

DETAILS	4-YEAR PATHWAY (4 <sup>th</sup> Intake)	ACCELERATED PATHWAY (5 <sup>th</sup> Intake)
Application Closing Date	2 July 2021	16 April 2021
Commencement Date	19 July 2021	3 May 2021

# Full-time BACHELOR OF CIVIL ENGINEERING (Honours)

Degree conferred by The University of Newcastle,  
Australia

**SCHOLARSHIP / SPONSORSHIP AVAILABLE**  
(Applicable for locals & foreigners. T&C apply)

## WHY CIVIL ENGINEERING?

Civil Engineers are highly demanded in Singapore. In fact, Civil engineering is vital to Singapore's drive to creating a better built environment and liveable city. The development of mega infrastructure projects as well as re-shaping Singapore's city landscape will require highly qualified engineers trained in civil discipline. As we build higher and dig deeper underground, there is high prospects for Civil Engineers<sup>^</sup> to design, plan, build, manage and oversee the development of infrastructure/building projects.

This degree programme is designed to allow both GCE 'A' level and diploma graduates a pathway to pursue a rewarding career in the built environment.

<sup>^</sup>Average monthly salary of a Civil & Structure Engineer range from \$3,700 (25<sup>th</sup> percentile) to \$4,900 (75<sup>th</sup> percentile). Source: Wage Study commissioned by SkillsFuture Singapore, 2020.

## WHY STUDY WITH US?

### • CAREER-READY SYLLABUS

Emerging technologies and work processes such as Virtual Design and Construction (VDC), and Design for Manufacturing and Assembly (DfMA) are included in the curriculum. These knowledge will provide you a head-start in career over your peers.

### • EQUAL ACADEMIC STANDING AND RECOGNITION

Your learning experience will be equal to that of home campus in Australia - university-appointed lecturers will deliver lectures face-to-face at BCA Academy; online access to university resources; be awarded the degree by the University of Newcastle, Australia.

### • INDUSTRIAL EXPERIENCE OPPORTUNITIES

You will have the opportunity to real-life work experience at leading built environment firms under the programme's 16-week (minimum) Industrial Experience initiative.

### • SCHOLARSHIP/SPONSORSHIP OF UP TO S\$18,000 PER YEAR IS AVAILABLE

Local or foreign student can apply for the BCA-Industry Built Environment Undergraduate Scholarship/Sponsorship (T&C apply).

(For more information, please visit <http://www.buildingcareers.gov.sg/Programmes-Initiatives/Scholarship-and-Sponsorship-Programmes/undergraduate>)

### • PROFESSIONAL RECOGNITION

Eligible to apply for Resident Engineer registration in Singapore.

## NEWCASTLE RANKINGS

### World-class achievements

**TOP 200**

university in the world

**TOP 200**

10 subjects ranked in the top 200 in the world

**TOP 8**

in Australia for research 'well above world standard'

**NO. 1**

University in Australia for Indigenous enrolments



**94%**

of Engineering undergraduates found employment within four months



**WORLD TOP 100**  
for Civil and Structural Engineering



**NO. 1**

in Australia for quality of overall experience for undergraduate Engineering students

Note: The data is based on the rankings as of 31 Dec 2020. Please refer to the website of the University for details.

## PROGRAMME DETAILS & FEES

The 4-year programme consists of 320 units (32 courses). It will be conducted at BCA Academy, Singapore and fully taught by UON appointed faculty on face-to-face basis. Students with relevant diploma qualification could get up to 1.5 years of exemption.

Course of study includes engineering studies, surveying, mechanics, properties of solids and fluids, structural engineering, geotechnical engineering, water engineering and transportation engineering. Students may be required to complete bridging courses.

(For more information, please visit <https://www.newcastle.edu.au/degrees/bachelor-of-civil-engineering-honours-singapore>)

QUALIFICATION	ESTIMATED DURATION	INDICATIVE FEE (incl of GST & bridging courses)
Diploma holders with relevant construction / civil engineering discipline	2.5 - 3 years	S\$40,125 - S\$48,150
Diploma holders (non-construction / non-civil engineering discipline) / GCE 'A' level or equivalent	4 years	S\$64,200

Note: Payment will be by semester basis. Each 10-credit course will be S\$2,006.25 per course (incl of GST).



