Get to know **TONGJI-QUEEN’S 2+2**

Society is increasingly aware of the immense environmental challenges the world faces. Solutions are complex and no environmental issue exists in isolation from the community. To work in environmental fields, students require insights on the causes and scope of environmental problems, as well as expertise in planning, policy and other collaborative problem-solving within our interconnected world.

Tongji and Queen’s want our students to gain a global perspective, international understanding, and cross-cultural proficiency. Queen’s has undergraduate students from over 120 different countries, with over 1300 comprising the international student population. The Environmental Science program at Queen’s also offers experiential learning opportunities that will allow students to also gain practical skills in the field. Students can also gain valuable experience through participation in extracurricular activities. There are over 200 clubs and societies to choose from, such as the Society for Conservation Biology or speaker series focused on climate change and energy issues.

“Students will benefit from a collaborative and integrated network of professors and graduate students in both China and Canada.”

**Queen’s ADMISSIONS**

Prospective students who have been nominated by Tongji University and approved by the Queen’s School of Environmental Studies will apply for admission to Queen’s University using an online application form. Requirements for admission to Queen’s include a minimum cumulative GPA of 2.6, based on the first two years of the Environmental Science or Environmental Science and Engineering program at Tongji; and achieving English language proficiency of 6.5 in the IELTS Assessment (or equivalent), as demonstrated by provision of the test certificate. Students presenting a score of 6.0 are eligible to complete the QBridge (queensu.ca/qsoe/qbridge) program in lieu of achieving a score of 6.5 in the IELTS Assessment.

**Course HIGHLIGHTS**

Many of our courses focus on key environmental problems and ways to address them. These include Environmental Toxicology and Chemical Risks, and Environment and Sustainability. Current issues are discussed in courses like Marine Environmental Issues, Wildlife Issues in a Changing World, and Global Water Issues. Courses in Environmental Assessment or Environmental Policy provide students the opportunity to use case studies and real-world examples to examine the methods and processes that are followed in environmental policy-making.

**Degree PLAN**

- Bachelor of Environmental Science
  - Tongji University
- Bachelor of Science (Honours)
  - Queen’s University

Acquire **Skills. Gain** Experience. **Go Global.**

That is a degree from Queen’s.
Environmental Science 2+2 MAJOR MAP

BACHELOR OF SCIENCE HONOURS AT QUEENS UNIVERSITY (MAJOR) | BACHELOR OF ENVIRONMENTAL SCIENCE AT TONGJI UNIVERSITY

GET THE COURSES YOU NEED AT TONGJI

1ST YEAR

Transferable Tongji courses for Year 1 include:
- General Chemistry, Advanced Mathematics, Physics I, Fundamental Computer Theory and C/C++ Programming. Students also take required Engineering, History and Philosophy courses for their Tongji degree program.

2ND YEAR

Transferable Tongji courses for Year 2 include:

GET THE COURSES YOU NEED AT QUEEN'S

3RD YEAR

Fall term take GPHY 101, GEOI 104, ENSC 203, ENSC 301 and BIOL 111, BIOL 102, or ENSC 290. Winter term take GPHY 102, GEOI 106 or 107 or 200, ENSC 390, ENSC 201. Summer term take a 3.0 unit elective course through Arts and Science online courses or take the China-Canada field course (BIOL 307/3.0 or BIOL 317/3.0).

4TH OR FINAL YEAR

Fall term take ENSC 310, PHL 203PHL 293 or RELS 235 or CLST 214, ENSC 430 and/or ENSC 501 or ENSC 502. Winter term take ENSC 320 and remaining units of integrative science and interdisciplinary social science and humanities lists.

Apply to graduate on SOLUS.

ENGLISH LANGUAGE TRAINING

Enroll in an extra English language course or seek out opportunities to practice speaking, reading and writing in English.

