

**Tsinghua-CRI Joint Master's Program, Tsinghua University, 2020**  
**(For international students)**  
**Master of Precision Medicine and Healthcare**  
**BIO<sup>3</sup> (Biology-Nanobiology- Bioinformatics) Program**

## **Open FIESTA**

Open FIESTA (Open Faculty for Innovation, Education, Science, Technology and Art) is co-established by Tsinghua University and the Center for Research and Interdisciplinary (CRI, Paris) in June 2015. Located on the SIGS campus, the Center aims to integrate global innovation resources, develop exponential technologies and disruptive paradigms to catalyze global innovation for sustainability, and nurture students who are creative, entrepreneurial and with a strong sense of social responsibility.

Open FIESTA is looking for excellent students from all over the world who are open-minded, passionate, and willing to be a change-makers to join our master programs.

## **Vision**

As well stated in the UN Sustainable Development Goals (SDGs) in 2015, the world is facing unprecedented fast-growing challenges, including multi-faceted economic, social, climatic and environmental crises.

To train our next generation to be innovative problems solvers, new programs are needed so that students can not only learn through research, but create new knowledge. Meta-skills, such as learning to learn, criticizing constructively, or collaborating with people of different backgrounds, are skills that help us excel in this changing environment.

Thus, top universities have to evolve with redefined strategies to adapt to this urgent need of higher education in the 21st century.

## **Mission**

Open FIESTA will build a global hub and a worldwide network to foster next generation research, education and innovation at Tsinghua University. It is dedicated to:

- Prototyping a new model of a university for the 21st century;
- Cultivating the next generation innovators;
- Building a worldwide open community for interdisciplinary discovery and innovation;
- Exploring solutions for sustainable development and innovation.

## **Tsinghua University**

- Top university in China and Top 16 in QS World University Rankings 2020
- One of 18 most beautiful campuses around the world;
- High quality and diverse research: 136 scientific research institutions and 159 national research institutions;
- Over 50,000 full-time students, more than 3000 international students.

## **Center for Research and Interdisciplinary (CRI, Paris)**

- A presidential project of education innovation in France;
- Recognized internationally as a pioneering program for interdisciplinary and innovation education;
- Open mentorship and flexible pedagogy to support students to develop their own research and innovation projects;
- CRI offers three degree programs integrated in the Bettencourt curriculum: an undergraduate, masters and doctoral program involving Paris-Descartes and Paris-Diderot University.

## **Tsinghua SIGS**

As the sole branch campus of Tsinghua University, the Shenzhen International Graduate School (SIGS) serves as Tsinghua's scientific research and graduate education platform in southern China. It is committed to continuing Tsinghua's academic legacy and promoting scientific innovation. Launched on 29 March 2019, Tsinghua SIGS is a collaboration between Tsinghua University and the Shenzhen Municipal Government that builds on the strengths and experiences of the Graduate School at Shenzhen (GSST) and the Tsinghua-Berkeley Shenzhen Institute (TBSI). It aims to bring together world-class faculty and students, tackle global challenges through cutting edge research and international collaboration, and nurture the next generation of global leaders by creating an International, Borderless, and Entrepreneurial learning environment.

## **An International City- Shenzhen**

- The first special economic zone in China's reform and opening up;
- China's most innovative cities (2011 Forbes list);
- Ranked second in "the world's most economically competitive cities" list (British "Economist", 2012);
- Ranked ninth in the Global Financial Centres Index (GFCI 26)
- GDP: 3rd in China; Growth rate of emerging technology industry GDP: 1st in China;
- China's youngest city, average age of its citizens is 29.5 years old;
- PCT international patent applications and ownership: Ranks first in China with the largest number of effective invention patent ownerships per million people

## BIO<sup>3</sup> (Biology-Nanobiology- Bioinformatics)

**Master's program in BIO<sup>3</sup> (Bio-Nano-Info)** is on the frontier of interdisciplinary life science research covering the life sciences, nanoscience, technology, and information technology. This program implements the mentor system, under the supervision of interdisciplinary tutor team composed of teachers from different disciplines, the program is engaged in the study and research in the fields of cross life science, artificial intelligence assisted diagnosis and treatment, health big data and medical surgical robots.

