



University of Electronic Science and Technology of China

History of UESTC



1956

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

1997

Admitted into Project 211 (top 100)

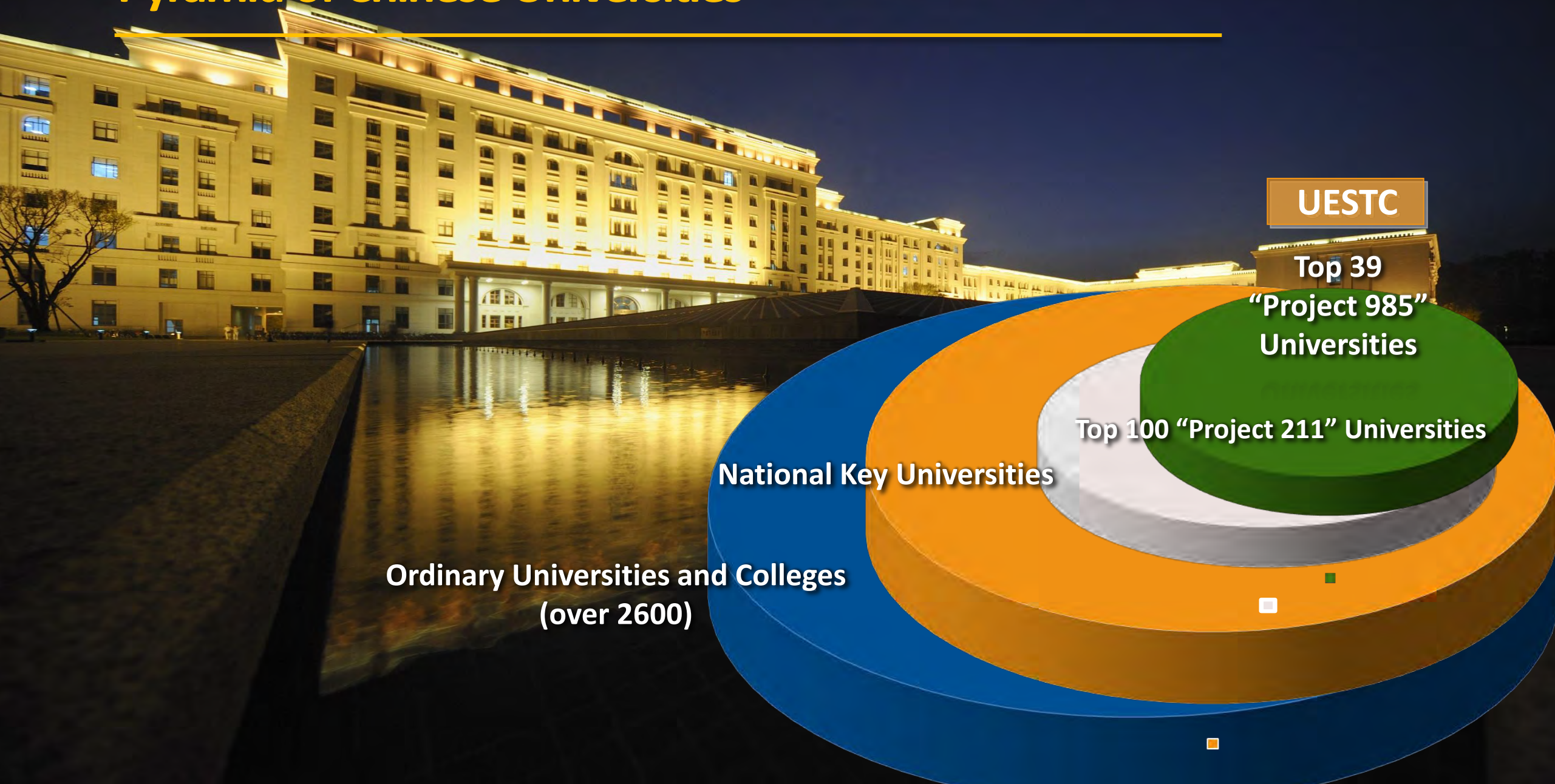
1960

Ranked as one of the national key universities in China

2001

Admitted into Project 985 (top 39)

Pyramid of Chinese Universities



Schools



Communication and Information Engineering	Economics and management
Electronic Engineering	Politics and Public Administration
Micro-electronic and solid-state Electronics	Foreign Languages
Physical Electronic	Life Science and Technology (2002)
Optical Electronics	Energy Science and Engineering
Computer Science and Engineering	Resources and Environmental Engineering (2011)
Information Science and Software Engineering	Aeronautics and Astronautics (2012)
Automation Engineering	Medical School (Joint project btw UESTC and SAMSPH*) (2013)
Mechatronics Engineering	UoG-UESTC Joint School (2013)
Mathematical Science	Institute of Fundamental and Frontier Science

(*Sichuan Academy of Medical Sciences and Sichuan Provincial People's Hospital)

Purpose of discipline expansion

- Explore into energy, environment, space, life science and biomedical engineering,
- Areas important to scientific progress and the development of mankind,
- On the basis of our strength in electronic and information science and technology.

