

Welcome to Study at Anhui University of Technology!



## 安徽工业大学 2017 年留学生招生简章

### 2017 AHUT Prospectus for Int'l Students



## 1 Introduction to Anhui University of Technology

Anhui University of Technology (AHUT) was founded in 1958. Its main focus is on engineering programs; at the same time, it offers well developed programs in science, humanities, economics, management, law and arts.

The university is located in Ma'anshan, Anhui Province, a "National Garden City" with a convenient transportation to Nanjing(18 mins) and Shanghai (120 mins) by high speed trains. Ma'anshan stands by the Yangtze River, the longest river in China. The city is full of natural and cultural heritages, while iron and steel industry breeds its modern development.

AHUT is a key institution of higher learning in Anhui Province, one of the 100 key universities in central and western China with priority support from the Chinese Ministry of Education (MOE), and also a higher institution implementing MOE's "Outstanding Engineering Education Project".

AHUT consists of 2 campuses, covering a total area of 1.64 million square meters. The university has 17 schools with 74 bachelor-degree programs, 59 master-degree programs, and 6 doctor-degree programs. The university has 20,000 full-time undergraduates, and 2,300 full-time graduates.

## 2 Perspective Students & Application Deadline

| <b>Program Category</b> | <b>Duration</b> | <b>Application Deadline</b> |
|-------------------------|-----------------|-----------------------------|
| Bachelor degrees        | 4 years         | June30                      |
| Master degrees          | 2 years         | June30                      |
| Doctorate degrees       | 3 years         | June30 or December 31       |

**Notes:** Applicants must be non-Chinese citizens above the age of 18 with a valid passport .

## 3 Programs in Chinese

### 1 Bachelor-degree Programs

#### School of Metallurgical Engineering

Metallurgical Engineering  
Minerals Processing Engineering  
Resource Recycling Science and Engineering  
Materials Shaping and Control Engineering

#### School of Chemistry and Chemical Engineering

Pharmaceutical Engineering  
Chemical Biology (Science)  
Chemical Engineering and Technology  
Applied Chemistry (Engineering)  
Polymer Material and Engineering

#### School of Electrical and Information Engineering

Automation  
Electrical Engineering and Automation  
Measurement and Control Technology and Instrumentation  
Communication Engineering  
Electronic Information & Engineering

#### School of Mathematical and Physical Science and Engineering

Mathematics and Applied Mathematics  
Information and Computing Science  
Photoelectric Information Science and Engineering  
Light Sources and Illuminating

#### School of Management Science and Engineering

Information Management and System  
Construction Cost  
Logistics Engineering  
Industrial Engineering

#### School of Foreign Languages

English

#### School of Law and Public Administration

Science of Law  
Public Services Management  
Public Administration  
Labor and Social Security

#### School of Material Science and Engineering

Metallic Materials Engineering  
Welding Technology and Engineering  
Inorganic Non-metallic Materials Engineering  
Materials Science and Engineering

#### School of Mechanical Engineering

Mechanical Design, Manufacture and Automation  
Mechanical Engineering  
Vehicle Engineering

#### School of Computer Science and Technology

Computer Science and Technology  
Network Engineering  
Things Networking Engineering  
Software Engineering

#### School of Energy and Environment

Energy and Power Engineering  
Environmental Engineering  
Environmental Protection Equipment Engineering

#### School of Architectural Engineering

Civil Engineering  
Water Supply and Drainage Science and Engineering  
Architectural Environment and Energy Application Engineering  
Architectonics  
Safety Engineering  
Engineering Supervision  
Urban-rural Planning

#### School of Business

Economic Statistics  
Finance  
Economics and Finance  
Economics  
International Economics and Trade  
International Business  
Accounting  
Financial Management

### **School of Art and Design**

Public Art Design  
Visual Communication Design  
Environment Design  
Product Design  
Digital Media Art

Auditing  
Business Administration  
Marketing  
Human Resource Management

## **3.2 Master-degree Programs**

### **Metallurgical Engineering**

Physical Chemistry of Metallurgy  
Ferrous Metallurgy  
Non-ferrous Metallurgy

### **Materials Science and Engineering**

Materials Physics and Chemistry  
Materials Science  
Materials Processing Engineering

### **Chemistry Engineering and Technology**

Chemical Engineering  
Chemical Technology  
Biochemical Engineering  
Applied Chemistry  
Industrial Catalysis

### **Electric Engineering**

Electric System and Automation  
High Voltage and Insulation Technology  
Power Electronics and Power Drives  
Theory and New Technology of Electrical Engineering

### **Computer Science and Technology**

Computer Systems Organization  
Computer Software and Theory  
Computer Application Technology

### **Environmental Science and Engineering**

Environmental Science  
Environmental Engineering

### **Civil Engineering**

Municipal Engineering  
Heating, Gas Supply, Ventilating and Air

### **Management Science and Engineering**

Management Science and Engineering

### **Mathematics**

Applied Mathematics

### **Chemistry**

Analytical Chemistry

### **Mechanics**

Engineering Mechanics

### **Mechanical Engineering**

Mechanical Manufacture and Automation  
Mechatronic Engineering  
Mechanical Design and Theory  
Vehicle Engineering

### **Power Engineering and Engineering**

### **Thermophysics**

Engineering Thermophysics  
Thermal Power Engineering  
Power Machinery and Engineering  
Fluid Machinery and Engineering  
Refrigeration and Cryogenic Engineering  
Chemical Process Equipment

### **Control Science and Engineering**

Control Theory & Control Engineering  
Detection Technology & Automation Equipment  
Pattern Recognition & Intelligent Systems

### **Applied Economics**

National Economics  
Regional Economics  
Public Finance (including Taxation)  
Finance and Banking (including Insurance)  
Industrial Economics  
International Trade  
Labor Economics  
Statistics  
Quantitative Economics  
National Defense Economy

### **Business Administration**

Accounting  
Corporate Management  
Tourist Management  
Technology Economy and Management

### 3.3 Doctor –degree Programs

#### Metallurgical Engineering

Physical Chemistry of Metallurgy  
Ferrous Metallurgy  
Non-ferrous Metallurgy

#### Materials Science and Engineering

Materials Physics and Chemistry  
Materials Science  
Materials Processing Engineering

## 4 Programs in English

### 4.1 Bachelor-degree Programs

- International Trade (Business)
- Software Engineering
- Electrical Engineering
- Civil Engineering
- Pharmaceutical Engineering

#### 1 International Trade (Business)

**Program Introduction:** This program aims at the cultivation of advanced, specialized and interdisciplinary talents for business ventures. Graduates will be acquainted with knowledge of prevailing rules, practices and related policies and regulations of international trade.

**Key Courses:** Economics, World Economy, Consumer Behavior, Principles of International Trade, International Marketing, China's foreign trade, E-commerce, WTO rules etc..

#### 2 Software Engineering

**Program Introduction:** The Software Engineering program is designed to develop senior software engineers with solid knowledge foundation of computer science and software engineering to serve enterprises and public sectors.

**Key Courses:** C++ Programming Design, Compiler Principle, Computer Networks, Object-oriented Modeling, Database System, Java Programming Language, Software Architecture etc.

### 3Electrical Engineering

**Program Introduction:** Electrical Engineering (EE) educates students in electrical engineering, control, information, electronics, computer technology, and giving students great opportunity to grasp the basic theories and related knowledge in engineering, economics, and management science.

**Key Courses:** Electric Circuits, Analog Electronics, Digital Electronics, Signals and Systems, linear control systems, Electricity and Magnetism, Electric Machines, Power System Analysis, Power Electronics etc..

### 4Civil Engineering

**Program Introduction:** The program is designed to cultivate students who can be equipped with the knowledge system required by the practicing qualifications such as structure, geotechnical and equipment engineer, construction engineer, supervising engineer, cost engineer and engineering test evaluator and can engage in the work related to the relevant majors of Architecture and Civil Engineering such as design, construction, test, operation and management.

**Key Courses:** Structural Mechanics, Civil Engineering Material, Engineering Surveying, Building Construction, Structural Design of Multiple-story and High-rise Buildings, Civil Construction and Organization Management, Engineering Cost, Earthquake Resistance of Engineering Structure etc.

### 5Pharmaceutical Engineering

**Program Introduction:** Pharmaceutical Engineering program is designed to educate high-level engineers with professional knowledge of designing and manufacturing of products, processes and components in the pharmaceuticals industry as well as with knowledge of management science.

**Key Courses:** medicinal chemistry, analytical chemistry, pharmacology, pharmacy, chemical engineering, biomedical engineering, Medicinal analysis, Pharmaceutical technology etc.

