

**BSc Honours Quantity Surveying**  
**Adekunle Martins**

My course can be quite demanding but with the provision of learning facilities and the support from my tutors, it has made it easier than I expected. I love my course and would not want to study anything else.



**Other related areas/courses you might be interested in:**  
Architecture (p53) • Property (p193)

# Architectural Technology BSc Honours

Architectural technologists help to bring projects to fruition through making the technical decisions necessary to solve design problems. They need a sound understanding of the processes of design and construction and the management tools, particularly CAD, for the communication of design information. The skills required by the architectural technologist are wide ranging, from design and architectural composition, technical analysis and presentation, to the business and management skills necessary for contract procurement and administration.

Design and development is an increasingly complex issue in which, to reconcile the needs of the client, the community, and the environment, the formation of design proposals and detailed decision-making are challenging tasks which require expert and professional judgement. The course is structured so that you will also learn to appreciate the inter-relationships and multidisciplinary nature of the built environment and gain a broad understanding of the work of fellow professionals in neighbouring disciplines.

## Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1 • Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

## Year 2 (Credit Level 5)

Subjects of study include: Building Services Engineering • Building Structures • Building Technology 2 • Design Studies 2 (double module) • Law • Materials • Research Methods

## Year 3 (Credit Level 6)

Subjects of study include: Architectural Technology Professional Practice • Building Pathology • Building Technology 3 • Construction Site Management • Design Studies 3 (double module) • Individual Project • plus one free choice module

## Length of course

Three-year, full-time; five-year, part-time

## UCAS code

K130

## Location

Central London (Marylebone)

## Professional recognition

This course has been recognised by the Chartered Institute of Architectural Technologists as meeting established standards in terms of resources, course content, staff, teaching, quality assurance and graduate progression, within the profession and qualifies the holder for Associate membership. It is also fully accredited by the Chartered Institute of Building.

## Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress and a variety of methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

## Associated careers

You may work in an architectural design setting alongside architects, engineers, surveyors and other professionals, or practise privately, or run a business either as a partner or a co-director with other professionals in the construction industry. You will be involved in projects such as commercial, industrial and residential, including adaptation, conservation, conversion, maintenance, management, new build or restoration.

## Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

## Building Control Surveying BSc Honours

**Building control surveyors are responsible for ensuring that the construction of new buildings and alterations to existing buildings are carried out in accordance with the building regulations. They interpret and implement systems of building control which ensure healthy, safe building environments with low energy demands and high levels of amenity. These relate to a number of aspects including structural stability, fire safety, energy conservation and access for people with disabilities. You will have a sound technical understanding of building and well developed skills in dealing with people.**

### Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1  
• Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### Year 2 (Credit Level 5)

Subjects of study include: Building Services Engineering • Building Structures • Building Technology 2 • Law • Management Concepts and Skills • Materials • Research Methods • Statutory Control of Building Work

### Year 3 (Credit Level 6)

Subjects of study include: Advanced Building Control • Building Control Professional Practice • Building Pathology • Building Technology 3 • Construction Site Management • Fire Safety • Individual Project • plus one free choice module

### Length of course

Five-year, part-time

### Location

Central London (Marylebone)

### Professional recognition

This course is fully accredited by the Royal Institution of Chartered Surveyors, the Chartered Institute of Building and the Association of Building Engineers.

### Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### Associated careers

Building control surveyors work either for local authorities or in the private sector as approved inspectors. In addition to the regulatory aspects of their work, building control surveyors spend much of their time giving advice to building owners, architects and developers.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

**Building engineers are concerned with all activities involved in the creation and maintenance of the built environment. The main emphasis of their role is the technology of building, though specialisms enable them to focus on building design or the managerial aspects of the production and maintenance processes. Many building engineers also specialise in fire safety engineering. Their expertise includes a detailed understanding of the statutory control of building work.**

**This course is designed to give you a well-rounded but technologically-based education in many aspects of the built environment.**

### **Year 1 (Credit Level 4)**

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1

• Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### **Year 2 (Credit Level 5)**

Subjects of study include: Building Services Engineering • Building Structures • Building Technology 2 • Law • Management Concepts and Skills • Materials • Research Methods • Statutory Control of Building Work

### **Year 3 (Credit Level 6)**

Subjects of study include: Building Adaptation and Conservation • Building Engineering Professional Practice • Building Pathology • Building Technology 3 • Construction Site Management • Fire Safety • Individual Project • plus one free choice module

### **Length of course**

Three-year, full-time; five-year, part-time

### **UCAS code**

K242

### **Location**

Central London (Marylebone)

### **Professional recognition**

This course is fully accredited by the Chartered Institute of Building and the Association of Building Engineers.

