



## TRENT GLOBAL COLLEGE OF TECHNOLOGY & MANAGEMENT

Trent Global has successfully delivered quality tertiary programmes in the built environment; and its strengths are developed as a result of establishing a strong working relationship with Heriot-Watt University, Edinburgh, and the Singapore Institute of Building.

Today, Trent Global also conducts business programmes at bachelor's degree level from distinguished foreign universities and institutions of higher learning.

As a registered Private Education Institute with the Council of Private Education in Singapore, Trent Global is committed to leading its students to knowledge, skills and wisdom through industry-relevant courses, as well as quality education experiences and career network.



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## HERIOT-WATT UNIVERSITY, EDINBURGH, UK

Heriot-Watt is one of Scotland's foremost universities and is the 8<sup>th</sup> oldest higher institution in UK. It was founded originally as the world's first Mechanics Institution providing education for the skilled people who became pioneers of the Industrial Revolution. The name 'Heriot-Watt' commemorates George Heriot – the renowned 16<sup>th</sup> century jeweller and financier to James VI (later known as James 1 of England) and James Watt – the great 18<sup>th</sup> century inventor and engineer.

Heriot-Watt is internationally famous as a research-based technological university dedicated to high-quality education and training.

Heriot-Watt University is ranked Top 20 University in Business & Management Studies AND Top 22 in UK's universities.

### Some Star Rating

- ✓ Among the top 10 university in UK for graduate employment.
- ✓ Rated excellent, commendable or highly satisfactory in the vast majority of subject areas by the UK Quality Assurance Agency.
- ✓ Rated Top in Scotland for research in Built Environment.
- ✓ The vast majority of research activities have been assessed at international levels of excellence.

The School of the Built Environment at Heriot-Watt University is a multi-disciplinary centre for research and teaching in a wide variety of subjects that all influence our built environment. We have four disciplines areas that make up the School:

1. Architectural Engineering,
2. Civil and Structural Engineering,
3. Construction Management & Surveying; and
4. Urban Studies.

We have an experienced and well regarded body of academic staff that specialise in a variety of areas of research expertise including drainage, urban design and regeneration, flood management, building conservation and sustainable building techniques. The standard and quality of our graduates has led us to achieve a highly successful track record of graduate employment and our unique blend of theoretical knowledge and practical application of skills make our students well prepared for their future careers. Our graduates success and our extensive links with industry help to ensure that they go onto rewarding futures where they are well prepared for the challenges that will face them.

The School of the Built Environment at Heriot-Watt is the leading research institute of its kind in Scotland, pioneering innovative education across all of its disciplines, with the aim of providing relevant expertise across a range of sustainable and economically viable activities. It offers a unique range of educational opportunities involved in the planning, design, construction and development of environment and infrastructure to prepare and enable graduates to make a lasting impact on the built environment.

The School has sustained a high reputation for the international standing of its research in the built environment for two decades. In the Research Assessment Exercise 2008, over 90% of its work was assessed as internationally recognised or better, with 60% in the highest grades (3\* and 4\*), building upon grade 5 achieved in both 1996 and 2001. In terms of research power, measured as the product of research quality and the number of research active staff, it made the strongest single institution submission in Scotland, and seventh strongest in the UK, in 2008.

The School's research is at the forefront of the international research agenda in topics of relevance to sustaining and developing the built environment, cCurrent School research activities include groups concerned with Construction Technology & Materials; Construction Economics & Management; Drainage; Planning, Regeneration and Governance; Environmental Science; Environment & Human Settlements; Materials & Geomechanics; Property Economics & Finance; Structures; Housing and Urban Society; and Sustainable Water Management.

# Heriot-Watt University

## Undergraduate Degree Programme



# BSc

# Quantity Surveying



# BSc Quantity Surveying

## ABOUT THIS COURSE

Trent Global College of Technology and Management in agreement with the prestigious Heriot Watt University, UK: delivers the course material for students to work towards the BSc Quantity Surveying ordinary degree programme in Singapore.