## 4.2 Master-degree Programs

- International Trade (Business)
- Architectural and Civil Engineering
- Computer Science and Technology
- Electrical Engineering
- Mechanical Engineering
- Metallurgical Engineering

### 1 International Trade (Business)

**Program Introduction:** This program aims at the cultivation of high-level professional talents for business ventures and business research with good mastering of knowledge and practical skills about economics and international trade.

**Key Courses:** Principles of Management, Economics, International Marketing, International Economics, China's foreign trade, World Economy, International Finance, Practice of International Trade etc..

### 2 Architectural and Civil Engineering

**Program Introduction:** The program is designed to cultivate the high-level application-oriented professionals mastering professional knowledge about structure, geotechnical and equipment engineering, construction engineering, supervising engineering, cost engineering and engineering test evaluator to engage in the work related to the relevant majors of Architecture and Civil Engineering such as design, construction, test, operation and management.

**Key Courses:** Structural Engineering, Disaster Prevention and Reduction Engineering and Protective Engineering, Bridge and Tunnel Engineering, Geotechnical Engineering, Civil Engineering Construction and Management, Municipal Engineering, Green Building, Heating, Gas Supply, Ventilating and Air Conditioning Engineering, Architecture and Planning etc.

### 3 Computer Science and Technology

**Program Introduction:** The aims of the Master Program of Computer Science and

Technology are cultivating advanced specialists with professional knowledge in computer theoretical research enabling design and development of software/hardware system, and to solve the practical problems by using computer technologies.

**Key Courses:** Fundamentals of Image Analysis, Machine Learning, Design and Analysis of Computer Algorithms, Pattern Recognition Technology, Computer vision and Deep Learning, The Formal semantics of programming languages, Internet of things etc.

#### **4Electrical Engineering**

**Program Introduction:** The program is designed to educate senior engineers with solid knowledge of electrical technology, information system, communication technology, skills and network to engage in designing, manufacturing, application and research work on electronic appliances, information system and communication technology.

**Key Courses:** Modern motor theory and control system, Modern power electronics and its control, Modern control theory, Power technology and its application, Power electronics and modern life, Power devices and application, Flexible power supply system etc.

#### **5Mechanical Engineering**

**Program Introduction:** The program aims to cultivate senior engineers mastering the knowledge of modern mechanical design, bionic machine design, robotics and its application, the integrative technique of mechanics-electronics-hydraulics and other aspects for independent work, research and innovation, being competent for scientific research, engineering work in mechanical engineering field and related fields.

**Key Courses:** Mechanical Dynamics, Advanced Mechanisms, Robotics, Theory & Application of Finite Element Method, Signal Processing and Testing Technology, Automatic Dynamic Analysis of Mechanical Systems, Mechatronics Control System, Modern Control Theory etc.

#### **6Metallurgical Engineering**

**Program Introduction:** The master of metallurgical engineering should have basic

theories of metallurgical engineering, and knowledge system of metallurgical process analysis and detection, development of technical process, efficient and clean utilization of resources, energy-saving and emission-reduction, and protection of ecological environment. The graduate is expected to become high-level technical talents of doing ironmaking, steelmaking, optimization of nonferrous metal smelting technique, energy-saving and emission-reduction of metallurgical process, efficient and recycling utilization of resources, smelting theories and technics of clean steels, metallurgical process simulation and electromagnetic metallurgy et al., and possessing the innovation spirit, creative ability and business startup quality.

**Key Courses:** New Metallurgical Technology, Metallurgical Thermodynamics, Principles of Metallurgical Transport, Ironmaking Theory and Process, Theory and Process of Clean Steels, Comprehensive Utilization of Metallurgical Resources, Analytical and Testing Methods for Metallurgical Material, Theory and Application of Metallurgical Reactors.

### 4.3 Doctor-degree Programs

#### Metallurgical Engineering

Physical Chemistry of Metallurgy  
Ferrous Metallurgy  
Non-ferrous Metallurgy

#### Materials Science and Engineering

Materials Physics and Chemistry  
Materials Science  
Materials Processing Engineering



## 5 Fees

### 5.1 Tuition

| Degree Programs | Tuition<br>(CNY/ Academic Year) |                             |
|-----------------|---------------------------------|-----------------------------|
|                 | Programs in English             | Programs in Chinese         |
| Bachelor-degree | 15,000                          | 10,000<br>(15,000 for arts) |
| Master- degree  | 20,000                          | 15,000                      |
| Doctor- degree  | 30,000                          |                             |

Notes: The year here refers to university academic year. All fees are paid in CNY or USD.

