



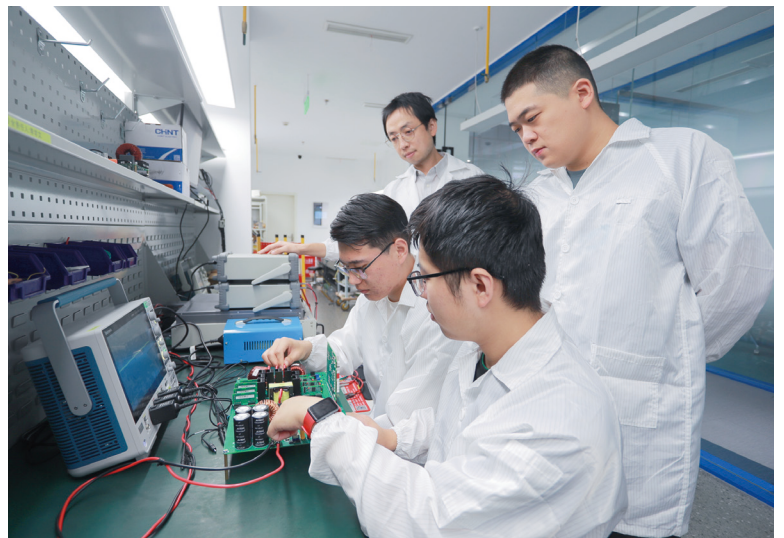
西安交通大学
XI'AN JIAOTONG UNIVERSITY

2025

XI'AN JIAOTONG UNIVERSITY ENGLISH-TAUGHT INTERNATIONAL UNDERGRADUATE PROGRAM IN ELECTRICAL ENGINEERING & AUTOMATION

Xi'an Jiaotong University (XJTU), established in 1896, is a national key university directly administered by the Ministry of Education of China. It is one of China's top ten research universities and a member of C9 League—China's Ivy League. In 2013, XJTU was awarded by the Ministry of Education of China as the **"Demonstration Base for International Education"** due to its outstanding performance in international student education. It was ranked No. 10 on the 2024 Shanghai Ranking of Chinese Mainland.

This program, in response to climate change, energy crises, and the surging electricity demands of the AI era, is offered by the world-renowned and top-tier School of Electrical Engineering at Xi'an Jiaotong University in China. It is one of the most comprehensive undergraduate programs in the field of electrical power globally, with the most complete knowledge system, the strongest faculty and academic background, and the most advanced learning and practice platforms. The program practices the "Electrical+" educational philosophy, vigorously promotes the integration of industry and education, and the convergence of science and education, leading the way in world-class undergraduate education with Chinese characteristics in electrical engineering, and cultivating outstanding electrical engineering talents with top-tier competitiveness.



PROGRAM OVERVIEW

1. Objectives

Against the backdrop of climate change, environmental crises, and the development goals of carbon neutrality, the program aims to cultivate globally competitive electrical engineering talents in the energy and power sector. It primarily focuses on nurturing foundational theories, professional techniques, and practical innovative abilities related to the generation, transmission, conversion, control, storage, and utilization of electrified energy. The program covers a range of disciplines including principles of electricity, solid-state chemistry, energy technology, electronic information technology, and economic management, making it a highly comprehensive professional learning project.

2. Features

The main features of the program are the combination of domestic and international strengths in disciplines, the integration of information and physics, the combination of materials and environmental science, and the integration of equipment and systems.

3. Curriculum

Students will receive basic knowledge and skill training

in electrical principles, automatic control, energy conversion and storage, internet technology, electrical materials and equipment, and engineering management. Students will be equipped with the fundamental abilities to tackle complex engineering problems in equipment design and manufacturing, system analysis, and operation control within the electrical engineering field under the carbon neutrality goal.

4. Internship and Employment

Graduates may work in environmental and energy policy-making departments, energy companies, power grid companies, electrical equipment manufacturing enterprises, research institutes, universities, and other enterprises and institutions, engaging in technology development, system dispatch, equipment design and maintenance, production management, teaching, and research.

5. International Accreditation

This program has successfully obtained the accreditation from the international engineering education accreditation, attesting to its high-quality educational standards and global recognition.

PROGRAM MAJORS

School	Program	Teaching Language	Duration	Type of degree awarded	Tuition Fees (RMB/Year)
School of Electrical Engineering	Electrical Engineering & Automation	English	4 years	Bachelor of Engineering	180,000

ELIGIBILITY

- 18-25 years of age & with good health status, holding valid foreign ordinary passport;
- High school / senior secondary or advanced diploma (Applicants who are still in the last year of high school can provide the expected graduation certificate for applying while the official diploma must be provided before Sep 1st, 2025 upon enrollment);
- Language skills: Submit English proficiency certificate. IELTS 6.0 or TOEFL 80 or Duolingo English Test 110 (or above), or other equivalent English proficiency certificates recognized by our university are accepted. Native speakers of English can be exempted from the corresponding language proficiency certificate after being recognized by our university.
- Comply with the regulations of the Ministry of Education's document. [2020] No.12 and the relevant regulations of our university.

APPLICATION DEADLINE

The Deadline to submit the online application is **May 31, 2025**



CONTACT INFORMATION

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For more information,
please scan the QR code:

