



**电子科技大学**  
University of Electronic Science and Technology of China



**生命科学与技术学院**  
SCHOOL OF LIFE SCIENCE AND TECHNOLOGY

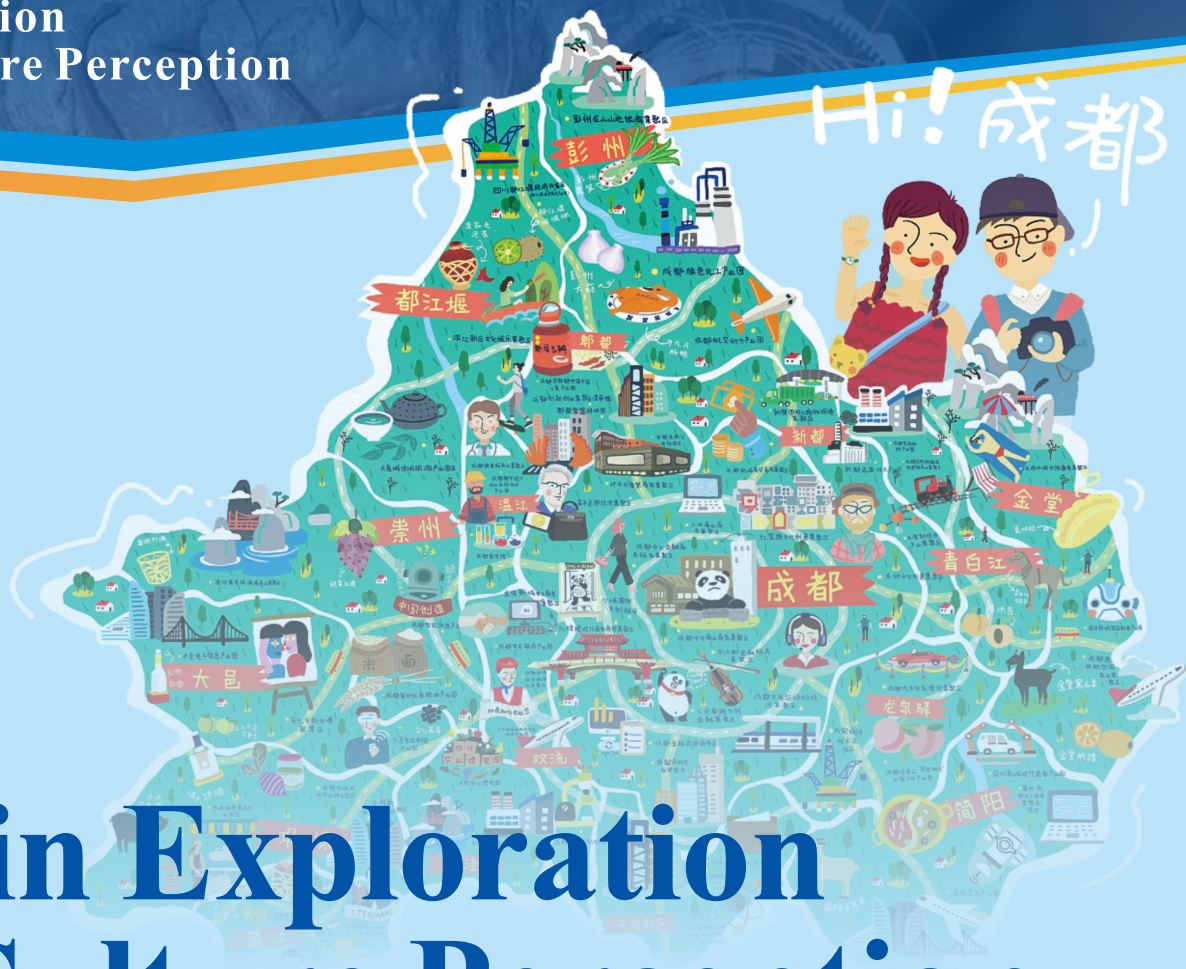
**UESTC International Summer School Program**

# **Brain Exploration Culture Perception**

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**School of Life Science and Technology**





# Brain Exploration Culture Perception

## What is it?

A summer school programme that integrates disciplinary characteristics, scientific and technological development, Chinese culture appreciation and cross-cultural communication, aiming to create a diverse cross-cultural communication platform for students from domestic and abroad by providing brain science-related lectures, lab visit, Chinese culture tour and cross-cultural activities.

## What you will learn about?

- ★ Interdisciplinary studies on brain science, cognitive psychology and artificial intelligence
- ★ Integration of brain science knowledge and Chinese context
- ★ Opportunity to engage in brain science research and culture appreciation
- ★ Better understanding of cross-cultural communication and diversity in the world

## Whom does it target for?

All students around the world who are interested in brain science and Chinese culture.



