



BCA ACADEMY

Further Study at BCA Academy

Dr LEE Rou Xuan | Dr WENG Jian
School of Executive & Continuing Education

Further Study at BCAA

BCAA partners The University of Newcastle (UON), Australia to offer Bachelor Degree programmes:



Bachelor of Construction Management (Building) (Honours)

Bachelor of Civil Engineering (Honours)



90% EMPLOYED[?]

within four months of
graduation



WORLD TOP 26[?]

for mineral and mining
engineering



WORLD TOP 150[?]

for civil engineering



NO. 1 IN NSW[?]

for overall student satisfaction,
teaching quality and overall
employment



NO. 1 RESEARCH[?]

for civil engineering

Bachelor of Construction Management (Building) (Honours) (BCM)

- 4 years full time programme in Australia
- 2.5 years (full-time) or 3.5 years (part-time) in Singapore for BCAA Diploma Graduates
- 16 weeks Industrial Experience

Full-time Intakes: February & July

Part-time Intake: July



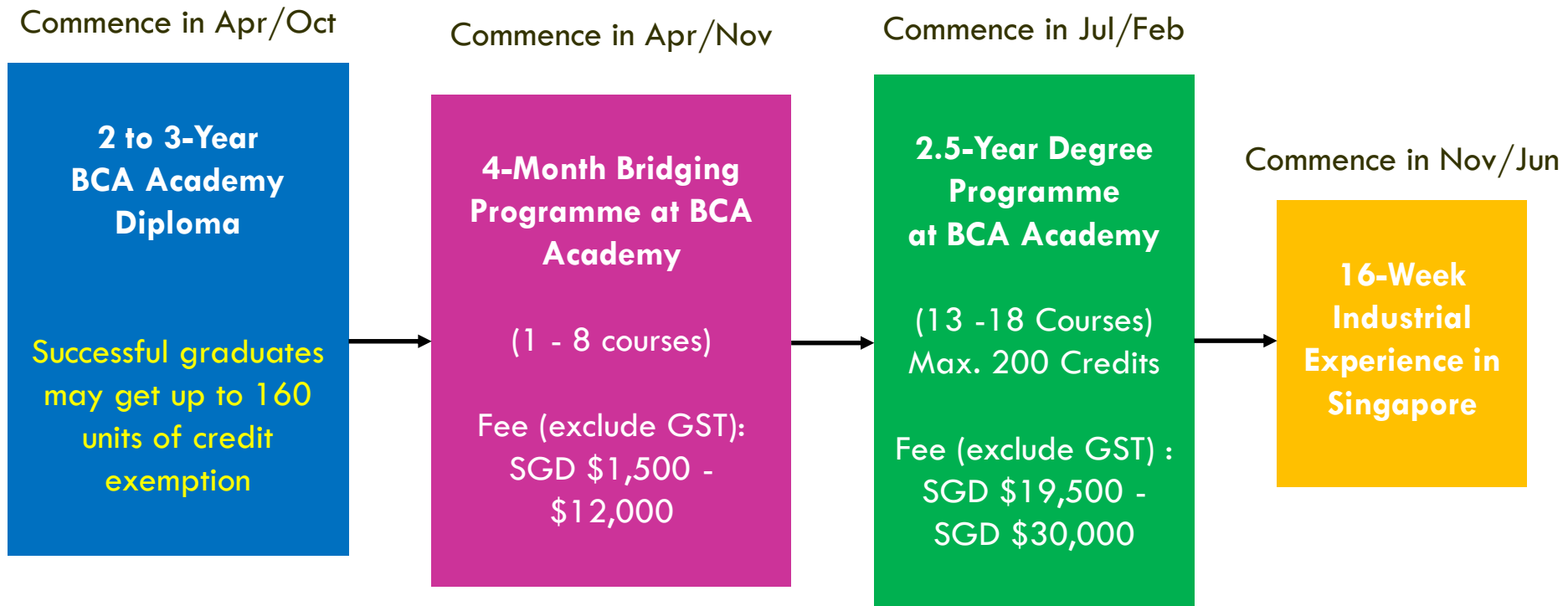
100%
Assignment

Bachelor of Construction Management (Building) (Honours) (BCM)

This degree is **accredited by 6 professional bodies internationally.**

- Australian Institute of Building (AIB)
- Royal Institution of Chartered Surveyors (RICS)
- Australian Institute of Quality Surveyors (AIQS)
- Chartered Institute of Building (CIOB)
- Australian Institute of Building Surveyors (AIBS)

