STEM Education

Program introduction

The graduate program in STEM Education recruits students from around the world with backgrounds in science, technology, engineering, or mathematics (STEM). Leveraged upon the strengths of East China Normal University in the field of education and its interdisciplinary foundation in science education, the program aims to cultivate high-level professionals equipped with a global perspective, interdisciplinary literacy, and expertise in both scientific educational research and pedagogical practice.

Guided by global trends in science education, the program integrates fields such as science education, the learning sciences, and artificial intelligence. It emphasizes a synergistic development path—bridging education, scientific disciplines, and artificial intelligence—to prepare highly qualified professionals capable of conducting research and driving innovation in science education within multicultural contexts. Furthermore, the program seeks to promote the international dissemination and exchange of China's experiences in science education.

Campus	Putuo Campus	**Degree**	Master of Education
Length (year)	2-4	**Tuition**	80000/year
Instruction Language	English	**Application Language Requirement**	IELTS ≥ 6.0 / TOEFL ≥ 80 / Cambridge English (C1 Advanced (CAE)): ≥ 169
Classes Open to International Students Only		Yes	
Graduation Requirement	Complete all required courses in the training program with satisfactory grades, fulfill professional practice requirements, and pass the thesis defense.		

Major Courses

Principles of Education

Learning Psychology and Instructional Design

Research on International STEM Curricula and Teaching Materials

Science and Technology Education and the Cultivation of Creativity

Artificial Intelligence and Classroom Instruction

Research on Science Education in Informal Settings

Practicum in STEM Education

After Graduation

Graduates may pursue careers such as "STEM + Chinese" teachers in their home countries, science communication and education professionals in science museums or similar institutions, science teachers in multi-lingual or international schools, or staff members focused on science education within international organizations (such as the UNESCO STEM Education Institute).

Available Scholarships

Chinese Government Scholarship

Shanghai Municipal Government Scholarship

International Chinese Language Teachers Scholarship (requires an HSKK Intermediate-level certificate with a score of 60 or above)

*All scholarship recipients are subject to an annual review; recipients of the International Chinese Language Teachers Scholarship are also required to take the HSK and HSKK exams annually.

Application Contact

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