MONASH
BUCT

2+1+1.5
ARTICULATION
PROGRAM
MONASH UNIVERSITY–BUCT 2+1+1.5 ARTICULATION PROGRAM

Eligible students must have successfully completed two years of a four-year Bachelor of Science (Chemistry) or the Bachelor of Science (Applied Chemistry) at Beijing University of Chemical Technology before completing the final year (third year) of the Bachelor of Science with a major in Chemistry at Monash University Australia.

Upon successful completion of the first and second year of undergraduate study at BUCT, and the third year (including a Graduation Design project or equivalent) at Monash University Australia, BUCT students will be awarded:

- A Bachelor of Science degree with a major in Chemistry by Monash University Australia, and
- A Bachelor of Science (Applied Chemistry), a Bachelor of Science (Chemistry) or a Bachelor of Science (Energy Chemistry) at BUCT.

Following the successful completion of the third year in the Bachelor of Science with a major in Chemistry at Monash University, students with at least 60% (credit) average will be able to progress to any of the three eligible 1.5 year programs in:

- Master of Green Chemistry and Sustainable Technologies, or
- Master of Food Science and Agribusiness, or
- Master of Environment and Sustainability.
PROGRAM STRUCTURE

### BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY (BUCT)

**Bachelor of Science**

<table>
<thead>
<tr>
<th>YEAR 1 &amp; 2</th>
<th>Bachelor or Science (Chemistry), or Bachelor of Science (Applied Chemistry) or Bachelor of Science (Energy Chemistry)</th>
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</table>

### MONASH UNIVERSITY (AUSTRALIA)

**Bachelor of Science with a major in Chemistry**

| YEAR 3 Semester 1 (March - June) | Choose four units from the list below  
- CHM3911 Advanced physical chemistry  
- CHM3960 Environmental chemistry  
- CHM3941 Advanced in organic chemistry  
- CHM3930 Medicinal chemistry, or  
- CHM3990 Chemistry project (if not completed before) |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|

| YEAR 3 Semester 2 (July - November) | Choose four units from the list below  
- CHM2922 Spectroscopy and analytical chemistry  
- CHM3952 Advanced analytical chemistry  
- CHM3990 Chemistry project  
- CHM3180 Materials chemistry  
- CHM3922 Advanced organic chemistry  
- CHM3972 Sustainable chemistry |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|

**Paths to 1.5 Year Master Articulation program**

Upon successful completion of the Bachelor of Science with a major in Chemistry at Monash University, BUCT students with 60% (credit average) will be able to progress to one of the following 1.5-year programs.

### 1.5 YEAR Master Articulation Programs

- Master of Green Chemistry and Sustainable Technologies, or  
- Master of Food Science and Agribusiness, or  
- Master of Environment and Sustainability

**Paths to PhD**

Students demonstrating a strong academic record and capability in research will be invited to submit an application for the PhD scholarships available at Monash University.

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THE SCHOOL OF CHEMISTRY ALSO HOSTS MORE THAN 30 RESEARCH ACTIVE ACADEMIC STAFF INCLUDING 4 FELLOWS OF AUSTRALIAN ACADEMY OF SCIENCE AND AUSTRALIAN ACADEMY OF TECHNOLOGY AND ENGINEERING.

# Students can choose to complete the Graduation Design project (or equivalent) during or after the 1.5 year Master’s degree study at Monash, or complete it back at BUCT if not eligible or choose not to complete the Master program at Monash.

^ Students need to choose CHM3922 if they have NOT completed Instrumental Analysis and Experiments of Instrumental Analysis at BUCT.

^^ Students should choose CHM3952 or CHM3990 if they have completed Instrumental Analysis and Experiments of Instrumental Analysis at BUCT.
ADMISSION REQUIREMENTS

**Academic**
Successful completion of the first 2 years of the Bachelor of Science (Applied Chemistry), Bachelor of Science (Chemistry) or the Bachelor of Science (Energy Chemistry) at Beijing University of Chemical Technology (BUCT), with the achievement of at least 75%\(^\text{a}\) in the years completed and Pass (60%) in each attempted unit.

**English language**
BUCT students must also meet the Monash minimum English requirements in one of the following English language tests:
- **IELTS (Academic)**: 6.5 overall, and 6.0 in (Writing, Listening, Reading and Speaking), OR
- **TOEFL (Internet Based test)**: 79 total score, 21 Writing, 12 Listening, 13 Reading and 18 Speaking, OR
- **Pearson Test of English (PTE)**: 58 overall, 50 Listening, 50 Reading, 50 Speaking and 50 Writing, OR
- **Cambridge English (CAE or CPE)**: 176 overall, 169 Listening, 169 Reading, 169 Speaking and 169 Writing.