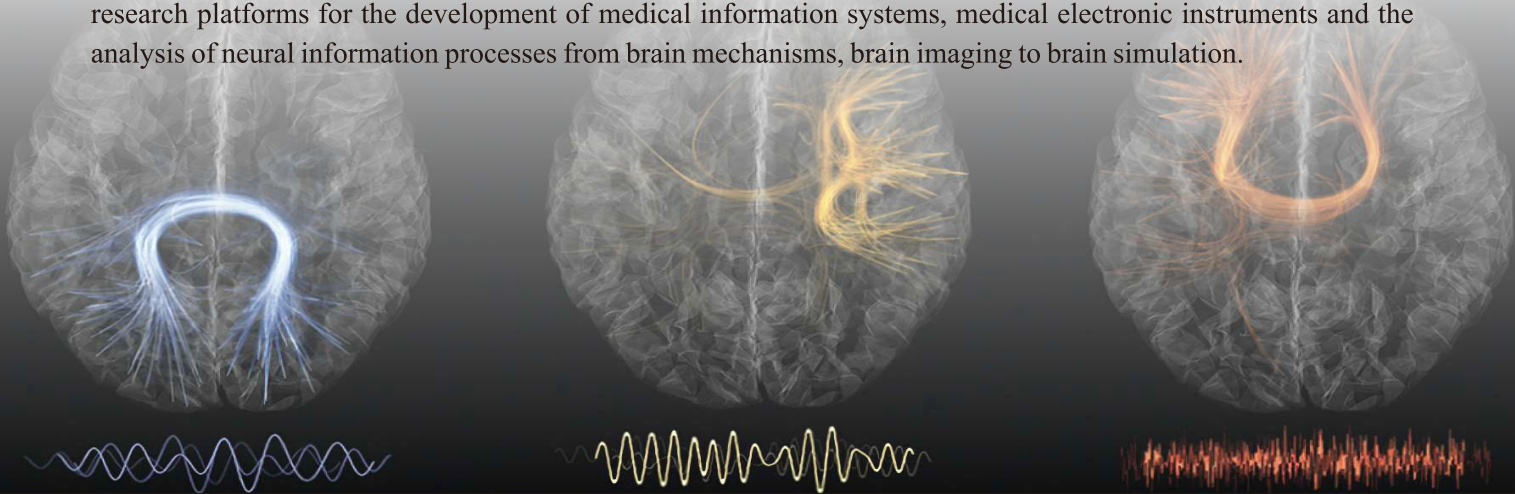
## Lab Introduction

1	<b>Brain Apparatus Conversations Team</b>	BAC is an interdisciplinary subject spanning the fields of brain function/brain disease/hybrid intelligence, and has important basic significance for the development of human brain health, physical and mental health, and brain-computer fusion intelligence
2	<b>Brain Imaging and Pattern Recognition Team</b>	Magnetic resonance brain network imaging method, brain information decoding, imaging representation and mechanism research of neuropsychiatric diseases
3	<b>neuSCAN Team</b>	Social Cognitive and Affective Neuroscience
4	<b>China-Cuba Neurotechnology and Bioengineering Joint Laboratory Team</b>	Research in the field of electroencephalogram (EEG) and magnetic resonance (MRI) theory and method research
5	<b>Interdisciplinary Nonlinear Dynamics Lab</b>	Research on nonlinear dynamics between neurophysiology and analog electronic circuits, applications in neuroscience and bio-inspired engineering
6	<b>Brain Connection Lab</b>	Brain Imaging, Neuroimaging, Functional Brain Connectivity
7	<b>Intelligent Medical and Digital Health Research Team</b>	Information nanomedicine and electromagnetic biomedicine, smart wearable health, multimodal magnetic resonance data fusion and its application, medical information technology, medical big data analysis and application
8	<b>Visual Cognition and Brain-like Computing Team</b>	Brain visual perception and cognitive mechanism and calculation model, brain-inspired intelligence technology and application (computer vision, smart medical care)
9	<b>Visual Perception and Attention Lab</b>	Research on the cognitive mechanisms of vision-related attention, working memory, and emotion

## School Introduction

School of Life Science and Technology (SLST) was established in 2001 with Biomedical Engineering as basic, Electronic Science and Technology, Information and Communication Engineering and Computer Science and Technology as supporting disciplines. Ever since, it has been carrying out fundamental and frontier cross-disciplinary research on neural information, biological information, genetic information and medical information. With more than 20 years' diligent and solid work, SLST has grown up to be a shining school with qualifications of doctorate accreditation in Biomedical Engineering and master accreditation in Biology and Applied Psychology, "Neuroscience and Behavior" has entered ESI 1%.

With UESTC-specific advantage of interdisciplinary strength of biology, electronic information and medicine science, SLST has constructed animal and plant research at the level of genes and molecular cells, advanced research platforms for the development of medical information systems, medical electronic instruments and the analysis of neural information processes from brain mechanisms, brain imaging to brain simulation.



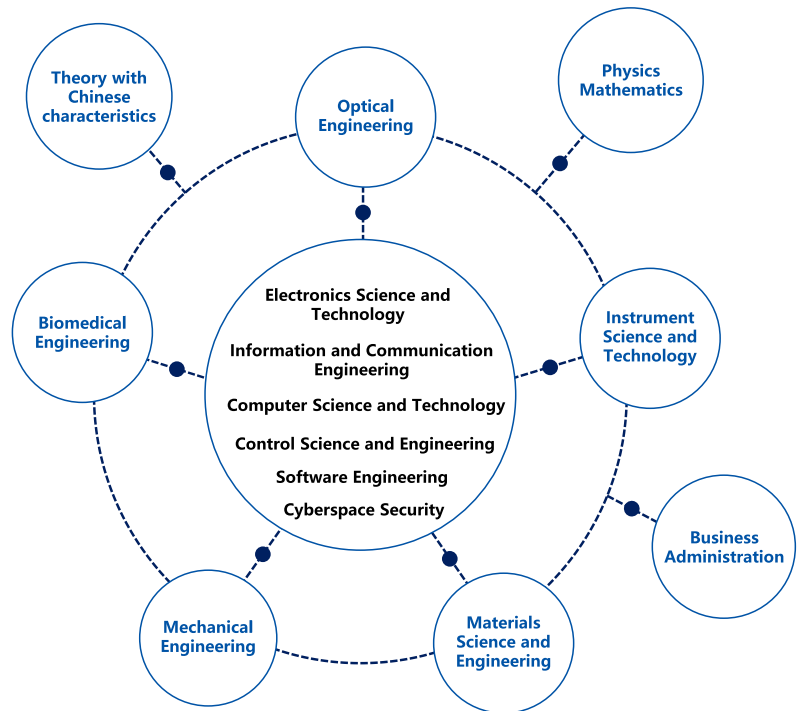
## About UESTC

★ **Motto:** to seek fact and truth, to be noble and ambitious.

★ As one of the **nation's** key universities in 1960.

★ Selected as one of “**Double First-class**” universities (Top 36) in 2017.

★ Sixty years' efforts and cultivations have witnessed UESTC's process from sole dependence on electronic information engineering to all-around programs in electronic disciplines, and the University now turns out to be a **key multidisciplinary** university with electronic science and technology as its nucleus, engineering as its major field and featured the harmonious integration of science, engineering, management and liberal arts, well prepared at the call of the history to come up as a **high-level research-oriented** university.





## Program Information

Topics: Biomedical Engineering, Brain Science, Neuroscience, Brain-computer Interface, Brain-Inspired Intelligence, Lab Visit, Chinese Language and Culture, Culture Tour.

**(1) Registration Fees:** 5000 RMB per student

**(2) Required Documents:**

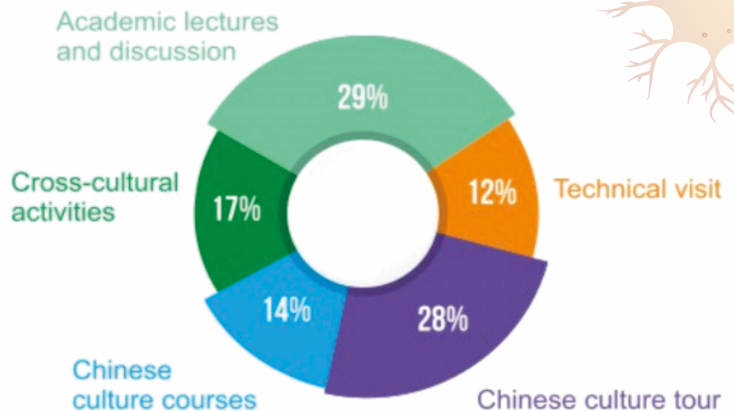
\* Passport (Pages with photo and visa)

\* Notarized Highest Diploma or Letter of Attestation from Your University

**(3) Visa**

Admitted students for our summer school need to apply for an X2 visa (study visa) at the Chinese Embassy with the admission letter.

### Teaching hours:



**Notes: VISA NOT NEEDED** if there is a visa-free policy for ordinary passport holders from France, Germany, Italy, the Netherlands, Spain, Singapore, Thailand, Malaysia etc.

### Please be noted as the following tips:

- ★ The registration fees covers tuition fee, on-campus accommodation, teaching materials, insurance, transportation fees (after arrival at Chengdu), meals and tickets for culture tours
- ★ The fees that are not be included: international airfare (international flight tickets), visa costs (if needed) and other personal expenses



# Brain Exploration Culture Perception



## Application Deadline

- 1. First Round: 15 April 2025
- 2. Second Round: 15 May 2025

## Online Application Platform

<https://admission.uestc.edu.cn>

## Application Qualification

- ★ **Non-Chinese citizen** (at least 18 years of age on arrival at China)
- ★ **Good English Proficiency** (be able to communicate fluently in English)

## Application Procedure

1 Register your account and activate it in <http://admission.uestc.edu.cn>

2 Click on "Start Application" → "Application" → "Short-Term Program" → "General Visiting Student"

3 Select the "Program Name" you want to join

4 Fill your personal information and upload the required documents

5 Click "Submit" and "OK" to complete your application



## Program Schedule



Date	Arrangement
June 29 <sup>th</sup>	Airport pick-up and Check-in
June 30 <sup>th</sup>	School Welcoming Ceremony, Ice-breaking activities, Orientation, Campus Visit, Visit to UESTC Library, Visit to Electronic Science and Technology Museum, Welcome Dinner
July 1 <sup>st</sup>	<b>Brain Science Courses (1)</b> Science Exploration: Mysteries of the Brain <b>Traditional Chinese Culture Workshops (1)</b> Chinese Calligraphy and Chinese paper cuts
July 2 <sup>nd</sup>	<b>Summer School Opening Ceremony</b> <b>Brain Science Courses (2)</b> Science Exploration: Mysteries of the Brain
July 3 <sup>rd</sup>	<b>Brain Science Courses (3)</b> Science Exploration: Mysteries of the Brain <b>Traditional Chinese Culture Workshops (2)</b> Wearing of Costumes of Chinese Han Ethnic Group/Hanfu Sichuan Opera Facial Makeup Painting
July 4 <sup>th</sup>	<b>Local Culture Tours</b> Visit to Panda Valley Visit to Kuanzhai Alley / Wenshu Monastery
July 5 <sup>th</sup> July 6 <sup>th</sup>	Visit to Kuanzhai Alley/ Wenshu Monastery
July 7 <sup>th</sup>	<b>Brain Science Courses (4)</b> Science Exploration: Mysteries of the Brain <b>Technical visit</b> Chengdu Tianfu International Bio-town/Seven Space Great Power Interactive Experience Museum
July 8 <sup>th</sup>	<b>Brain Science Courses (5)</b> Science Exploration: Mysteries of the Brain <b>Students Sports Games</b>
July 9 <sup>th</sup>	<b>Brain Science Courses (6)</b> Science Exploration: Mysteries of the Brain <b>Local Culture Tours</b> Visit to Chengdu Museum
July 10 <sup>th</sup>	<b>Chinese Science Fiction Film Watching</b> <i>The Wandering Earth 2</i> <b>Local Culture Tours</b> Visit to Sanxingdui Museum (Guangan City)
July 11 <sup>th</sup>	<b>Work Display: PPT Presentation or Academic Poster</b> <b>Summer School Closing Ceremony</b>
July 12 <sup>th</sup>	Check-out and Airport Drop-off



\* The schedule shall be regarded as reference and might be slightly adjusted accordingly

## Contact

Contact Person

Ms. Yao

Email

qtnvyao@uestc.edu.cn



## About Chengdu



**Prosperous**

- World's Best Emerging Business City
- China's Inland City with Benchmark Investment Environment
- Top Ten Cities in China
- National Model City for IP Protection

**Convenient**

- 13 national highways
- 4 railway stations
- 2 airports (one of the 3 cities in China)
- 100 international routes
- China's first 5G Business City

**Open**

- Consulates from 18 countries, ranked 3rd in China and 1st in Midwest of china
- 35 Friendship Cities from 31 countries
- Over 550 International Friendship Primary and Secondary Schools and educational cooperation with foreign countries and regions

**Habitable**

- National Historical and Cultural City
- Origin of ancient Shu Civilization
- National Sanitary City
- National Forest City
- Best Tourist City in China
- National Civilization City
- China's Happiest City
- 4 national-level scenic areas
- 4 national forest parks
- 2 national natural reserves
- 38 national key cultural relics protection units
- 7th in National Central City Index Ranking
- National City for Public Security Management
- Ranked 15th in Asia's Top 50 Cities