BCAA Diplomas



****Note: Information is correct as of now and is subjected to changes.***

**** Locals are eligible to apply for BCA Scholarship / Sponsorship.***

Bachelor of Construction Management (Building)(Honours) – What you will study

Bridging Courses

Construction Technology 1

Construction Ecology 1

Digital Communication in the Built Environment

Communication in the Built Environment

Construction Law and Legislation

Construction Technology, Sequencing & Representation

Construction Procurement and Tendering

Construction Technology 3

Construction Business Management

Construction Ecology 3

Construction Technology and Services

Construction Management Fundamentals

Bachelor of Construction Management (Building)(Honours) – What you will study

2.5-Year Main Programme at BCA Academy

Building Codes & Compliance

Construction Ecology 2

Measurement of Building Works 1

Health and Safety in Built Environment

Maintenance Services and Rehabilitation

Economics of the Construction Industry

Cost Planning and Estimating

Construction Finance and Entrepreneurship

Work Integrated Building Information Modelling (WILBIM)

Construction Project Planning

Development Economics and Facilities Management

Infrastructure Development

Building Fire Safety & Compliance

Contract Administration

Building Information Modelling (BIM)

Measurement of Building Works 2

Research in the Built Environment A

Research in the Built Environment B

100%
Assignments

Bachelor of Construction Management (Building)(Honours)

Job Positions

BIM Coordinator/BIM Manager

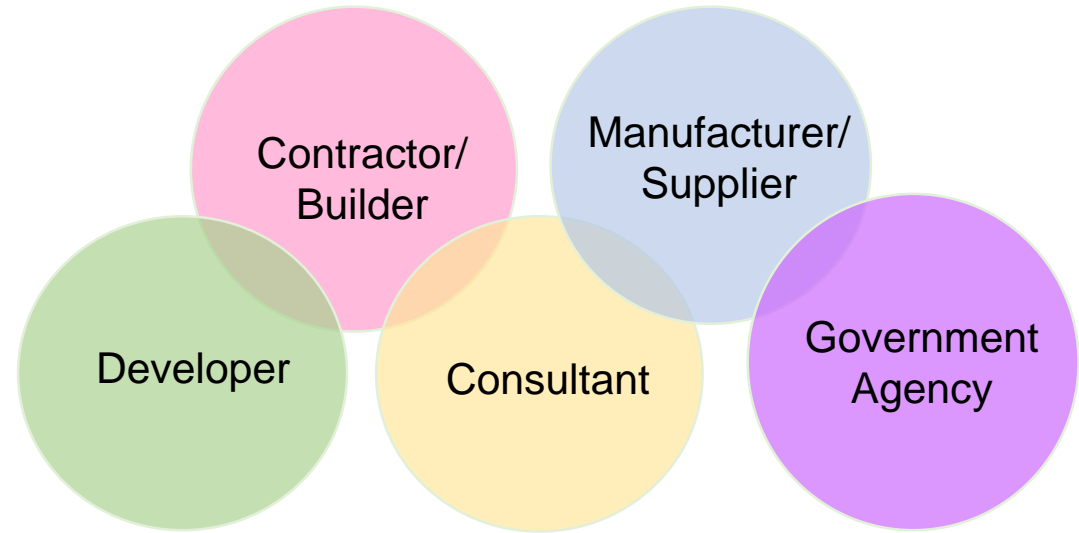
Quantity Surveyor

Project Manager

Site Manager

Planner

Facility Manager



Bachelor of Civil Engineering (Honours) (BCE)

