

BSc QUANTITY SURVEYING

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(R/734/6/0002)(07/2025)(MQA/FA7112)

Be the accountant and lawyer of the construction industry with Quantity Surveying. Launch your career with a globally recognised qualification that equips you for success and paving the way for endless opportunities – allowing you to work anywhere in the world!

CAREER PROSPECTS

Quantity Surveying graduates enjoy strong career prospects, with high demand across Malaysia, the UK, and internationally. They are needed in sectors such as construction, real estate, infrastructure, oil and gas, energy and utilities, banking and finance, insurance, manufacturing, healthcare, education, commercial, public sector, and telecommunications. Graduates can pursue roles like Quantity Surveyor, Project Manager, Contract Manager, Procurement Manager, and Facilities Manager. Specialized positions include Compliance Specialist, Cost Control Specialist, Risk Analyst, Value Engineer, BIM Manager, Sustainability Manager, Environmental Analyst, and Adjudicator. 100% of our graduates are employed or further studies within six months of graduation.



OUR REPUTATION

The School of the Built Environment at the University of Reading is highly respected as one of the leading institutions for building and construction, boasting a long-standing reputation for academic excellence and cutting-edge research. The school is ranked 1st in the UK for Architecture, Building and Planning (Daily Mail University Guide 2025), 3rd in the UK for Building (Complete University Guide 2025) and is among the top 100 globally for Architecture and Built Environment (QS World University Rankings by Subject 2024).

RECOGNITION BY PROFESSIONAL BODIES AND ASSOCIATIONS

The programme leads to professional qualifications and is quadruple-accredited by the Pacific Association of Quantity Surveyors, recognized in 15 countries across the Asia Pacific region, the Royal Institution of Chartered Surveyors (RICS), the largest international professional body for those working in the Built Environment, Construction, Land, Property, and Real Estate, headquartered in London, the Chartered Institute of Building (CIOB), and the Board of Quantity Surveyors Malaysia (BQSM). Upon graduation, students advance to graduate membership in these institutions, and after gaining several years of industry experience, they can register as Professional Quantity Surveyors or Chartered Quantity Surveyors. This qualification also allows them to earn the prestigious 'Sr' prefix from the Royal Institution of Surveyors Malaysia, where 'Sr' stands for Surveyor. Our graduates are now working globally, including in Australia, New Zealand, Canada, the UK, and Singapore.

PROFESSIONAL AND UP-TO-DATE BALANCED CURRICULUM

Our curriculum is professional and up-to-date, reflecting the latest industry and academic trends. Students gain essential knowledge and skills, using advanced technologies like BIM, VR/AR, 3D printing, and 3D laser scanning. The programme offers a versatile education covering construction technology, finance, accounting, economics, contract law, research, business, management, engineering, and digitalisation. This comprehensive learning experience is delivered by a diverse team of expert academics, with occasional input from our Global Professor, Prof. Roger Flanagan, as well as Visiting Fellows, all of whom are past presidents of professional bodies and leading industry practitioners.

EXCLUSIVE BIM CERTIFICATION

Our professional and up-to-date curriculum immerses students in cutting-edge technologies. Upon graduation, students will receive an exclusive certification in BIM, jointly awarded by the University of Reading Malaysia and Exactal, the creators of CostX, an industry-leading BIM and estimating software widely used in construction.

PROFESSIONAL ENGAGEMENT AND INDUSTRY-LINKED INTERNSHIPS

Our curriculum extends beyond the classroom, offering students valuable professional engagement opportunities and internships with top industry players like AECOM, Turner & Townsend, ARCADIS, MMC-Gamuda, Sunway Construction Group, SP Setia, and EcoWorld. These experiences equip students with real-world exposure and hands-on skills, ensuring they graduate not only academically prepared but also professionally experienced, making them highly competitive in the job market.

All of our undergraduate degrees from the University of Reading in the UK and in Malaysia are honours degrees.

MODULES

Year 1

Semester 1

- Construction Technology
- Construction Science
- Information and Communication

Semester 2

- Introduction to Economics and Law
- Empirical Studies and Site Engineering
- Introduction to Management and Projects

Year 2

Semester 1

- Management of Construction Projects 1
- Building Environment Systems and Technology
- Introduction to Quantification and Computerised Taking Off
- Projects and Digitalisation

Semester 2

- Projects and Digitalisation
- Construction Procurement and Contract Law
- Building Pathology and Surveying Practice

Year 3

Semester 1

- Quantification and Costing: Buildings and Civil Works
- Sustainable Built Environments
- Research Skills and Dissertation
- Project QS

Semester 2

- Construction Contract Management
- Research Skills and Dissertation
- Project QS

Please note that all modules are subject to change.