### **Teaching and assessment**

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### **Associated careers**

You could work in a wide range of different organisations, including local authorities, contractors, consultancies and commercial companies.

### **Typical offer for September 2009**

<i>Qualification type</i>	<i>Grade/points</i>
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

## Building Surveying BSc Honours

**Building surveying is a dynamic professional discipline, which centres on the physical, functional and economic performance of buildings. To acquire the principal skills of a building surveyor you need to gain a thorough understanding of the construction process, the specification of building work and the identification and correction of faults in existing buildings. You will also gain knowledge of the professional, managerial and legal aspects of building performance. In practice, you may give advice on structural problems or interpret the meaning of 'repairing obligations' in a lease.**

**Around the world, building surveyors offer a wide range of professional services, not only in their traditional role but also in associated disciplines such as project management, facilities management and construction administration. At Westminster, you will be studying in an area which has traditionally been the centre of the surveying profession. Many large and successful firms which employ building surveyors are located nearby. You will need an analytical mind and a reasonable understanding of science and maths. Artistic or technical drawing abilities are helpful.**

### Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1  
• Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### Year 2 (Credit Level 5)

Subjects of study include: Building Services Engineering • Building Structures • Building Technology 2 • Law • Management Concepts and Skills • Materials • Research Methods • Statutory Control of Building Work

### Year 3 (Credit Level 6)

Subjects of study include: Applied Building Surveying • Building Adaptation and Conservation • Building Pathology • Building Surveying Professional Practice • Contract Practice for Construction • Construction Site Management • Individual Project • plus one free choice module

### Length of course

Three-year, full-time; five-year, part-time

### UCAS codes

K230

### Location

Central London (Marylebone)

### Professional recognition

This course is fully accredited by the Royal Institution of Chartered Surveyors, the Chartered Institute of Building and the Association of Building Engineers.

### Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### Associated careers

You will be employed in a wide range of organisations including private consultancies, commercial organisations, central and local government, housing associations and the health service.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

Commercial managers typically work on the contracting side of the industry, assessing the value of work to be done and managing and monitoring costs as the project progresses. Their role is vital to the success of a project and may involve calculating stage payments, making sure the project runs smoothly, and maintaining accurate profit and loss calculations. Commercial managers need excellent business sense and a good understanding of management and construction processes.

### Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1 • Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### Year 2 (Credit Level 5)

Subjects of study include: Advanced Measurement • Building Services Engineering • Building Technology 2 • Commercial Management for Construction Contracts • Economics for Construction • Law • Management Concepts and Skills • Research Methods

### Year 3 (Credit Level 6)

Subjects of study include: Commercial Management Professional Practice • Construction Site Management • Construction Supply Chain Management • Contract Practice for Construction • Cost Strategies • Individual Project • Project Management in Construction • plus one free choice module

### Length of course

Three-year, full-time; five-year, part-time

### UCAS code

K223

### Location

Central London (Marylebone)

### Professional recognition

The course is accredited by the Chartered Institute of Building.

### Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### Associated careers

The main employers of commercial management graduates are contracting organisations, but the highly developed business skills of the experienced commercial manager ensure that many opportunities exist for suitably qualified people both in the UK and overseas.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

## Construction and Surveying BSc Honours

**This generic course is not related specifically to any professional discipline but it allows you more choice over the mix of subjects which you can combine to make up the credits necessary for the degree. Academic tutors will advise you individually as to an appropriate and coherent programme.**

### Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1 • Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### Year 2 (Credit Level 5)

Subjects of study include: Building Services Engineering • Building Technology 2 • Law • Research Methods Options, choose four from: Advanced Measurement • Building Structures • Commercial Management for Construction Contracts • Cost Planning • Design Studies 2 (double module) • Economics for Construction • Management Concepts and Skills • Materials • Statutory Control of Building Work

### Year 3 (Credit Level 6)

Subjects of study include: Construction Site Management • Individual Project Options, choose one from the following Professional Practice modules: Architectural Technology • Building Control • Building Engineering • Building Surveying • Commercial Management • Construction Management • Quantity Surveying • plus, choose three from: Advanced Building Control • Applied Building Surveying • Building Adaptation and Conservation • Building Pathology • Building Technology 3 • Construction Law • Construction Supply Chain Management • Contract Practice for Construction • Cost Strategies • Design Studies 3 (double module) • Fire Safety • Procurement • Project Management in Construction • Site Production Studies

### Length of course

Three-year, full-time; five-year, part-time

### UCAS code

K231

### Location

Central London (Marylebone)

### Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

# Construction Management BSc Honours

**Construction management is an established discipline managing the production of construction work. The range of work includes new build, refurbishment, maintenance, and increasingly, design. In addition to the core themes of management and technology this professional role requires a range of management skills including team working and effective communication. These skills are integrated into the learning strategies of the course.**

## **Year 1 (Credit Level 4)**

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1 • Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

## **Year 2 (Credit Level 5)**

Subjects of study include: Building Services Engineering • Building Structures • Building Technology 2 • Economics for Construction • Law • Management Concepts and Skills • Materials • Research Methods

## **Year 3 (Credit Level 6)**

Subjects of study include: Building Technology 3 • Construction Law • Construction Management Professional Practice • Construction Site Management • Contract Practice for Construction • Individual Project • Site Production Studies • plus one free choice module

## **Length of course**

Three-year, full-time; five-year, part-time

## **UCAS codes**

K220

## **Location**

Central London (Marylebone)

## **Professional recognition**

This course is fully accredited by the Chartered Institute of Building.

## **Teaching and assessment**

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

## **Associated careers**

Typically you will work in construction management, but you may follow a career in project management, financial management or property development. Contractors, developers, professional consultancies, client organisations, central government and local authorities all employ our graduates.

## **Typical offer for September 2009**

<i>Qualification type</i>	<i>Grade/points</i>
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

## Quantity Surveying BSc Honours

Quantity surveyors are the financial managers of the construction team, who add value by monitoring the functions of cost, time and quality in building and engineering projects of any scale. The role of the quantity surveyor has changed significantly in recent years and they now take the long view of building projects, assessing options and providing a client with detailed information on which to base decisions. Increasingly, quantity surveyors are valued for their creative ideas and solutions at the early stages of a project.

### Year 1 (Credit Level 4)

Our construction courses share a common Year 1 (Credit Level 4), providing a common knowledge base through which basic principles are taught. It also promotes the interdisciplinary nature of the modern construction industry. Throughout the course, construction technology and management remain central, the issue of health and safety is addressed and the importance of sustainability is considered.

Subjects of study include: Building Technology 1 • Construction Communication and Graphical Skills • Design Studies 1 • Environmental Engineering and Building Services • Introduction to the Built Environment • Materials Science • Procurement and Project Information • Site Measurement and Surveying

### Year 2 (Credit Level 5)

Subjects of study include: Advanced Measurement • Building Services Engineering • Building Technology 2 • Cost Planning • Economics for Construction • Law • Management Concepts and Skills • Research Methods

### Year 3 (Credit Level 6)

Subjects of study include: Construction Site Management • Contract Practice for Construction • Cost Strategies • Individual Project • Procurement • Project Management in Construction • Quantity Surveying Professional Practice • plus one free choice module

### Length of course

Three-year, full-time; five-year, part-time

### UCAS codes

K240

### Location

Central London (Marylebone)

### Professional recognition

This course is fully accredited by the Royal Institution of Chartered Surveyors and the Chartered Institute of Building.

### Teaching and assessment

The wide variety of teaching and learning methods include lectures, seminars, tutorials, workshops, laboratory sessions, individual and group projects, and guided reading. Assessment is designed to monitor your progress throughout the course and a variety of assessment methods are used including portfolios, written work such as essays and reports, in-class tests and examinations.

### Associated careers

Demand for the services of quantity surveyors is worldwide and quantity surveying is a truly global profession. The increased emphasis placed by clients on costs and value for money means that the quantity surveyor has a wide range of employment possibilities in private practice, central or local government and with construction, investment or development firms both in the UK and overseas.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	BBC
International Baccalaureate	26 points
BTEC National Diploma	DMM

See also entry requirements on p48.

## Construction-Related Foundation Degrees

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**The Construction-Related Foundation Degrees in Science (FdS) were launched in partnership with specialist faculties in several colleges in London and the South East. The courses aim to encourage students from non-traditional backgrounds to participate in higher education.**

The courses are particularly appropriate if you are a mature student with relevant experience in the industry, and you will typically study one day a week plus evenings for three years to be awarded the FdS. These courses are part-time, and all have modules that develop skills and use work-based learning (WBL) as a key teaching and learning strategy. Collaboration with employers is essential for this scheme, and they contribute to your WBL. If successful you have the option of continuing your studies to Honours level at the University.

The FdS in Construction and Surveying and the FdS in Construction Management are offered both at the College of North West London (see p45) in Willesden and Highbury College in Portsmouth. Additionally the College of North West London (see p45) offers the FdS in Architectural Technology.