As an interdisciplinary and innovative development program, students with backgrounds in biology, physics, mathematics, chemistry, medicine, biomedical engineering, materials science and engineering, electronic science and technology and other fields are welcomed.

### Program Highlights

- The program permits graduates to design their own courses of study with curriculum, internships and projects that span various disciplines.
- Each graduate is required to do two rotations at various international innovation labs, workshops and cooperative platforms. Each rotation is at least 3 months long.
- Each graduate student will have an international mentor team composed of different backgrounds to help draw up a personalized curriculum and research project.

### Registration & Degree

The program lasts 2 to 3 years with two study options:

1. Students will study at Tsinghua University for 2 to 3 years. Those who complete the required credits and meet the Tsinghua University Master's degree requirements will be awarded a Master's degree in Precision Medicine and Public Health.
2. Students will study at Tsinghua University for the first academic year, study at CRI in Paris for the second year, and return to Tsinghua for the last year. Those who complete the required credits and meet the requirements for master's degrees both at Tsinghua University and Paris Descartes University (Paris V) will receive a double master's degree from the two universities. Students who only meet the Tsinghua University Master's degree requirements, will only be awarded a master's degree from Tsinghua University.

### Qualification of Applicants

- Applicants must be non-Chinese citizens with a valid passport.
- The applicant should have a bachelor's degree or have the equivalent educational background of a bachelor's degree.
- Details of the programs will be stated as follows:

599 清华大学深圳国际研究生院 TSINGHUA SHENZHEN INTERNATIONAL GRADUATE SCHOOL
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0831J4 精准医学与公共健康 Precision Medicine and Healthcare
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01 BIO3 生命技术 Biology-Nanobiology-Bioinformatique	清华大学-法国巴黎交叉创新研究院联合培养硕士学位项目 Tsinghua-CRI Joint Master Program
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- Applicants should be in good health and of good character, be well-behaved and be willing to abide by China's laws and regulations, as well as Tsinghua's rules.

## Application Process

Applicants should complete an Online Application on the website of the THU Graduate Programs Application System for International Students (<http://gradadmission.tsinghua.edu.cn>) during the designated THU application period. Applicants should fill in the application information online, upload the application documents listed below to the Online Application System, and pay the application fee online at the time of submission.

## Documents for application

- Personal statement.
- Degree certificate. (who will not graduate before the application deadline must provide a pre-graduation certificate from their current academic institution. In this case, the degree certificate must be submitted before registration.)
- Academic transcript
- Two academic recommendation letters from scholars who have the title of associate professor or higher, or senior professionals in a related academic field. Please follow the instructions on the online system for submission of online recommendation letters or upload the recommendation letters signed by references.
- Passport personal information page (personal and ordinary passport).

## Fees

### Study in CHINA (per 1 year):

- Application Fee: RMB 800 (one-off charge)
- Tuition Fee: RMB 33,000/year
- Accidental Injury and Hospitalization Insurance: RMB 800/year
- Accommodation Fee: RMB 1000/month in Shenzhen campus

## Accommodation

Dormitory rooms will be automatically reserved for international students. Students do not need to apply on their own. Housing for admitted international students is coordinated by the University Town of Shenzhen (UTSZ).

## Scholarship & Financial Aid

Scholarship/ Financial Aid	Detail
Chinese Government Scholarship (CGS)	RMB 74,200-79,200 Chinese Government Scholarship, usually covers tuition, stipend, on-campus accommodation, and medical insurance. Annual Review is strictly required.
The Tuition Scholarship	The Tuition Scholarships cover full or partial tuition fee support with a duration of one academic year. Applicants may apply for Tuition Scholarships annually (competitive).
Shenzhen Graduate Student grants	RMB 7,200/year (RMB 600/month*12)
Open FIESTA Financial aid for Full-time international students	RMB 14,400/year (RMB 1200/month*12)

For more scholarship information, please refer to: [http://gradadmission.tsinghua.edu.cn/f/yzlxs/yz\\_lxs\\_kstzb/view?id=76262](http://gradadmission.tsinghua.edu.cn/f/yzlxs/yz_lxs_kstzb/view?id=76262)

## Contact Us

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