



电子科技大学

University of Electronic Science and Technology of China

# 2024 U E S T C

## INTERNATIONAL SUMMER SCHOOL PROGRAMS

CHENGDU, CHINA

June 30-July 20

| COME | | EXPERIENCE | | LEARN | | GROW



**EXPERIENCING CULTURE, EXPLORING SCIENCE  
UNDERSTANDING THE PAST, SHAPING THE FUTURE**

- ★ Future AIoT
- ★ Explore Creativity: Robots and Future Technology
- ★ Experience the future China, Explore the Artificial Intelligence
- ★ Brain Exploration, Culture Perception
- ★ Culture Immersion Program



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

# ABOUT UESTC



University of Electronic Science and Technology of China (briefed as UESTC) was founded in 1956, and is situated in Chengdu, a city famous as 'Home of Giant Panda' and 'Land of Abundance' with a long history and rich culture.

UESTC became one of the nation's prominent universities in 1960 and was later included as one of the first universities in 'Project 211' in 1997, a national project for developing 100 first-class universities and a number of key research fields for the 21st century. In 2001, UESTC was admitted into the nation's 'Project 985', receiving special support for developing world-class and world-famous research-oriented universities. In 2017, the University was selected as one of the 'Double First-class' universities (Top36).

Over sixty years of effort and cultivation have witnessed the University's progress from sole dependence on electronic information engineering to all-around programs in electronic disciplines, the University has now become a key multidisciplinary university with electronic science and technology at its heart, engineering as its major field and harmoniously integrating science, engineering, management and liberal arts. It is well prepared to grow as a high-level research-oriented university.



## UESTC TIMELINE

1956

Founded by the merging of electrical departments from 3 top engineering universities in China by then

1997

Admitted into Project 211 (Top 100)

2001

Admitted into Project 985 (Top 39)

2017

Selected as one of the "Double First-class" universities (Top 36)



# UESTC IN NUMBERS

TOP Electronic Science and Technology in China

 **42,000**

42000 students

 **3,800**

Over 3800 staff (including nearly 700 professors)

 **1,000**

Around 1000 international students from over 100 countries

 **150**

UESTC ranks Top 150 in the Academic Ranking of World Universities

 **8**

8 National Key Laboratories

 **38**

38 majors enrolling international students



Latest Global Ranking by U.S. News & World Report



Latest Global Ranking by Academic Ranking of World Universities

 **No.6** Electrical and Electronic Engineering

 **No.8** Artificial Intelligence

 **No.16** Computer Science

 **No.18** Mathematics

 **No.31** Nanoscience and Nanotechnology

 **No.36** Mechanical Engineering

 **No.36** Engineering

 **No.3** Telecommunication Engineering

 **No.7** Remote Sensing

 **No.11** Computer Science & Engineering

 **No.15** Instruments Science & Technology

 **No.21** Transportation Science & Technology

 **No.31** Electrical & Electronic Engineering

 **No.46** Biomedical Engineering

 **No.47** Nanoscience & Nanotechnology



# PROGRAMS

University of Electronic Science and Technology of China warmly welcomes international students from all around the world to join us to experience the Chinese culture, to explore science, and to expand the horizon in our international summer school programs. In 2024, UESTC will offer a series of on-campus ISSPs in areas of science, engineering, Chinese language and culture.

## PROGRAM I FUTURE AIoT

**Future AIoT Program** provides an in-depth study focusing on "Future Internet of Things and Artificial Intelligence Technology" theme. Through academic lectures, hands-on projects, campus tours, students will have the opportunity to access world-class laboratories, engage in interdisciplinary collaboration, and explore cutting-edge designs in emerging engineering fields.

**Duration:** July 1- July 14, 2024

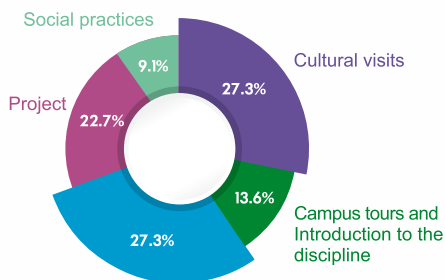
**Topics:** AI for IoT, future Communication and Internet Technology, 5G/6G Wireless Communication, Internet of Vehicle, ASIC/SoC design for smart device, AI-Driven Design

### Highlights of the Program:

1. Academic experts deliver cutting-edge knowledge in the field of AIoT.
2. Conduct hands-on project operations in laboratories, and discuss academic issues with excellent graduate students.
3. Engage in social practices at renowned high schools and communities to gain a deeper understanding of Chinese culture.



