Undergraduate Degrees (For Senior-year Entry in 2018 Admission)
- Bachelor of Engineering in Civil Engineering
- Bachelor of Engineering in Architectural Engineering
- Bachelor of Science in Surveying
- Bachelor of Science in Architectural Studies

Our students are equipped for the huge manpower demand in the region generated by numerous mega infrastructure projects, high-rise complex buildings, high-speed and metro railways and rapid urban development in Mainland China.

Our undergraduate majors are professional discipline specific and aim to serve the civil, building series and construction community by preparing graduates with the necessary skills and knowledge to contribute toward the development of the built environment.

We are proud of having a strong team of outstanding faculty members with diverse ethnic backgrounds, research interests and professional expertise, who are dedicated to advancing and disseminating knowledge.

The younger generation is facing ever more challenging competition from local and global competitors. Extensive opportunities through overseas exchange programs, internships, and study tours can equip our students with sufficient knowledge and skills, relevant work experiences and a truly global mindset.

The discovery-enriched curriculum enables our students to make an original discovery to create new knowledge and cultivate it to benefit society.

Our students benefit from multi-cultural learning environment and multi-disciplinary professional education. Equipped with the state-of-the-art knowledge and technologies, our graduates aspire to become the pillars supporting our contemporary society.

Academic accreditation of BEng in Civil Engineering and BEng in Architectural Engineering by the Hong Kong Institution of Engineers (HKIE) as a recognized degree for applying professional engineer qualification will be sought. BSc in Surveying is accredited by the Hong Kong Institute of Surveyors (HKIS).
The Department is uniquely placed in Hong Kong with its multidisciplinary faculty members including experts in civil engineering, architectural engineering, construction engineering and management, urban design and planning, building science, architectural and surveying, all within one academic unit.

**Department of Architecture and Civil Engineering**

**MAJORS**

- **BEng in Civil Engineering**
  - Structural Analysis and Design
  - Geotechnical and Underground Engineering
  - Transportation Engineering
  - Construction Management
  - Hydraulics and Hydrology

- **BEng in Architectural Engineering**
  - Building Services Engineering Design
  - Electrical Services
  - Fire Engineering
  - Heating, Ventilation and Air-conditioning
  - Pipel Services

- **BSc in Surveying**
  - Construction Technology and Maintenance
  - Construction Contracts and Project Management
  - Law for Construction
  - Property Economics
  - Arbitration and Dispute Resolution

- **BSc in Architectural Studies**
  - Architectural Design
  - History, Theory and Criticism

**THEMES OF STUDY**

- **Electrical Engineering Practice**
- **Air Quality and Ventilation**
- **Architectural Engineering**
- **Sustainable Urbanism**
- **Transport Policy and Planning**

**MAJOR AIMS**

- **BEng in Civil Engineering**
  - Being one of the most dense cities in the world, modern buildings need to provide a safe, healthy and comfortable indoor environment for their use. Architectural engineering consists of the design, planning, installation, commissioning, and maintenance of electrical and mechanical systems in buildings. It is an integrated major that includes such expertise as: heating, ventilation and air-conditioning, electrical installation, fire engineering, piping services and etc.

- **BEng in Architectural Engineering**
  - The Surveying major aims at equipping students with knowledge of land, property, and construction for a career in surveying. The major provides integrated training for construction and real estate, especially for quantity surveyors who manage the construction cost and building surveyors who survey the building performance and conditions.

- **BSc in Surveying**
  - This major aims to provide internationally recognized architectural training to support Hong Kong's move to a world class city. It is designed to equip students with the concept of full integration between various disciplines within architecture and the building industry.

**Specialized Electives**

- **BEng in Civil Engineering**
  - Water and Environmental Engineering
  - Bridge Engineering
  - Highway Engineering
  - Environmental Engineering

- **BEng in Architectural Engineering**
  - Urban Design
  - Sustainable Architecture

- **BSc in Surveying**
  - Property Valuation
  - Construction Contracts and Project Management

- **BSc in Architectural Studies**
  - Sustainable Architecture
  - Architectural Design

**Minors**

- **Civil Engineering**
- **Surveying**

**Scholarships**

- Every year about 450 university scholarships are available for our outstanding undergraduate students.
Major Courses

BEng in Development

Admission

experts in civil engineering, architectural engineering, construction engineering and management, urban
design and planning, building science, architectural and surveying, all within one academic unit.

Architectural Engineering Design

BIM for Capital Projects

Fire Engineering & Piped Services

Construction Contract

Environmental Engineering

Building Science

Practice

Development

Architectural Studies

Surveying

BSc in

BEng in

• Sustainable and Green Architecture
• History, Theory and Criticism
• Property Economics
• Law for Construction
• Civil Engineering
• Transportation Engineering
• Water Resources and Environmental Engineering
• Hydraulics and Hydrology
• Fire Science and Modelling
• Sustainable Urbanism
• Architectural Engineering
• Surveying

This major aims to provide internationally recognized architectural training to support Hong Kong's
capital projects and development in buildings. It is an integrated major that includes such expertise such as: heating, ventilation and
air-conditioning, fire engineering, electrical services, mechanical services, structural engineering, building science, and
construction management. Students will learn the principles and practices of architectural design, construction technology,
and business management, enabling them to become well-rounded and capable graduates who can contribute to the
development of the city.

Surveying

The Surveying major aims at equipping students with knowledge of land, property, and construction
techniques. It covers a wide range of disciplines, including cadastral surveying, land registration,
building surveying, and construction surveying. Graduates can pursue careers in various
deliver complex infrastructure and metro system are constructed. This major aims at equipping students

Our Graduates

Professional Positions

Engineers / Geologists / Architectural professional / Government
Consultants / fireplace engineer, professional surveyor
Acoustics / Office design, electrical engineer
AECOM, General's Office, Hong Kong Government
Liberator Ltd and Bentley Ltd

2013 graduate

Facilities

Automated Drawing Office
Heavy Structures Testing Laboratory
HVAC and Fire Services Laboratory
Land Surveying Laboratory
Lift and Electrical Services Laboratory
Soil Mechanics and Geology Laboratory
Wind Tunnel

2011 graduate

Minghao LI

Lingjun BU

2012 graduate

DISCOVERY & CREATIVITY

100% Employment Rate for Our NAISS Graduates
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**Discovery and Creativity**

The discovery-enriched curriculum enables our students to make an original discovery to create new knowledge and cultivate a selfless society. Our students benefit from multi-cultural learning environment and multi-disciplinary professional education. Equipped with the state-of-the-art knowledge and technologies, our graduates aspire to become the pillars supporting our contemporary society.

Professional Recognitions

Academic accreditation of BEng in Civil Engineering and BEng in Architectural Engineering by the Hong Kong Institution of Engineers (HKIE) as a recognized degree for applying professional engineer qualification will be sought. BSc in Surveying is accredited by the Hong Kong Institute of Surveyors (HKIS).