### UNIVERSITY OF NEWCASTLE, AUSTRALIA

The University of Newcastle in Australia, established in 1965, is recognised as a world-class institution that delivers quality in education and innovation in research. Internationally, the Academic Ranking of World Universities, Times Higher Education World University Rankings and QS World University Rankings ranked Newcastle in the top three per cent of universities in the world.

### BCA ACADEMY

BCA Academy is the education and research arm of the Building and Construction Authority, Singapore. Founded in 1984, the Academy offers a wide range of training and education programmes tailored to the needs of the building and construction industry. These programmes include programmes for professionals, management and executive personnel, and technical specialists.



BCE.040121.0001

### FOR FURTHER DETAILS, PLEASE CONTACT

**DR. WENG JIAN**

Tel: 6248 9914

Email: [weng\\_jian@bca.gov.sg](mailto:weng_jian@bca.gov.sg)

**MS HUANG XIAOMAN**

Tel: 6248 9843

Email: [huang\\_xiaoman@bca.gov.sg](mailto:huang_xiaoman@bca.gov.sg)

For more information, please visit:

<https://www.bcaa.edu.sg/what-we-offer/academic-programmes/bachelors-degree?CourseId=ec39fa05-54da-448d-8a0f-0233f6f974ef>

BCA ACADEMY

| 200 Braddell Road Singapore 579700

| Tel: 6248 9999

**APPLICATION FORM**

DETAILS	<input type="checkbox"/> 4-YEAR PATHWAY (4 <sup>th</sup> Intake)	<input type="checkbox"/> ACCELERATED PATHWAY (5 <sup>th</sup> Intake)
Application Closing Date	2 July 2021	16 April 2021
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**Bachelor of Civil Engineering (Honours)**

**Important checklist to ensure a quick response to your application.**

Please ✓	<b>APPLYING FOR FULL-TIME STUDY</b>
	<ul style="list-style-type: none"> <li>1 set of official academic transcripts (issued by the awarding institution) with grading system descriptions and certificates</li> <li>Applicant must obtain from the awarding institution to provide the course syllabus (for each courses) including course descriptions, learning outcomes and objectives, contact hours and credits from the institution graduated</li> <li>Official English translations are required for documents in another language</li> </ul>
	<ul style="list-style-type: none"> <li>For Singaporean/PR: 1 coloured copy of applicant's NRIC (front &amp; back)</li> <li>For international applicant: 1 coloured copy of passport (personal details page)</li> </ul>
	<b>FOR INTERNATIONAL STUDENT ONLY</b> – 1 coloured copy of Guardian's identity card (front & back) and passport (personal details page)
	<ul style="list-style-type: none"> <li>All supporting documents must be in PDF copy (in colour)</li> <li>Screenshot/photo format will not be accepted</li> </ul>
	<b>APPLICATION FEE (APPLICABLE TO ALL SUBMISSION)</b> – S\$85.60 (non-refundable, incl of GST)

**Part A - Personal Information**

Title:  Mr  Mrs  Ms  Miss  Other Gender:  Male  Female NRIC/Passport Number: \_\_\_\_\_

Family Name: \_\_\_\_\_ Given Name(s): \_\_\_\_\_

Home Address: \_\_\_\_\_  
Country: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Contact Number: \_\_\_\_\_ (Home) \_\_\_\_\_ (Mobile) \_\_\_\_\_ (Office)

Email: \_\_\_\_\_ Date of Birth: DD / MM / YYYY

Country of Birth: \_\_\_\_\_ Country of Citizenship: \_\_\_\_\_

Mailing Address in Singapore: \_\_\_\_\_  
Postal Code: \_\_\_\_\_

**Emergency Contact Details**

Full Name: \_\_\_\_\_ Relationship: \_\_\_\_\_

Home Address: \_\_\_\_\_  
Country: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Contact Number: \_\_\_\_\_ (Home) \_\_\_\_\_ (Mobile) \_\_\_\_\_ (Office)

**Guardian's Contact Details** (Note: for international student only)

Full Name: \_\_\_\_\_ Relationship: \_\_\_\_\_

Home Address: \_\_\_\_\_  
Postal Code: \_\_\_\_\_

Contact Number: \_\_\_\_\_ (Home) \_\_\_\_\_ (Mobile) \_\_\_\_\_ (Office)