### Teaching hours:



Academic lectures



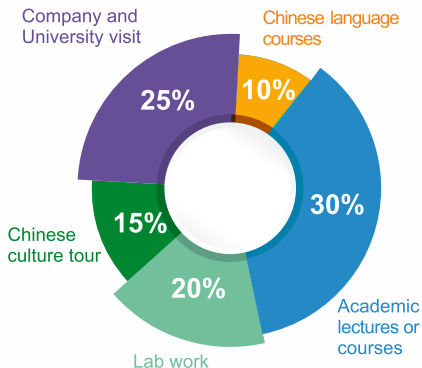
## PROGRAM II EXPLORE CREATIVITY : ROBOTS and FUTURE TECHNOLOGY

**Explore Creativity: Robots and Future Technology Program** designed for students with engineering background. UESTC offers lectures and lab works in areas of Robot Research, 3D Printing, Robocon, Mechatronics and Control Engineering, as well as Chinese language and Culture practices.

**Duration:** July 1-July 14, 2024

**Topics:** Robot Introduction, Robot Practice and Project Design, Robocon, LMITI Robot Team of UESTC, 3D Printing, Mechatronics and Control Engineering, Future Technology, Chinese Language and Culture Tour

### Teaching hours:



### Highlights of the Program:

- 1.Co-training with the championship team of ABU Asia-Pacific Robot Contest (ABU Robocon) and China University Robot Competition.
- 2.In-depth experience of the National Demonstration Center for Mechatronics and Control Engineering Education and the Power System Wide-area Measurement and Control Key Laboratory of Sichuan Province.
- 3.Academic experts deliver cutting-edge knowledge in the field of Robots, Intelligent Manufacturing, Smart Energy and Energy Internet, 3D printing and so on.
- 4.Unique Cultural Experience: Here are pandas, Dujiangyan Irrigation System, hot pot, Sichuan Opera and so on.



## PROGRAM III EXPERIENCE THE FUTURE CHINA, EXPLORE THE ARTIFICIAL INTELLIGENCE

**Experience the Future China, Explore the Artificial Intelligence Program** will bring you to understand what is the Artificial Intelligence, and how it become so popular recently. Unique Artificial Intelligence courses specifically designed for this program together with Chinese Culture and teaching practices.

**Duration:** June 30-July 13, 2024

**Topics:** Artificial Intelligence, Academic Lectures, Company & Lab Visit, Chinese Culture Tour.

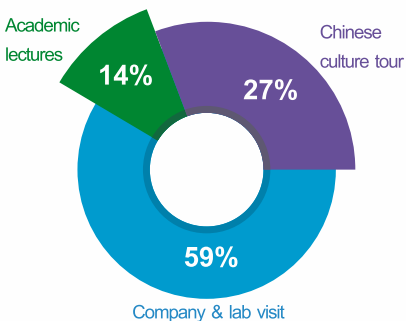
**Highlights of the Program:**

1. Entering the Chinese Enterprise: Through visiting the cooperative enterprises of SISE, students can gain a preliminary understanding of the management mode, organizational structure, and staff culture of Chinese enterprises.

2. Knowing Chinese Culture: By visiting the Panda Base and Sanxingdui (or others), students can gain insights into Chinese culture and history.

3. In-depth Experience of Chengdu City: SISE is situated in the Shahe Campus in the city center of Chengdu, offering convenient transportation and abundant living and entertainment resources.