The built environment is made up of all the buildings and infrastructure that surround us, making it possible to live and function as a modern advanced society. These national assets are extremely expensive to construct and maintain. The design and construction of all new buildings, and refurbishment of existing ones, demands effective financial management to ensure value for money for everyone involved. The Quantity Surveyor (QS) is the construction professional providing economic and cost advice on all aspects of the construction process. The QS has the financial, managerial and technical expertise in providing buildings which meet their client's requirements; are delivered on time; and within budget. In their day to day working life the modern QS works with clients, architects, engineers and contractors at every stage of the construction process, from initial concept design through to construction and completion, to ensure value for money objectives are met.

On graduating from this course you will:

- be able to ensure that the resources of the construction industry are used to best advantage from project inception to demolition
- understand how the interrelationship between economics, technology, management and law can be used to add value to the financial and procurement management of construction projects
- have intellectual and research skills appropriate to professional work in these disciplines
- have a range of transferable skills in information technology, communication and team working
- be able to evaluate complex problems and formulate original ideas and proposals in the field of the built environment

This course provides students with an understanding of the demand in effective financial management to ensure value for money to everyone concerned in the construction process. The emphasis is on the contracts management and contracts administration. As a Quantity Surveyor, you will provide economic and cost advice on all aspects of the construction processes. Furthermore, a QS is equipped with financial, managerial and technical expertise which will meet clients' requirements; on time delivery of project; and within budget cost. In their day to day working life, a modern QS works with clients, architects, engineers and contractors at every stage of the construction process, from initial concept design through to construction and completion, to ensure value for money objectives are met.

The demand of QS is great and in fact in shortage. Armed with this prestigious degree, one becomes more marketable in this booming construction industry.

Graduates with relevant employment experience and who meet the progression requirements may be considered for further study at postgraduate level. All applications will be processed directly by Heriot-Watt University.

The degree programme is accredited by the Singapore Institute of Building as a recognised qualification for entry to full membership. The BSc (Hons) Quantity Surveying is accredited by SISV (Singapore Institute of Surveyors & Valuers).

## PROGRAMME KEY FEATURES

- Excellent career and further study prospects
- International recognised qualification
- Industrial relevant, integrated and flexible programmes of study

## LEARNING RESOURCE

The up-to-date and comprehensive learning materials provided to students are developed by a team of experts and subject specialists from Heriot-Watt University.

To complement the Heriot-Watt's learning materials, and to enhance the learning process, supplementary literature and notes are provided by Trent Global.

## MODE OF DELIVERY

The programme offers an effective combination of a Superior Distance Learning Package with comprehensive teaching and support system. The course is offered both full and part-time mode.

## EXAMINATIONS

All assessments are written and marked by Heriot-Watt University staff.

Examinations are held thrice times a year in April, August and December.

All students take the same exam papers as the on campus students in Edinburgh, UK.

## PROGRAMME STRUCTURE

1. Construction Practice and Decision Making
2. Construction Technology 5
3. Procurement and Contract
4. Real Estate Development
5. Safety Management
6. Measurement and Value Studies 2
7. Collaborative 2
8. Collaborative 3

## ENTRY REQUIREMENTS

- A relevant Diploma (Civil Engineering, Building, QS, etc) from any recognised college and University.
- Other equivalent qualifications and relevant industries experience may be considered.
- All applications are approved and authorized by Heriot-Watt University.

## YEARLY INTAKE

Three (3) intakes per year:

## PROGRAMME FEE (PART-TIME)

\*S\$12,900 and payment in three (3) instalments:

First Payment	Second Payment	Third Payment
S\$4,300	S\$4,300	S\$4,300

## OTHER FEES

- \*S\$250 (non-refundable) Registration and eligibility assessment.
- Programme fee includes HWU E-library, VLE, VPN, examinations and assessments.

\*Fees payable are subject to prevailing GST. Fees are correct at time of print. Fees may change without notice.



## PARTICIPANTS BENEFITS

- International recognised, Association of Commonwealth Universities.
- Recognised by BCA as a relevant degree for General Builder GB Class 1 Technical Controller