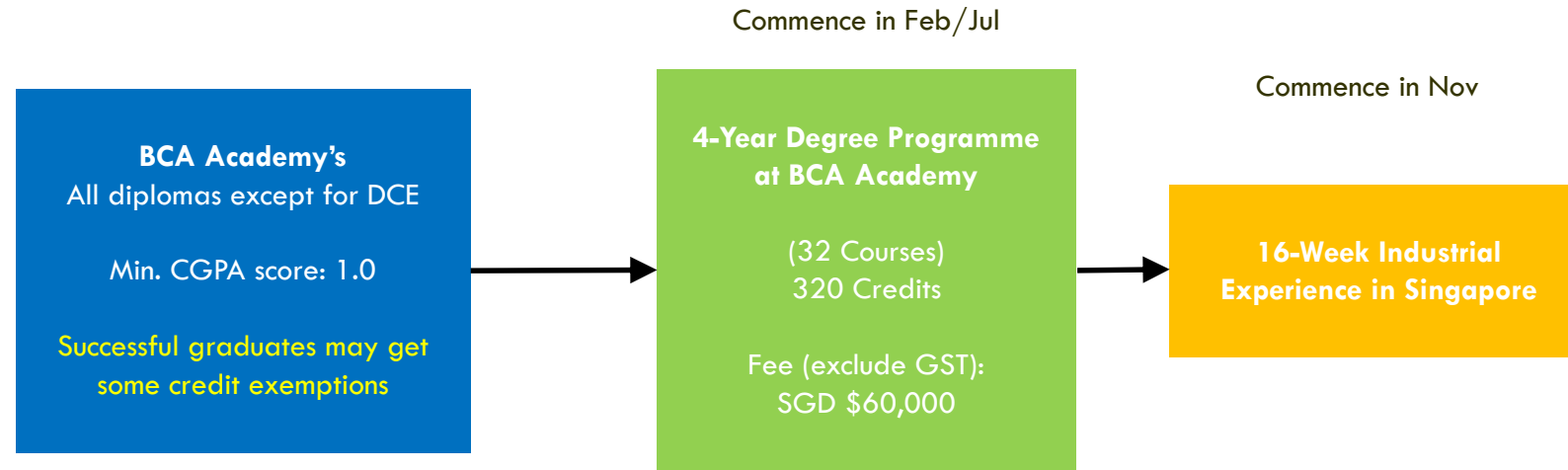
- 4 years full-time programme in Australia
- 2.5 years full-time in Singapore for BCAA DCE Graduates
- 4 years full-time in Singapore for BCAA diploma graduates (except DCE)
- 16 weeks Industrial Experience

Full-time Intakes: July



**Customised
Curriculum**

Bachelor of Civil Engineering (Honours) Pathway - 4 year pathway

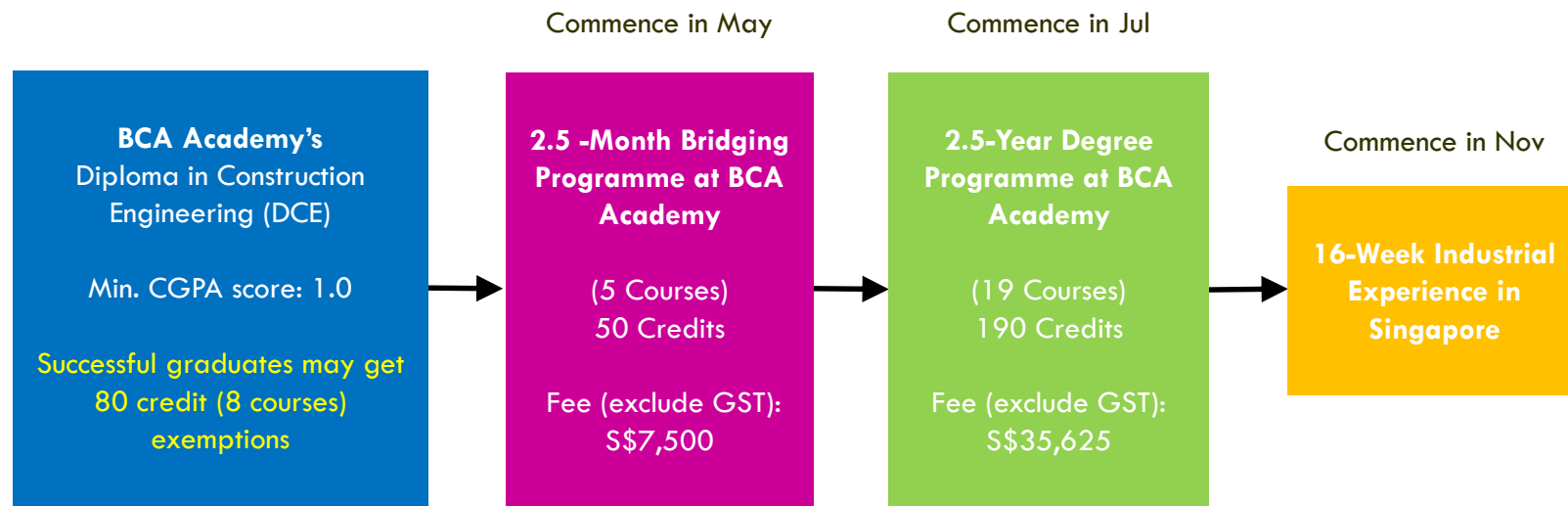


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**** Fee for a 10 credit course is SGD \$1,875 excluding GST. There will be a fee reduction of SGD \$1,875 for every 10 credit exemption.***