UESTC Staff 3800 (faculty members: 2200), including:



550 full professors

395 doctorate supervisors

77 candidates of New Century Excellent Talents Program in Universities

26 professors of Cheung Kwong Scholars Program

15 winners of the National Science Fund for Distinguished Young Scholars

7 members of Chinese Academy of Sciences/Engineering

2 State-Awarded Master Instructors

2 teams of Innovation

Student population: 33,000

21,000 Undergraduates

10,300 Master Students

1,700 Ph.D Candidates

In: 59 undergraduate programs

94 master's programs

65 doctoral programs

13 post-doctoral research stations



National Key Disciplines

15 First Level Disciplines Authorized
to Offer Doctorate Degree:

National Key Disciplines:

**Electronic Science and Technology
Information and Communication Engineering**

**Optical Engineering
Computer Science and Technology**



Research Strength

Electronic Science and Technology

Power semiconductors and integrated circuits

Electronic film and components

Terahertz science and technology

Information and Communication Engineering

Mobile communication technology

Radar detection and imaging



National Key Laboratories

NKL of Communication Technology

NKL of Electronic Thin Film and Integrated Devices

NKL of Microwave Devices

NKL of High Power Radiation

NKL of Ultra-High Frequency Complicated System

University Research Centers

- **Big Data Center**
- **Robot Research Center**
- **Medical Information Center**
- **Photoelectric Detection and Sensor Integration Technology Research Center**
- **IC Research Center**
- **Earth Science Information Center**
- **Cyberspace Security Research Center**

UESTC's Ranking in China's 2012 Discipline Assessment

An official assessment conducted among over 2000 universities and colleges in China, by China Academic Degrees, Graduate Education Development Center and Ministry of Education.

Disciplines	Rankings
Electronic Science and Technology	1
Information and Communication Engineering	2
Optical Engineering	7
Instrument Science and Engineering	7
Biomedical Engineering	10
Computer Science and Technology	12
Business Administration	17

Global Ranking of UESTC by U.S News & World Report

Discipline	2015	2016	2017
Engineering	91	81	94
Computer science	95	67	54

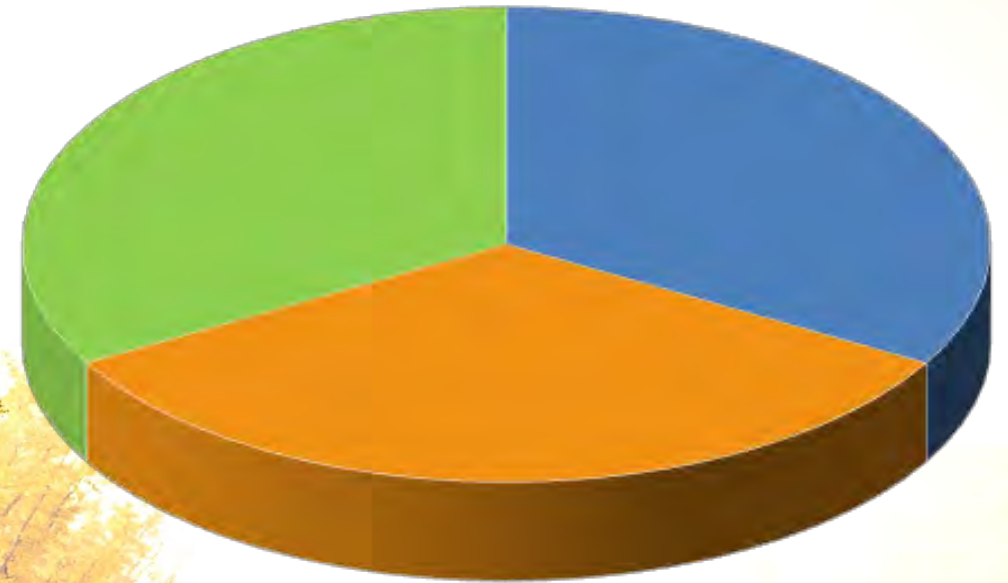


Three University Science Parks in Chengdu (one under construction)

14



Sources of research funding



- Fundamental research projects from NSF, MOE, MOST
- Civil resources (industries and enterprises)
- National defense pre-research

