

BSC (HONS) IN QUANTITY SURVEYING

Should have obtained a minimum of 'S' grade in at least one of the following subjects at the G.C.E. (Advanced Level) Examination or equivalent qualification:

Combined Mathematics / Higher Mathematics and other subject/subjects from the following list: Accounting / Economics / Business Statistics / Business Studies / Physics / Chemistry / Information & Communication Technology

- (a) At least a Credit Pass (C) in Mathematics
- (b) At least an Ordinary Pass (S) in Science
- (c) At least a Credit Pass (C) in English Language

The BSc (Hons) in Quantity Surveying at SLIIT equips students with expertise in cost management, contract administration, and project management in preparing them for a renowned career in the construction industry. This program provides in-depth knowledge of cost estimation, contract management, and project management in construction. Students develop expertise in financial management, sustainable building practices, and legal frameworks, ensuring efficiency in construction projects. Practical training and industry exposure prepare graduates for careers as quantity surveyors, cost consultants, and project managers. The program also lays a strong foundation for professional accreditation and further studies in the field.

PROGRAMME OUTCOMES

- Manage the cost and wider spectrum of contractual relationships effectively.
- Effectively document and communicate in managing the pre and post contract stages of construction projects.
- Manage stakeholders, project, procurement, and supply chain.
- analyse and forecast the contemporary local and global trends of the industry-built environment in economic, environmental and social contexts in solving problems and articulating practical solutions while dealing with contradictory information and information asymmetry.
- collaborate and digitally integrate in the multidisciplinary built environment while being technophile, intellectual and autonomous.
- advice in the industry-built environment being conscious on sustainability, health & safety of employees and end users.
- advice on investments and realize the entrepreneurial opportunities related to built-environment.
- uphold professional ethics, social responsibilities and professional norms to become a citizen of good fame and character.
- research and manage data for greater adaptability, innovative practice, capacity building, problem-solving and evolution of knowledge in the discipline.
- continuously extend and build upon professional competencies to maintain resilience and enhance relevance.



YEAR ONE

SEMESTER 01

QS1600	Mathematics and Statistics 1	02
QS1400	Construction Technology 1	04
QS1410	Construction Drawing	03
QS1420	Science and Materials	03
QS1900	Communication Skills 1	02
QS1300	Digital Quantity Surveying 1	02

SEMESTER 02

QS1800	Introduction to Law	04
QS1430	Structures	04
QS1100	Measuremen	03
QS1610	Management and Finance 1	03
QS1910	Communication Skills 2	02

YEAR TWO

SEMESTER 01

QS2620	Economics 1	02
QS2630	Construction Project Management	04
QS2440	Land Surveying	02
QS2450	Construction Technology 2	04
QS2110	Advanced Measurement	04

SEMESTER 02

QS2460	Specification Writing	03
QS2810	Contract Administration	03
QS2310	Digital Quantity Surveying 2	03
QS2470	Building Services	03
QS2200	Construction Procurement	03
QS2000	Industrial Training 1	03

YEAR THREE

SEMESTER 01

QS3820	Construction Contract Law	04
QS3480	Infrastructure Technology	04
QS3050	Collaborative Interdisciplinary Project	03
QS3650	Economics 2	04
QS3210	Tendering and Pricing	03

SEMESTER 02

QS3220	Industrial Project Management	03
QS3660	Engineering Economics	03
QS3120	Engineering Electromagnetics	03
QS3670	Advanced Digital Design	03
QS3680	Power Electronics	03
QS3010	Industrial Training 2	03

YEAR FOUR

SEMESTER 01

QS4320	Digital Integration	04
QS4690	Development Economics and Project Financing	03
QS4020	Research Methods 1	03
QS4030	Research Project	06

SEMESTER 02

4040	Research Methods 2	02
QS4030	Research Project	06
QS4130	Civil Engineering Measuremen	03
QS4700	Professional Practice and Entrepreneurship	02