**Part B - Academic Qualification(s)**

List the names of attempted and / or completed secondary and / or tertiary qualifications (e.g., Diploma in Construction Engineering)

Name of Institution <i>(please state country of the Institution)</i>	Name of programme completed / expected to complete	Duration of programme	Year which the programme is completed / expected to complete

Are you referred by any of the institution above?  Yes  No

If yes, please state the name of institution: \_\_\_\_\_

**Part C - English Language Proficiency** (Note: Not applicable to local Polytechnics Diploma and BCA Academy Diploma graduates)

If you are applying on the basis of an overseas qualification, you must demonstrate that you satisfy the University's English Language requirements. This can be demonstrated by:

- A minimum IELTS score of 6.0, with no sub-test score less than 6.0

Other acceptable requirements as outlined in the English Language Proficiency policy at <http://www.newcastle.edu.au/policy/000104.html>

Is English your first language?  Yes  No

Language spoken at home: \_\_\_\_\_

**Part D - National Service Details (For Singaporean / Singapore PR male applicants only)**

Completed NS  Have not completed NS (ORD date: DD MM YYYY)  Not enlisted yet (Enlistment date: DD MM YYYY)  Exempted / Not Applicable

**Part E - Diploma Scholarship / Sponsorship Details**

Are you bonded under any Diploma Scholarship / Sponsorship?  Yes  No

If yes, please state details:

1) Name of Scholarship / Sponsorship: \_\_\_\_\_

2) Are you required to start work on completion of your diploma study?  Yes  No


**Part F - How did you learn about The BCA-UON Bachelor of Civil Engineering (Honours) Programme?**

Please tick accordingly. You may tick more than one boxes:

- Polytechnic  Education Exhibition  Australian Embassy / High Commission  UON Singapore  
 Advertisement  Website / Internet  Friend / Relative studying at the University  BCA Academy  
 Others (Please specify): \_\_\_\_\_

**Part G - Payment for Application Fee**

Please email completed application form with supporting documents to **Huang\_xiaoman@bca.gov.sg**. Payment of the application fee can be made via the below mode:

<b>Internet Bank Transfer</b>	Account Name:	BUILDING AND CONSTRUCTION AUTHORITY	<b>PayNow</b>  Please use BCA PayNow proxy T08GB0005B101 or simply scan the QR Code. Please indicate <your full name> in PayNow reference field.
	Bank Name:	DBS Bank Ltd	
	Account Type:	DBS Current Account	
	Branch Name:	Shenton Way	
	Bank No.:	7171	
	Branch No.:	001	
	Account No.:	001-021871-9	
Swift Code:	DBSSGSG		

**Part H - Declaration**

I hereby apply for admission in accordance with the Act, By-law, and Rules of the University of Newcastle and BCA Academy, and declare that:

- I have read all the brochures supplied. I certify that all information and documentation supplied by me to the University and BCA Academy is true, accurate and complete including all information supplied with my application for admission and/or credit. I understand that I must comply with the rules, policies and by-laws of the University and BCA Academy and that failure to do so may result in the cancellation of my enrolment. I authorise the University and BCA Academy to release information regarding my enrolment to Government agencies in accordance with legal requirements. I understand that the University and BCA Academy will not otherwise disclose the information I have supplied without my consent unless required or authorised by law.
- I understand that failure to pay fees and charges owed to the University or BCA Academy by the due date may result in my access to University services being restricted, the cancellation of my enrolment and/or action to recover any remaining debt.
- I hereby acknowledge that the University and BCA Academy reserve the right to revise the programme fees without prior notice, amend the details of the programme, cancel or postpone the programme and change the venue of the programme.
- I consent to BCA, BCA Academy, and BCA's employees contacting me via my contacts (including email addresses and mobile numbers) to market future courses, seminars, conduct surveys, circulate publications (i.e. magazines, periodicals etc). If you wish to withdraw your consent to any use or disclosure of your personal data as set out above, you may contact us.
- Photographs of students may be taken during lessons/activities organised by BCA Academy/University of Newcastle for the purpose of publicity materials, newsletters and other publications.

In signing this form, I have read and agree to all of the above conditions.

Signed (Applicant): \_\_\_\_\_

Date: \_\_\_\_\_

Signed (Guardian): \_\_\_\_\_

Date: \_\_\_\_\_

Note: All information provided is treated with the strictest confidentiality and is meant for internal use only.