Annual research funding about 1.2 billion RMB (about 185 million USD)

National Electronic Designing Contest: Top scoring team since 2005

电子科大

6 first prizes and ranked 1st among 729 competing universities (2007)

6 first prizes and ranked 1st among 790 competing universities
the only NEC Cup winner (2009)

Ranked 1st in the National Postgraduate Electronic Design Contest (2010)

11 first prizes and ranked 2nd among 1044 competing universities (2013)

10 first prizes and ranked 1st among 805 competing universities (2015)

The Asia-Pacific Robot Contest (ABU Robocon)

- Champion in ABU Robocon (China-site), July, 2010; 2012; 2013; 2015
- Champion in ABU Robocon (final in Egypt), Sept, 2010
- Champion in ABU Robocon (final in HK), Aug, 2012



Mathematical Modeling Contest

- No.1 in National Mathematic Modeling Contest for University Students (2004, 2006, 2015)
- Outstanding Winner in American MCM & ICM (2004, 2011, 2012, 2014)

International Genetic Engineering Machine Competition, iGEM,

- Gold Medal at Asia-Pacific site, 2013, 2014
- Gold Medal in the world final at MIT, 2013, 2014



UESTC has trained more than 160,000 graduates, many of whom have become the backbone of China's IT enterprises and leaders in IT industry.



*Chief Officers of
leading IT companies*

Liu Yongyan

William Ding Lei

Sun Yafang

Wang Dongsheng, etc...

Academicians

Zhang Xun

Li Xiaowen , etc...



Sun Yafang



- Huawei's Chairperson. Her leadership has taken Huawei Technologies from a small local enterprise to a global giant providing innovative technologies and tailored solutions and services to leading telecoms operators worldwide.
- One of the 50 most powerful women in the business world (2006)
- One of the top 100 most powerful women in the world (2010,2011)



William Ding Lei



- The founder and CEO of NetEase (www.163.com). He made significant contributions to the development of computer networks in mainland China.
- One of the wealthiest men in China





- The **only one** among “Project 985” universities focusing on electronic science and technology;
- The **only university** in China that covers all six national key sub-disciplines of electronic and information science and technology.



International Cooperation

- Collaborative relationships with over **200** universities and research institutes in **67** countries
- Visits for academic purposes
- Joint research and joint application of research projects
- Joint academic conferences and workshops
- Joint supervisions of Master and Ph.D. degrees
- Student exchange programs





IEEE Chengdu Section:

Established at UESTC in 2007, 80% of its members being UESTC faculty members and students.



Pohang University of Science and Technology (Sister university)



The College of William and Mary (Sister university)

Joint Education Projects authorized by the MOE

- 1) International MBA Joint Program by UESTC and Webster University (USA, from 2003)
- 2) DBA Joint Program by UESTC and ISCTE (Portugal, from 2009)
- 3) AF-Chengdu: UESTC-Alliance Française Joint Center of French Training (from 2003)
- 4) Glasgow College, UESTC (2013)
- 5) UESTC- University of Montpellier Confucius Institute (2013)
- 6) UESTC-KTH Joint Master's Programs on SoC (Sweden) 2016

Glasgow College, UESTC (2013)

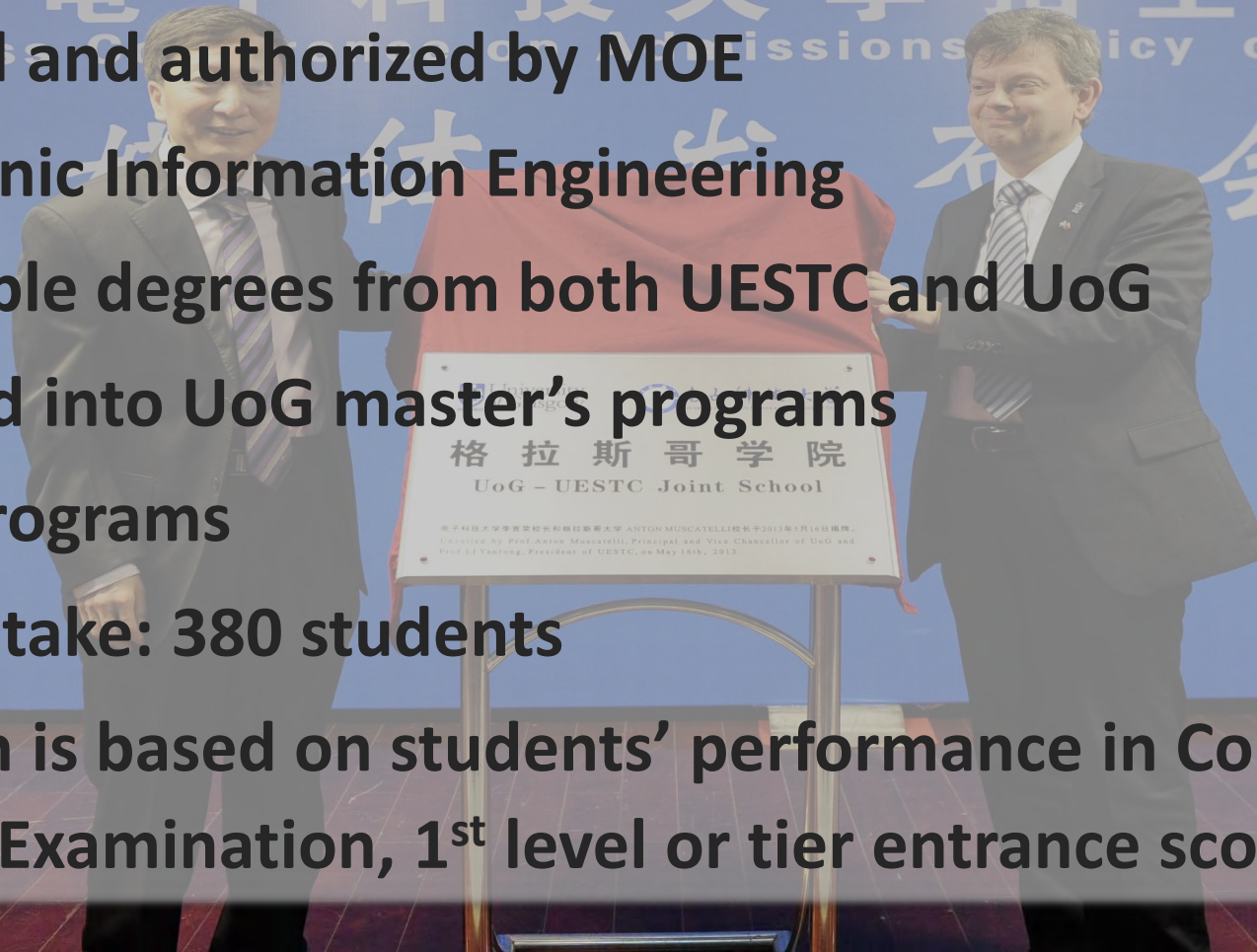
电子科技大学格拉斯哥学院揭牌仪式

The Unveiling Ceremony of UoG-UESTC Joint School and

暨电子科技大学招生政策

暨电子科技大学招生政策

- A 4+0 undergraduate joint education project with UoG
- Approved and authorized by MOE
- in Electronic Information Engineering
- with double degrees from both UESTC and UoG
- integrated into UoG master's programs
- English programs
- Annual intake: 380 students
- (Selection is based on students' performance in College Entrance Examination, 1st level or tier entrance scores)



格拉斯哥学院

UoG - UESTC Joint School

电子科技大学副校长和格拉斯哥大学 ANTON MUSCATELLI 教授于2013年5月16日揭牌。
Initiated by Prof. Anton Muscatelli, Principal and Vice-Chancellor of UoG and
Prof. Li Yanguo, President of UESTC, on May 16th, 2013.

MOE-CSC contract university

Students are supported for both incoming “study in China” and outgoing “study abroad” programs (Chinese Government Scholarship).









Over **700** students from **67** countries study for bachelor, master and Ph.D degrees in UESTC

Over **500** short term international students in UESTC per year

Nationalities represented

UESTC International students come from more than 67 countries.



Student/ Faculty Exchange

1. Double/ Dual Degree Programs

- 2+2 for undergraduates
- 3+1+1 integration of bachelor, master programs
- 3+1+X integration of bachelor, master and doctoral programs

Student/ Faculty Exchange

2. CSC Scheme

- Ph. D Degree Programs (4 years)
- Ph. D Joint Supervision Programs (1-2 years)
- 1 Year Visiting Scholar/student Program
- China's Government Scholarship for International Students
- 100,000 Strong Initiatives for American students
- 10,000 Scholarships for Exchange Students from Hong Kong

Student/ Faculty Exchange

3. Non-degree Programs on credit transfer and recognition basis

- 3-10 months courses, internship, projects
- 4-6 weeks summer camp/ school
- 1-2 weeks study tour
- Interaction with students and teachers in host university; lectures on academic topics; language training and cultural immersion; sightseeing...