**Teaching hours:**



# PROGRAM IV BRAIN EXPLORATION, CULTURE PERCEPTION

## Brain Exploration, Culture Perception

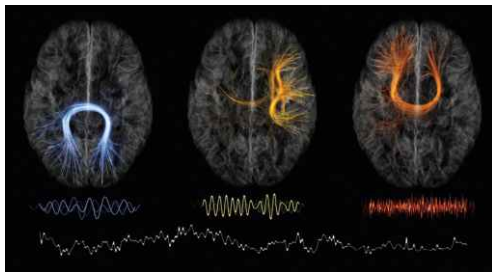
**Program**, briefed as BECP Program, integrates disciplinary characteristics, scientific and technological development, Chinese culture appreciation and cross-cultural communication, aiming to create a diverse cross-cultural communication platform for students from domestic and abroad by providing brain science-related lectures, lab visit, Chinese culture tour and cross-cultural activities.

**Duration:** July 1-July 14, 2024

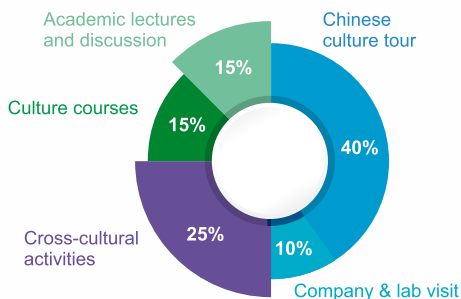
**Topics:** Biomedical Engineering, Brain Science, Neuroscience, Brain-computer Interface, Brain-Inspired Intelligence, Lab Visit, Chinese Language and Culture, Culture Tour

### Highlights of the Program:

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



### Teaching hours:





# PROGRAM V CULTURE IMMERSION PROGRAM

**Culture Immersion Program** is organized by Glasgow College UESTC which offers a unique blend of Mandarin language courses, cultural lectures, and field trips. This program will be a gateway for the participants to understand China's ancient history, diverse culture, and core values.

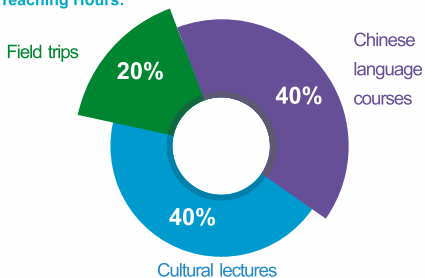
**Duration:** June 30-July 14, 2024

**Topics:** Chinese Language Course, Calligraphy, Tea art, Facial Makeup art, Sichuan Cuisine, Ancient Shu Culture

**Highlights of the Program:**

1. Language Mastery: Tailored Mandarin classes focus on practical usage, enhancing your communication skills.
2. Authentic Immersion: Experience the charm of Chengdu firsthand, from visiting giant pandas to exploring ancient temples. Stroll through the bustling streets of Chengdu, from exploring the busiest commercial area Taikoo Li and the world's largest standalone building, the Chengdu Global Center.
3. Culinary Delights: Savor the unique flavors of Sichuan cuisine, a delicious foray into regional culture.
4. Networking: Build lasting international connections with local students and fellow participants.

**Teaching Hours:**



**\*Note:** All the programs will be taught in English

# APPLICATION INFORMATION



## 1. Program Fee:

| Programs   | Program fee(two weeks)    |
|--|---------------------------|
| I: Future AIoT   | CNY7000≈USD980            |
| II: Explore Creativity : Robots and Future Technology    | CNY7000≈USD980            |
| III: Experience the Future China, Explore the Artificial | CNY6000≈USD840            |
| IV: Brain Exploration, Culture Perception                | CNY5000≈USD700            |
| V: Culture Immersion Program                             | CNY5000≈GBP550 or USD 700 |

### Please be noted as the following tips:

- ★ The program fee normally covers tuition fee, on-campus accommodation, teaching materials, insurance, transportation fees (after arrival at Chengdu), meals and tickets for culture tours.
- ★ Fees for different program may vary differently according to each program's activities and costs.
- ★ The fees that are not be included: international airfare (international flight tickets), visa costs and other personal expenses.
- ★ Program fee can be partially or fully waived for applicants from our partner universities with limit numbers according to each program's criteria. (please contact the International Office at your home university to sign up)

**2. Application Deadline:** **First Round:** 15 April 2024  
**Second Round:** 15 May 2024

**3. Online Application Platform:** <http://admission.uestc.edu.cn>

## 4. Qualification

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

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