

Carbon Neutrality and Climate Change Thrust (CNCC) addresses key national priorities, trains next generation of leaders who face global challenges of climate change, seize opportunities of the new industrial revolution, and develop technical, institutional and policy solutions for a shared sustainable future.



## MASTER OF SCIENCE IN CARBON NEUTRALITY AND GREEN FINANCE

Leveraging the Greater Bay Area's strengths in green finance innovation, the program brings together expertise from environmental science, energy engineering, finance, and public policy to create a comprehensive educational framework. This framework includes theoretical knowledge, practical training, and industry experience. Through a fully English-taught curriculum and a collaborative approach that bridges academia and industry, along with the "Unified HKUST, Complementary Campuses" framework, students will acquire advanced knowledge and skills in carbon neutrality and green finance, as well as insights into domestic and international carbon market policies.

A key highlight of this program is its cross-disciplinary curriculum, which integrates "Carbon Neutrality + Finance". The courses encompass critical areas including energy transition, industrial transformation, green finance, green technology and innovation, carbon accounting and management, carbon trading, and ESG investment strategies. This approach ensures that students develop a well-rounded skill set. Graduates will be well-prepared for roles in government and industry focused on carbon neutrality strategy, project development, trading, and investment, or for engaging in research and policy-making in the realms of carbon neutrality and green finance.



## Master of Science in Carbon Neutrality and Green Finance

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| Degree Granted by                                                             | The Hong Kong University of Science and Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                |
| Mode of Study                                                                 | Full-time (2 Years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |
| Min. Credit Requirement                                                       | 34 Credits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |
| Tuition Fees & Scholarships                                                   | <b>RMB 260,000 per program</b><br>(Scholarships include admission and academic awards for outstanding performance in academics, professional work, and competitions, and other areas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                |
| Learning outcomes                                                             | <ul style="list-style-type: none"> <li>● Understand climate change, carbon neutrality, green finance, and ESG</li> <li>● Apply knowledge through internships with industry and research institutions</li> <li>● Prepare for careers in carbon neutrality, green finance, and ESG</li> <li>● Develop innovative solutions using interdisciplinary knowledge</li> <li>● Build foundational research skills for advanced roles</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |
| Curriculum<br>(Please refer to the program's website for details)             | <p><b>Core courses (10 credits)</b></p> <ul style="list-style-type: none"> <li>● CNGF 5000 Foundation in Green and Sustainable Finance (3 credits)</li> <li>● CNGF 5010 Green Technology and Innovation (3 credits)</li> <li>● CNGF 5020 5020 Environmental Modeling and Big Data Analytics (3 credits)</li> <li>● CNGF 6030 Career Fair Workshop (1 credit)</li> </ul> <p><b>Elective courses (15 credits)</b></p> <ul style="list-style-type: none"> <li>● CNGF 5200 Life Cycle Assessment: From Theory to Application (3 credits)</li> <li>● CNGF 5400 Carbon Pricing, Trading, and Climate Finance Innovations (3 credits)</li> <li>● CNGF 5500 Carbon Accounting and Management (3 credits)</li> <li>● CNGF 5700 ESG Integration and SDG Investing (3 credits)</li> <li>● CNGF 5840 Green Finance and ESG Investment Strategies (3 credits)</li> <li>● CNGF 5850 Fintech Innovations for Sustainable Finance (3 credits)</li> <li>● CNGF 5860 Carbon Finance Modeling (3 credits)</li> <li>.....</li> </ul> <p><b>Program Project (3 credits)</b></p> <ul style="list-style-type: none"> <li>● CNGF 6980 Independent Project (3 credits)</li> </ul> <p><b>Internship (6 credits)</b></p> <ul style="list-style-type: none"> <li>● CNGF 6050 Internship I (3 credits)</li> <li>● CNGF 6051 Internship II (3 credits)</li> </ul> |                                |
| Admission Requirements<br>(Please refer to the program's website for details) | <ul style="list-style-type: none"> <li>● Obtained a bachelor's degree from a recognized institution, or an approved equivalent qualification</li> <li>● Fulfill English Language requirements with TOEFL-iBT: 80 (for tests taken prior to 21 Jan 2026) * or 4.5 (for tests taken from 21 Jan 2026 onwards) *, or TOEFL-pBT: 550, or TOEFL-Revised paper-delivered test: 60, or IELTS (Academic): Overall 6.5 and All sub-scores 5.5*.</li> </ul> <p>* Refers to scores in one single attempt only. Test at home option is not accepted.</p> <p>Applicants are not required to present TOEFL or IELTS score if their first language is English, or they obtained the bachelor's degree (or equivalent) from an institution where the medium of instruction was English.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |
| Application Deadlines                                                         | International students: 15 June 2027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Chinese students: 15 July 2027 |
| Website                                                                       | <div>   </div> <div>           Program Website           Online Admission System         </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |
| Email                                                                         | msc-cngf@hkust-gz.edu.cn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |