisation. For the BSc (Hons) Commercial/Quantity Surveying programmes, Sue Weidner is the Programme Leader.

Year Tutors

The role of year tutors is to co-ordinate the teaching, coursework, visiting speakers, attendance etc and generally ensure the smooth running of the course.

The Year 1 Tutor is Anna Thompson

The Year 2 & Placement Tutor is Derek Lavelle

The Final Year Tutor is Bob Monaghan

Teaching Team

The main staff you will come across from the School are as follows:-

Name	Room	Tel	Email
Claudio Benghi			claudio.benghi@northumbria.ac.uk
Dr Alan Davies	A211	227 4697	alan.davies@northumbria.ac.uk
Paul Greenhalgh	B225	227 4741	paul.greenhalgh@northumbria.ac.uk
Keith Hogg	B207	227 4544	keith.hogg@northumbria.ac.uk
Lawrence Hughes	B304	227 4914	lawrence.hughes@northumbria.ac.uk
Derek Lavelle	A212	227 3516	derek.lavelle@northumbria.ac.uk
Michelle Littlemore	A217	227 4778	michelle.littlemore@northumbria.ac.uk
John Lonsdale	A211	243 7742	john.lonsdale@northumbria.ac.uk
Jon Lonsdale	A210	243 7742	jon.lonsdale@northumbria.ac.uk
Bob Monaghan	A211	227 3358	bob.monaghan@northumbria.ac.uk
Ian Murdoch	A214	227 4746	ian.murdoch@northumbria.ac.uk
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John S D Pearson	B313	227 3298	john.pearson@northumbria.ac.uk
Prof Srinath Perera	115WJ	2273172	srinath.perera@northumbria.ac.uk
Marjorie Ridgway	A210	243 7288	marjorie.ridgway@northumbria.ac.uk
Simon Robson	B309	227 4730	simon.robson@northumbria.ac.uk
Victor Samwinga	A212	227 4556	victor.samwinga@northumbria.ac.uk
Glenn Steel	A204	227 3530	glenn.steel@northumbria.ac.uk
Lyndsey Thomas	A209	227 3364	lyndsey.thomas@northumbria.ac.uk
Anna Thompson	A212	227 4785	anna.l.thompson@northumbria.ac.uk
Dr Chika Udeaja	A221A	227 4175	chika.udeaja@northumbria.ac.uk
Lulu Wang		227 3065	lulu.wang@northumbria.ac.uk
Susan Weidner	A209	227 4745	sue.weidner@northumbria.ac.uk

Programme Administration

Duncan Attwell	B201	243 7346	duncan.attwell@northumbria.ac.uk (Senior Administrator)
Suzanne Stelling	B201	243 7558	s.stelling@northumbria.ac.uk (Programme Administrator)

Guidance Tutor

You will be allocated a Guidance Tutor, a member of academic staff who had the duty of providing you with advice on academic, procedural and (where desired and appropriate) personal matters. Where possible, you will retain the same Guidance Tutor throughout your time at Northumbria.

You will be expected to consult with your guidance Tutor during induction week, and regularly thereafter, including whenever modular or progression results are available, and whenever option choices have to be made.

You may in addition ask for a meeting with your Guidance Tutor at any time.

How to contact Tutors

Appointments

Academic staff teach on many modules/programmes and it is advisable to make an appointment if you wish to see them. Occasionally you may be able to have an immediate appointment, but don't be disappointed if you are asked to return at a mutually convenient time. Please contact staff to cancel if you are unable to make the arranged appointment.

The Programme Leader normally allocates time during the week when she will be available, but please feel free to see them at any time if the situation is urgent. If you are having problems contacting a member of the QS team, please contact the Subject Group Director, John Pearson, preferably by e-mail in the first instance.

Notice Board and Blackboard

The main point of contact for staff with students is the Programme notice board or via Blackboard announcements. This could be timetable changes, assessment information or personal messages.

YOU MUST REGULARLY CHECK THE NOTICEBOARDS AND BLACKBOARD ANNOUNCEMENTS. It is particularly important to check notices at the start of the semester when timetable changes are more likely and towards the assessment period when important information will be displayed.



Email

While the telephone usually gives immediate access, e-mail is used extensively throughout the University and is a very effective method of two-way communication between students and staff. You will automatically be allocated an e-mail address by the University once you have enrolled.

Do remember that the Northumbria e-mail address will be the one that is used to make contact with you so do make sure that you check it regularly. You must regularly delete old e-mails from your University e-mail account, otherwise your inbox will become full and you will stop receiving e-mails.

Room Locations

Much of your teaching will take place in Ellison Building but you may be required to go to other parts of the University for classes. The building/room abbreviations will be explained when you receive your timetable.

Programme Structures

In line with other academic institutions, the University operates a modularised system of programmes. The normal full time undergraduate year is equal to 120 credit points, which is equivalent to 1200 hours of Notional Student Workload (NSW). Each standard module of study is 10 points and therefore 12 modules are included in each year. In the two semester system this represents 6 modules per semester, at 100 hours of NSW per module, or about 7 hours per subject per week of NSW including lectures, seminars and private study. Modules may run in semester 1 or semester 2 or for the whole year (Year Long).

Year 1

Semester 1	6 modules	(6 x 10 credits = 60 credits per semester)
Semester 2	6 modules	

Year 2

Semester 1	6 modules
Semester 2	6 modules

Year 3

Professional Placement experience - optional for Quantity Surveyors

Final Year

Semester 1	6 modules
Semester 2	6 modules

Modules of study

Listed overleaf are the modules that you will be studying this year. There is a national requirement that all programmes of study have a publicly available

'Programme Specification'. The Programme Specification provides an account of the 'Learning Outcomes' of a programme of study (broadly – the student's capabilities of the programme) and how these are to be achieved in a structured way by progression through the programme.

This section of the handbook is based on the Programme Specification for your programme. The full and definitive version can be found at <http://allertonavenue.campus.unn.ac.uk:8080/programmespecs/>

Sandwich Degree Programme – Full-time

The structure of the first three years of the Sandwich Degree is the same for both the Quantity Surveying and Commercial Quantity Surveying routes. In the Final year, the routes differ.

Year 1 Structure (Level 4)						
Semester 1	Quantity Surveying Practice and Procedure BE1059 (10 credits)	Sustainable Development BE0966 (10 credits)	Constructional Environmental and Structural Technologies BE0823 (20 credits)	Business in the Built Environment BE1060 (20 credits)	Site Surveying and Engineering BE1043 (20 credits)	Measurement and Co-ordinated Project Information BE0967 (20 credits)
Semester 2	Introduction to Law for the Built Environment BE0826 (10 credits)	Quantitative Methods for Surveyors BE0968 (10 credits)				

Year 2 Structure (Level 5)						
Semester 1	Civil Engineering Measurement & Technology BE0153 (10 credits)	Construction Economics BE0778 (20 credits)	Measurement & Technology 2 BE0890 (20 credits)	Contract Administration BE0894 (20 credits)	Construction Management & Procurement BE0895 (20 credits)	Professional Practice Project 2 BE0896 (20 credits)
Semester 2	Development & Construction Law BE0760 (10 credits)					

Year 3 (Level 5) - Placement Year						
Professional Experience Placement (Quantity Surveying) BE1031 (40 credits)						

Year 4 - Final Year Structure (Level 6) – QUANTITY SURVEYING ROUTE						
Semester 1	Dissertation (Quantity Surveying) BE0582	Development Economics BE0891 (20 credits)	Practise Specialisation BE0892 (20 credits)	Project Management and the Business Environment BE0897 (20 credits)	Advanced Measurement and Technology BE0898 (20 credits)	
Semester 2	Professional Development Project BE0519 (10 credits)					

Year 4 - Final Year Structure (Level 6) – COMMERCIAL QUANTITY SURVEYING ROUTE						
Semester 1	Dissertation (Commercial Quantity Surveying) BE0769		Commercial and Financial Management BE0899	Practise Specialisation BE0892	Project Management and the Business Environment BE0897	Advanced Measurement and Technology (CQS) BE0770
Semester 2	Professional Development Project (CQS) BE0748 (10 credits)	(30 credits)	(20 credits)	(20 credits)	(20 credits)	(20 credits)

Part-time Programme

The part time degree takes five years to complete. The structure of the first three years of the Part Time Degree is the same for both the Quantity Surveying and Commercial Quantity Surveying routes. In the fourth and fifth years, the routes differ.

Year 1 (Level 4)			
Semester 1	Quantity Surveying Practice and Procedure BE1059 (10 credits)	Site Surveying and Engineering BE1043 (20 credits)	Measurement and Co-ordinated Project Information BE0967
Semester 2	Quantitative Methods for Surveyors BE0968 (10 credits)		(20 credits)

Part-time Year 2 (Level 4)			
Semester 1	Sustainable Development BE0966 (10 credits)	Constructional Environmental and Structural Technologies BE0823 (20 credits)	Business in the Built Environment BE1060
Semester 2	Introduction to Law for the Built Environment BE0826 (10 credits)		(20 credits)

Part-time Year 3 (Level 5)

Semester 1	Construction Economics BE0778	Measurement & Technology 2 BE0890	Contract Administration BE0894	Professional Practice Project 2 BE0896
Semester 2	(20 credits)	(20 credits)	(20 credits)	(20 credits)