### 5.2 Accommodation

Double-bed room: 2,000 CNY/year

Single-bed room: 3,500 CNY/year

### 5.3 Other Fees

#### Following expenses are for first year only

**Application Fees:** 400 CNY or 70 USD (non- refundable)

**Reservation Deposit Fees:** 2000 CNY (non-refundable , it will bededucted as accommodation fees upon your registration.)

**Physical Examination Fees:** 400 CNY (to be paid to Entry-Exit Inspection and Quarantine Bureau)

#### Annual expenses from first year to last year

**Medical Insurance Fee:** 800 CNY/year (to be paid to the insurance company)

**Resident Permit:** 400 CNY (to be paid to Entry-Exit AdministrationBureau)

**Books:**Around 500 CNY /year

**Living Expenses:** Around 1,000 CNY/month (Depends on your personal budget)

*Fees might be reviewed by AHUT according to the actual world economic situation every year.*

## 6 Scholarships

| Categories                                | Candidates                    | Amount<br>CNY/Year                               |              | Application<br>Deadline       |
|-------------------------------------------|-------------------------------|--------------------------------------------------|--------------|-------------------------------|
| Anhui Government<br>Scholarship           | Degree-program<br>students    | Doctor                                           | 50,000       | May 31                        |
|                                           |                               | Master                                           | 30,000       |                               |
|                                           |                               | Bachelor                                         | 20,000       |                               |
| AHUT President<br>Scholarship             | Postgraduate<br>Undergraduate | Master<br><br>Bachelor                           | 5,000~30,000 | June 30                       |
| “One Belt and One<br>Road” Scholarship    |                               |                                                  | 5,000~20,000 |                               |
| “China-ASEAN<br>Silk Road”<br>Scholarship |                               |                                                  |              |                               |
| Doctor-degree<br>Program<br>Scholarship   | Doctor-degree<br>students     | The scholarship varies with<br>specific programs |              | June 30 or<br>December 31     |
| Talent Scholarship                        | Current Students              | 500~5,000<br>(Varies with specific programs)     |              | End of each<br>semester       |
| On-Campus<br>Work-Study & TA<br>Positions | Current Students              | 1,200~6,000<br>(Varies with specific positions)  |              | According to<br>school notice |

Notes: Application of scholarship doesn't overlap with each other.



## 7 Application Procedures

### 1. Online application via AHUT-OAS (AHUT Online Application System)

- Create a user account
- Select your program
- Fill in and upload required information
- Submit the application

### 2. Online follow-up of application status

### 3. Fees payment (application fees & seat reservation)

### 4. Online uploading of the bank receipt

### 5. Acceptance of hard-copy visa documents (Admission Notice and JW201/JW202)

### 6. Visa application to Chinese embassy or consulate

### 7. Online room and pick-up service reservation

### 8. Departure for AHUT

*\* Please pay the admission fee to the following bank account:*

#### **The university's bank account information:**

##### **1)USD Account**

Bank Name: Ma'anshan Branch, Bank of China

Swift Code: BKCHCNBJ79C

Account Name: ANHUI UNIVERSITY OF TECHNOLOGY

Account Number: 187206215872

##### **2) RMB Account (In China)**

Bank Name: Ma'anshanTuanjieGuangchang Branch, ICBC (Industrial and Commercial Bank of China)

(开户行: 中国工商银行马鞍山团结广场支行)

Bank Number: 102365002085

(行号: 102365002085)

Account Name: ANHUI UNIVERSITY OF TECHNOLOGY

(户名: 安徽工业大学)

Account Number: 1306020809024926468

(账号: 1306020809024926468)

## 8 Contact Information

### **Mailing Address:**

School of International Education  
Anhui University of Technology (Xiushan Campus)  
Maxiang Road, Ma'anshan, Anhui, China243032

**Phone:** 86-555-2311023/2315905

**Fax:** 86-555-2473747/2315905

**Email:** ahutforeign@163.com foreign@ahut.edu.cn

**Website:**<http://en.ahut.edu.cn>

**Online Application:** <http://admission.ahut.edu.cn/>