**Note:**
If you have narrowly missed the English language score for direct entry to the Bachelor of Science at Monash, a package offer for a 10, 15 or 20 week Monash Bridging program will be offered to you.

**For more information, visit:**
monashcollege.edu.au/courses/english/monash-english-bridging

\(\text{\textsuperscript{a}}\) where an Australian 60% credit average (or equivalent) is required.
APPLYING TO STUDY AT MONASH

Apply directly to Monash University as part of the Monash University-BUCT 2+1+1.5 articulation program and receive block credit for the units you have already completed in the first two years of the Bachelor of Science (Applied Chemistry), Bachelor of Science (Chemistry) or the Bachelor of Science (Energy Chemistry) at Beijing University of Chemical Technology (BUCT).

To submit an application, visit: monash.edu/admissions/apply/international-ug

Application deadlines:
Semester 1 (March - June) - early December
Semester 2 (July - November) - late May

VISA INFORMATION
The Department of Home Affairs is responsible for issuing visas for entry into Australia. Students who are planning to study a CRICOS registered course are required to obtain a student visa.

To apply for a student visa (Subclass 500), visit: monash.edu/study/how-to-apply/international-student-applications/visa-requirements

ACADEMIC CALENDAR
Semester 1 - March to July
Semester 2 - July to November
monash.edu/students/dates/summary-dates

GRADING AND ACADEMIC REGULATIONS
monash.edu/exams/results/results-legend

COURSE FEES
Course fees for students commencing the Bachelor of Science with a major in Chemistry in 2023 are AUD$47,500.

MONASH GRADUATE COURSE DISCOUNT
Monash University is offering BUCT students completing the Bachelor of Science with a major in Chemistry a 10% discount on full tuition fees if they progress to the Master of Green Chemistry & Sustainable Technologies, the Master of Food Science & Agribusiness or the Master of Environment & Sustainability commencing in 2023. The 10% discount is applied to the course tuition fees for each semester, and applies to the first year of a master’s program.

For more information visit:
monash.edu/students/admin/fees/discounts/alumni
CLAYTON CAMPUS

Clayton is the largest of Monash University’s campuses. The Faculty of Science and the School of Chemistry are based here.

The campus offers a rich array of sporting, cultural, and educational events and facilities, and has a proud record of achievement in fostering collaborative research projects with local and international educational institutions and industry partners.

For more information on campus and student life at Clayton, visit:

monash.edu/about/our-locations/clayton-campus

ACCOMMODATION

At the Clayton campus, you will have easy access to classes and be in close proximity to the campus facilities, libraries and vibrant life of Monash University.

Prices for on-campus accommodation range from A$265 – A$334 per week for a 42 week contract-lease.

For information on accommodation pricing, how to apply and options at the Clayton campus, visit:

monash.edu/accommodation

COST OF LIVING

Before you begin your studies at Monash, it is a good idea to plan and prepare a budget.

Below are some costs associated with living and studying in Australia, and should be used as an approximate guide. These figures are estimates only and may vary depending on where you live and your lifestyle.

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>COST PER WEEK</th>
</tr>
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<tbody>
<tr>
<td>Rental (off-campus)</td>
<td>A$165 - A$440</td>
</tr>
<tr>
<td>Travel (Public transport)</td>
<td>A$15 - A$55</td>
</tr>
<tr>
<td>Groceries and eating out</td>
<td>A$80 – A$280</td>
</tr>
<tr>
<td>Gas and Electricity</td>
<td>A$35 - A$140</td>
</tr>
<tr>
<td>Phone and Internet</td>
<td>A$20 - A$55</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>A$80 - A$150</td>
</tr>
<tr>
<td>(entertainment, personal items)</td>
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</tbody>
</table>

For more information, visit:

monash.edu/study/why-choose-monash/our-locations/life-in-melbourne/cost-of-living

LIFE IN MELBOURNE

Named as one of the world’s most liveable cities for the past five years, it is a rich, multicultural city of friendly, cosmopolitan people with high education, health care, public transport and safety standards, along with excellent employment rates.

From beautiful parks and gardens to edgy arts and music scene, the city has something for all tastes, including international sporting events and a range of cultural festivals.

visitmelbourne.com
HOW TO APPLY

For more information about this articulation program and how to apply, please contact:

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Guillermo Leguizamon
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Beijing University of Chemical Technology
Mr Jiajun ZHANG
E: zhangjiajun@buct.edu.cn

Monash Science online
monash.edu/science
monashuniversity.cn/study/study-areas/science

Instagram: @monash_science
Twitter: @Monash_Science
Youtube: youtube.com/ScienceMonashUni
TikTok: tiktok.com/@monash_science

Monash University
monash.edu

Wechat: MonashUniAus

International students
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