

Bachelor of Building and Project Management



BACHELOR OF BUILDING AND PROJECT MANAGEMENT

Objectives

This programme is a partnership programme between SIM University and BCA Academy (BCAA). The programme equips students with a repertoire of specialist knowledge and skills for the productive management of projects. Students will be trained in a broad spectrum of competencies including interdisciplinary studies in building design and technology, construction management, international project management, cost management, contract administration, safety management and sustainability.

For Whom

The programme is suitable for practicing professionals in the building and construction industry or in related areas and graduates with a polytechnic diploma or GCE 'A' levels.

Our Edge

- The BBPM programme is a partnership programme with BCAA. Courses are co-developed and classes are co-organised by UniSIM and BCAA.
- The programme has strong support from the industry.
- The curriculum has taken into account of (i) the strengths of established programmes in construction management; (ii) feedback from industry; (iii) accreditation requirements; and (iv) flexibility of career options.
- The programme focuses on productivity in building and project management.
- Our instructors are qualified academic staffs from UniSIM and BCAA and experienced practitioners from the industry. The programme has a blended learning mode of learning which comprises of lectures, seminars, workshops, laboratory sessions, on-site classes, e-dialogues, and group project work.

Career Prospects

Graduates with a degree in Building and Project Management have a wide range of career opportunities. They will have the flexibility and proficiency to take up roles in areas such as Construction Project Management, Cost Management and Contract Administration.



Message from Industry Leader

"The building and construction industry in Singapore is now in a new era, one that demands sophistication and excellence in performance. The relentless and inexorable passage of time must mean that tertiary courses not only provide the necessary knowledge and training to aspiring professionals but to embrace the ever changing paradigms that come about from the constantly changing world. The ability to excel in one's profession would require a programme that fulfills this requirement. The Bachelor of Building and Project Management will help facilitate the change."

Mr Seah Choo Meng

Director

Davis Langdon & Seah Singapore Pte Ltd

President

Society of Project Managers

"Singapore Institute of Building is delighted to know that two very reputable and established institute of higher learning have joined forces to offer the Bachelor of Building and Project Management degree programme. Continuing professional development is important for all building professionals to acquire the latest knowledge and project management skills to handle increasingly complex of building and construction, as well as the challenges to achieve higher productivity with cost effectiveness. The robust curriculum developed for this bachelor's degree will certainly enhance the quality and competencies of building professionals whom are urgently needed to support the continuous and sustainable growth of the local building and construction industry."

Mr Peter Chua

President

Singapore Institute of Building Limited

Programme Structure

This programme is designed to meet the academic requirements for professional recognition. The programme is also intentionally positioned to be applied and practically relevant.

This programme has an honours option. Students who achieve a CGPA of 3.5 and above upon completion of their basic degree will be invited to pursue the honours programme, which will be offered only if the requisite number of students sign up for it. To graduate with a basic degree, students are required to complete a total of 130 credit units (cu) of courses, inclusive of 10 cu of university core courses and 10 cu of General Electives, which are courses offered under the General Studies Programme (course pre-requisite applies). A total of 170 cu is required to graduate with honours, inclusive of a 10 cu Capstone Project.

Building and Construction Authority (BCA) Academy

BCA Academy of the Built Environment is the education and research arm of Singapore's Building and Construction Authority (BCA). BCA Academy provides quality training and research programmes for the advancement of the building industry and the development of an excellent built environment.

For more information on BCAA, please visit www.bcaa.gov.sg

Curriculum*

Level 1 Compulsory Courses

Interdisciplinary Studies in Construction
Management of Projects
Construction Law
Construction IT & BIM
Building Services
Construction Technology
Materials Technology
Contract Administration

Level 2 Compulsory Courses

Construction Economics
Construction Project Management
Productivity Management
Cost Management for Architectural Works
Cost Management for C&S Works
Risk Management & Business Continuity
Procurement Management

Level 3 Compulsory Courses

Life-Cycle-Costing & Sustainable Design & Construction
Project Development & Finance
Project Scheduling & Control
Cost Planning & Estimation
Cost Management for M&E Works
Negotiation & Conflict Resolution
Safety Management & Audit

Level 3 Honours Courses

Incident & Accident Investigation
Environmental Management & Sustainable Development

Level 4 Honours Courses

Professional Practices & Case Studies in Construction Project Management
International Construction Project Management
Advanced Construction Technology
Quality Management Systems

Level 4 Honours Capstone Project

Building & Project Management Capstone Project (10 cu)

* All courses are in 5 cu unless stated otherwise.



Administrative Details

Admissions

You will be considered for admission if you meet these minimum eligibility criteria:

- GCE 'A' level with two passes (prior to 2006) or two H2 passes (from 2006), or local polytechnic diploma;
- Two years of work experience or currently employed on a full-time basis; and
- 21 years old and above.

Candidates with an acceptable SAT score may be considered for admission on a case-by-case basis. All applications are considered individually on merit, and the offer of admission depends on the number of places available. Admission is solely within the discretion of UniSIM.

A through-train progression path is specially designed for students who have excelled in their diploma studies and specialising in a building and project management related diploma. Students who are eligible for this programme can accelerate the completion of this programme. If you are currently a polytechnic student, email sset@unisim.edu.sg for more information.

How to Apply

Applications are to be made online via www.unisim.edu.sg. You must submit all the required documents together with your admission application. Incomplete applications will not be considered.

Tuition Fees and Government Subsidy

The amount of course fee you pay in each semester depends on the number of courses you take in that semester. Course fees cover all study materials, classes, supervision, assignments and examinations. They do not include costs for textbooks and other additional items specified by UniSIM from time to time.

Students enrolled in this programme may be eligible for up to 55% government subsidy on course fee.

Please visit www.unisim.edu.sg for current tuition fees and eligibility criteria for government subsidy.

Internet Access

All UniSIM students must have access to a computer or laptop and the Internet in order to use the electronic and website facilities, which allow access to course, academic or administrative information.

Contact Details:

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