Part Time Year 4 (Level 5 & 6) – QUANTITY SURVEYING ROUTE

Semester 1	Civil Engineering Measurement and Technology BE0153 (10 credits)	Dissertation (Quantity Surveying) BE0582 (30 credits)	Practice Specialisation BE0892 (20 credits)	Construction Management and Procurement BE0895 (20 credits)
Semester 2	Development and Construction Law BE0760 (10 credits)			

Part Time Year 5 – Final Year (Level 6) – QUANTITY SURVEYING ROUTE

Semester 1	Dissertation (Quantity Surveying) BE0582 (30 credits)	Development Economics BE0891 (20 credits)	Project Management and the Business Environment BE0897 (20 credits)	Advanced Measurement and Technology BE0898 (20 credits)
Semester 2	Professional Development Project BE0519 (10 credits)			

Part Time Year 4 (Level 5 & 6) – COMMERCIAL QUANTITY SURVEYING ROUTE

Semester 1	Civil Engineering Measurement and Technology BE0153 (10 credits)	Dissertation (Commercial Quantity Surveying) BE0582	Practice Specialisation BE0892	Construction Management and Procurement BE0895
Semester 2	Development and Construction Law BE0760 (10 credits)	(30 credits)	(20 credits)	(20 credits)

Part Time Year 5 – Final Year (Level 6) – COMMERCIAL QUANTITY SURVEYING ROUTE

Semester 1	Dissertation (Commercial Quantity Surveying) BE0769 (30 credits)	Commercial and Financial Management BE0899	Project Management and the Business Environment BE0897	Advanced Measurement and Technology (CQS) BE0770
Semester 2	Professional Development Project (CQS) BE0748 (10 credits)	(20 credits)	(20 credits)	(20 credits)

Learning Outcomes for BSc (Hons) Commercial / Quantity Surveying

Specified in terms of performance capabilities to be shown on completion of the programme/pathway.

Knowledge and Understanding

On successful completion of the programme Commercial/Quantity Surveying students will have:

- an awareness of the technological, socio-economic, geographical and environmental context within which construction takes place
- a comprehension of the legal, financial and organisational structures relating to construction procurement
- an understanding of the main theories relating to the key elements of the discipline and their application
- an appreciation of the different needs of Employers, users and other stakeholders in the built environment
- the capacity to identify and apply appropriate professional judgement

Intellectual Skills

On successful completion of the programme Commercial/Quantity Surveying students will:

- have developed an academic approach to the discipline of Quantity Surveying comprising; critical thinking and reasoning, the capacity to question existing practice, independence of thought, ability in critical analysis and application of an intellectual perspective on all issues
- have developed research skills comprising; the handling of large volumes of information, the analysis of issues from various perspectives and a capacity for problem solving – the identification and analysis of a problem, the research and evaluation of appropriate data.
- be able to make connections between different aspects of a problem, transferring knowledge and skills from one context to another.
- be able to apply technical knowledge to more complex and unfamiliar problems and those involving new and unpredictable issues

Practical Skills

On successful completion of the programme Commercial/Quantity Surveying students will have the following employability skills:

- Core capabilities in relation to all aspects of the construction process; namely; project feasibility, the preparation of tender documents, the cost planning and cost control of construction works and the effective avoidance and resolution of construction disputes.
- Information and Communication Technology; both general and subject specific ICT skills, including the generation, management and quantitative analysis of data.
- Presentation; proficiency both with personal work output and in the production and delivery of formal presentations,
- Personal; initiative, creativity, an ability to think conceptually, entrepreneurship, self-discipline, time and resource-management, self-motivation and independent learning and the ability to reflect upon and learn from practical experience
- Interpersonal; relating to team working, leadership, negotiation and conflict resolution skills
- Professionalism; encompassing ethical principles, client focus and the practice of life-long-learning

Transferable/Key Skills

On successful completion of the programme Commercial/Quantity Surveying students will be able to:

- work effectively with others within the context of a team
- exercise independent learning and self-managed development
- apply IT systems and packages
- apply basic research methods
- use numeracy skills, including statistical analysis
- analyse data and extract appropriate information
- work with professional people and clients
- negotiate and manage conflict

Assessment Regulations for Northumbria Awards

The Assessment regulations for Northumbria Awards (ARNA) are the standard regulations which apply to all of the University's academic programmes. Any variations to ARNA have to be approved for a particular programme.

For full details please go to: <http://northumbria.ac.uk/sd/central/ar/lts/assess/>

Module Descriptors

Module Descriptors give information about each module (subject) delivered on your programme.

How to Obtain a Module Descriptor from the University's Website

First, open up Internet Explorer or Netscape Navigator and log into the Northumbria University website at <http://northumbria.ac.uk/>.

Click on:

1. Students
2. My Northumbria
3. Module Search
4. Type in module code
5. Click on 'Go'

Or alternatively, type the following address into your browser:

<http://sits.unn.ac.uk/live/webserv/mod.php>