Partner universities for student exchange program (A partial list)

- 
- The background of the slide features a group of approximately 15-20 young people, likely students, posing for a photo. They are standing in front of a large, ornate stone monument. The monument has an inscription that reads: "to the memory of NATHANIEL BACON BORN IN ENGLAND JANUARY 2 1647 CAME TO VIRGINIA 1674 A great Patriot Leader of the Virginia People who died while defending their rights October 29 1676 VICTRIX CAUSA SED VIC". An American flag is visible on the left side of the monument. The scene is lit with warm, yellow light, possibly from the sconces visible on either side of the monument.
- Northwestern University, U.S.A.
 - University of California, LA, U.S.A.
 - University of Missouri, U.S.A.
 - University of Minnesota, U.S.A.
 - College of William and Mary, U.S.A.
 - Ohio State University, U.S.A.
 - University of Texas at Dallas, U.S.A.
 - University of Houston, U.S.A.
 - Illinois Institute of Technology, U.S.A.
 - American University, U.S.A
 - University of Minnesota, U.S.A.
 - Lawrence Technological University, U.S.A.
 - Purdue University, U.S.A.
 - San Diego State University, U.S.A.
 - Rutgers University, U.S.A.
 - Christopher Newport University, U.S.A.
 - University of Michigan-Dearborn, U.S.A.
 - University of Alberta, Canada
 - University of Ottawa, Canada

Partner universities for student exchange program (A partial list)

- 
- University of Glasgow, U.K.
 - University of Surrey, U.K.
 - University of Strathclyde, U.K.
 - Queen Mary, University of London, U.K.
 - Dublin Institute of Technology, Ireland
 - University of Polytechnic at Madrid
 - Telecom Bretagne, France
 - University of Paris-Sud 11, France
 - University of Montpellier 2, France
 - Ecole Centrale de Nantes, France
 - ENSEA, ESIGELEC, SUPELEC, France
 - Berlin Institute of Technology, Germany
 - Uppsala University, Sweden
 - Kungliga Tekniska högskolan, Sweden
 - Maastricht University, Netherlands
 - University of Leuven, Belgium

Partner universities for student exchange program (A partial list)

- Nanyang Technological University, Singapore
- Waseda University, Japan
- Tohoku University, Japan
- Chiba University, Japan
- Pohang University of Science and Technology, Korea
- University of Western Australia, Australia
- Queensland University of Technology, Australia
- University of New South Wales, Australia
- University of Auckland, New Zealand





Partner universities for student exchange program (A partial list)

第四届国际留学生文化展

- University of Cape Coast, Ghana
- Kumasi Polytechnic, Ghana
- University for Development Studies, Ghana
- Koforidua Polytechnic, Ghana
- Kwame Nkrumah University of Science and Technology, Ghana
- Dilla University, Ethiopia
- Hawassa University, Ethiopia
- Durban University of Technology, South Africa
- Ho Chi Minh City University of Technology, Vietnam
- Hanoi University of Electric Power, Vietnam



English Instructed Disciplines



**Communication &
Optical
Engineering**



**Management &
Economics**

Disciplines

**Electronic
Engineering**



**Computer Science &
Software Engineering**



★ English-Instructed Graduate Programs	★ English-Instructed undergraduate Programs
Optical Engineering	Electronic Information Engineering
Electronic Science and Technology	Software Engineering
Information and Communication Engineering	Computer Science and Technology
Computer Science and Technology	Business Administration
Biomedical Engineering	Electronic Information Engineering (Joint program)
Management Science and Engineering	
Public Management	
Physics	
Software Engineering	
★ Chinese Language Programs	★ Short-Term Student Exchange Programs
Long term program	Culture Immersion Program
Short Term program	Internship Program
Chinese culture study	Integrated Study Program
★ All Chinese instructed programs in UESTC are also available for international students	

UESTC partners: Multinational companies and Enterprises

- Agilent Technologies, IBM, NEC, Microsoft, Intel, Samsung, TI, ADI, CISCO, and etc.
- Establish over 50 joint research labs and R&D centers;
- Offer scholarships to UESTC students;
- Sponsor students' innovation activities and contests;
- Sponsor international conferences...

UESTC takes it as its mission to foster students with :

- 
- A group of five students (three men and two women) are jumping joyfully in a large, open grassy field. They are holding large, colorful letters that spell out 'UESTC'. From left to right: a man holds a red 'U', a woman holds a blue 'E', a man holds a dark blue 'S', a woman holds a green 'T', and a man holds a yellow 'C'. In the background, there are modern university buildings and trees under a clear sky.
- Solid foundation in basic knowledge
 - Strong expertise in particular academic fields
 - All-round and comprehensive capabilities
 - Global awareness and vision
 - Social responsibility



Thank You!