****Locals/SPR/Foreigners are eligible to apply for BCA Scholarship / Sponsorship.***

Bachelor of Civil Engineering (Honours) Pathway - 2.5 year pathway



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**Locals/SPR/Foreigners are eligible to apply for BCA Scholarship / Sponsorship.*

Bachelor of Civil Engineering (Honours) – What you will study

Year 1

- Introduction to Professional Engineering
- Mathematics 1
- Mathematics 2
- Fundamental of Engineering Physics
- Introduction to Surveying
- Introduction to Engineering Computations
- Fundamentals of Engineering Mechanics
- Earth Systems

Year 2

- Sustainable Engineering Practice
- Engineering Probabilities
- Theory of Structures 1
- Fluid Mechanics
- Numerical Methods
- Civil Engineering Materials
- Introduction to Geomechanics
- Transportation Engineering and Design

Bachelor of Civil Engineering (Honours) – What you will study

Year 3

Steel Design

Theory of Structures 2

Geomechanics 2

Hydrology

Reinforced Concrete Design

Advanced Analysis for Design

Water Engineering

Construction Technology and Services*

Year 4

Managing Engineering Projects

Geotechnical and Geoenvironmental Engineering

Project S1

Civil Engineering Project A (e.g. Structural Engineering Project)

Civil Engineering Project B (e.g. Geotechnical Engineering Project)

VDC *

Design for Manufacturing & Assembly *

Advanced Structural Analysis*

** Directed Elective specially selected & designed to meet the needs of local industry*

Bachelor of Civil Engineering (Honours) – Career Options

Job Positions

Design Engineer

Project Engineer / Site Engineer

BIM Coordinator/BIM Manager

Project Manager/ Site Manager

Planning Engineer

Sales Engineer

Research Engineer



BCA-Industry iBuildSG Undergraduate Scholarship

- Annual scholarship sum of \$18,000 (local) or \$14,000 (foreigner)
- Applicants should possess outstanding academic results and excellent CCA records
- Max. 3 years bond

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BCA-Industry iBuildSG Undergraduate Sponsorship

- Annual sponsorship sum is \$10,000
- Open to **locals** studying full-time BCE & BCM Programmes at BCAA
- Min. 1 year bond

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Top 7 Reasons to Study UON Degree Programmes at BCAA

1. Top 214 University in the World *(QS ranking)*

Highest ranked Australian
University of similar programmes
in Singapore



2. Conditional Offers to BCAA Diploma students



4. Industry Oriented Curriculum

3. 45% of Australian Fee



5. Good Employment Opportunities



6. Campus Transfer

Bachelor of Construction Management (Building) (Honours) Graduation



Singapore Graduation 2016
at Fairmont Hotel



HEAR FROM OUR BACHELOR OF CONSTRUCTION MANAGEMENT (BCM) GRADUATES !

“The programme has provided me greater insights into the built environment industry, by teaching me almost everything about the construction stage/processes. I aspire to become a Lecturer, to share my knowledge and help develop a better built environment.”

Chong Jia Xuan, 1st Class Honours Graduate (Year 2016)
Graduated from Diploma in Green Building & Sustainability (Temasek Polytechnic)
Pursuing Master of Science in Construction Project Management, University of Manchester, UK





“ The course materials and assignments are able to engage students through applying the techniques and theories that have been taught in class. The programme has exemplified practicality and relevance to the working industry as I am able to relate them during my internship. All in all, I really appreciate both sides of staff from BCA Academy and University of Newcastle in making my degree education exciting and fulfilling. ”

Toh Pei Qi, 1st Class Honours Graduate (Year 2016)
Graduated from Diploma in Property Development & Facilities Management (Singapore Polytechnic)
BCA-Industry Built Environment Undergraduate Scholarship Recipient
Currently Quantity Surveyor with Davis Langdon KPK Pte Ltd

For more information,

Visit www.bcaa.edu.sg

If you have any further question, write in to

bca_academy@bca.gov.sg