



MSc in

Sustainable Chemistry for Energy and Environment

**August 2027 Intake
Application Period**

Early Admission: 16 May 2026 to 15 July 2026
Regular Admission : 1 October 2026 to 15 March 2027

The MSc in Sustainable Chemistry for Energy and Environment programme, hosted by NUS Department of Chemistry – ranked top 10 globally and Asia's #1 for twelve consecutive years – offers a chemistry-led approach to address energy and environment challenges of today and tomorrow. The curriculum builds expertise in energy science, sustainable synthesis and environmental chemistry, offering hands-on opportunities through research projects and self-sourced internships. Students will learn to design sustainable functional materials, greener reactions and smarter processes that enable clean energy, circular manufacturing and environmental solutions. Graduates may pursue careers in sustainable energy R&D, clean manufacturing, water and environmental technology, and sustainability consulting or strategy.



CAREER OPPORTUNITIES

Graduates of this programme can look forward to impactful careers in:

- Sustainable energy R&D
e.g. Green hydrogen, fuel cells, carbon dioxide utilisation
- Water & Environmental technology
e.g. Waste-to-resource conversion, pollutant remediation, circular economy
- Clean manufacturing
e.g. Low-carbon materials, sustainable catalysis
- Consulting and strategy
e.g. Green Chemistry adoption in industry and government



CURRICULUM & CANDIDATURE

One intake per year (August):

- Full-time programme (1 to 2 years) or
- Part-time programme (2 to 4 years)
– Only applicable for local students

To graduate from the programme:

- Maintain GPA of 3.00 or higher
- Complete 40 units (four core and six elective courses)

PROGRAMME FEES

SGD 52,320 (inclusive of 9% GST)



ADMISSION REQUIREMENTS

- A Bachelor's (Honours) degree or a 4-year Bachelor's degree in Chemistry or related subjects;
- A candidate whose medium of undergraduate instruction is not English is required to submit TOEFL (with the minimum score of 4.5 or 85 for the internet-based test) or IELTS (with the minimum score of 6.0)

TESTIMONIALS

"The MSc in Sustainable Chemistry for Energy and Environment programme is a timely addition to NUS' slate of programmes to address the pressing environmental issues of today from a Chemistry perspective. Join us to learn essential knowledge and practical skills in sustainable chemistry to contribute to a more sustainable world!"

- **A/P WU Jie**, MSc Programme Director for NUS Department of Chemistry



"Our MSc in Sustainable Chemistry for Energy and Environment programme is for those passionate about using chemistry to address energy and environmental challenges. You will develop skills to advance clean energy, sustainable manufacturing and environmental conservation. This multifaceted curriculum blends depth and breadth, preparing you to lead in the green economy."

- **A/P LAM Yulin**, MSc Programme Director for NUS Department of Chemistry