Take English language proficiency test (e.g. IELTS or testing by Queen’s University Admissions Officer) and have results available by March. The minimum requirement for admission to Queen’s is a 6.0 on the IELTS assessment. Students with a 6.0 IELTS score may be eligible for the eBridge language training program at Queen’s School of English.

APPLICATION TO 2+2 PROGRAM

Submit application to join the 2+2 program in April. Application materials include an unofficial transcript of fall term grades and statement of interest about why you want to do the TJU-QU 2+2 program.

Apply for admission to Queen’s University using the online application form. Students require a minimum GPA of 2.6 and minimum score of 6.0 on the IELTS Assessment or equivalent.

GET CONNECTED WITH THE COMMUNITY

If interested, apply for an Undergraduate Student Summer Research Fellowship (USRF). Look into summer jobs by talking to the department. Or Career Services about work through SWEP or Work Study. Consider studying abroad in the summer: look into taking BIOD 307/317, a China-Canada field course, or courses at the BISC (aka the "Castle"), our UK campus.

Maximize Your Experience

Take the China-Canada Field Course over the summer between Year 1 and 2 or between Year 2 and transferring to Queen’s.

Extra-curricular opportunities are available through various positions with Tongji Institute of Environment for Sustainable Development (IESD).

Get Ready For Life at Queen’s

After you have received your nomination to join the 2+2 program, look at your course plan for Year 3 at Queen’s to make sure you meet course requirements. Independently prepare for life abroad perhaps learn how to cook, or read about North American cultural differences. Join the 2+2 WeChat group with fellow students from current and past exchanges.

Attend regular meetings with your fellow 2+2 program classmates. Learn more about living in Canada and studying at your University. You apply for your visa and residence housing as part of your preparations. Connect with current 2+2 TJU-QU students on WeChat.

Get Ready After Graduation

Start focusing on areas of interest. Research education possibilities for possible careers. If needed, prepare to take any required tests (like the LSAT or GMAT) and get help thinking about grad school from Career Services. Check out what some of our grads are doing at our website.

apply for jobs or consider future education, or make plans for other adventures. Get help from Career Services with job searching, resumes, interviews, grad school applications, or other decisions.

Where could I go after graduation?

- Agriculture
- Air quality
- Architecture
- Bioethics
- Biotechnology
- Cartography
- Ecology
- Energy
- Environmental management
- Fisheries and wildlife
- Forestry
- Geographic information systems
- Health administration
- Horticulture
- Human and Environmental health and safety
- International development
- Landscape architecture
- Law
- Medicine
- Meteorology
- Mining
- Oceanography
- Parks and natural reserves
- Public administration
- Research
- Restoration and reclamation
- Science journalism
- Sustainable development
- Toxicology
- Transportation
- Urban and regional planning
- Waste management
- Water quality

Home careers may require additional training.

Caution: *This map is meant as a guide to provide suggestions throughout your university career. The activities, resources, and careers mentioned are possibilities – you are not restricted to them and you don’t have to follow this exact timeline. Every person (including you!) will find their own unique path through their degree at Tongji, Queen’s and beyond.
Why study **Arts and Science** at Queen’s?

What does every student want in their post-secondary experience? Great learning opportunities with their professors in state-of-the-art facilities matched with a social experience to be remembered. What do parents want for their kids going to university? A safe environment, a place that cultivates independence and great career opportunities upon graduation. Welcome to Queen’s Arts and Science. We will provide an unmatched transformational experience that is beyond your expectations. With retention rates as high as ours it will be no time before you will be part of our amazing alumni network.

---

Why study in **Kingston**?

The BBC has identified us as one of the GREATEST UNIVERSITY TOWNS in the world. We are a university city at the core; just a quick drive to Toronto, Montreal, Ottawa and even New York. With more restaurants per capita than any other city in Canada and known around the globe as the fresh water sailing capital of the world, Kingston has been recognized by Instagram as the happiest city on the planet. Students fall in love with our school and with our city – and you will too.

---

PDF place holder - needs to be subbed for source file