温州大學
WENZHOU UNIVERSITY

求學問是
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王蒙題

WENZHOU UNIVERSITY
INTERNATIONAL STUDENTS CATALOG 2024
温州大学国际学生招生简章

温州大學
WENZHOU UNIVERSITY

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Study in WZU

Application Guide

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About Wenzhou

A historic city with picturesque views

WENZHOU

Wenzhou was known as Ouyue in ancient times, and Wenzhou people had settled here five or six thousand years ago. Due to its warm climate and being warm in the middle of the winter, Wenzhou city was also dubbed as “Warm State”.

Wenzhou is situated in the southeast of Zhejiang Province. Enjoying a coastline of 355 kilometers and located at the intersection of Yangtze Delta and Pearl River Delta economic zones, it is the economic, cultural, and transportation center of Southern Zhejiang Province. With a total population of 9,761,000, Wenzhou administers four districts-Lucheng District, Longwan District, Ouhai District and Dongtou District, three cities-Ruian City, Yueqing City and Longgang City, and five counties- Yongjia, Pingyang, Cangnan, Wencheng, and Taishun.

Wenzhou, as one of the earliest frontiers of China's Opening-up and Reform Policy, enjoys highly developed commercial business. Almost every household in Wenzhou does some kind of business. Companies opened by people of Wenzhou have spread all over the world, and the businessmen in Wenzhou are known for their shrewdness in business.

Currently, Wenzhou City has put forward the urban positioning of "Millennium Port, Happy Wenzhou". In the future, Wenzhou will be built into a city where overseas Chinese gather, entrepreneurship, innovation, and wealth creation flourish. It will be a city that connects the world, with boundless vitality and access to all five continents. It will also be a city where people share a sense of pride and confidence, warmth and kindness.

WHY WZU?

Wenzhou University

College of International Education

遇见温州大学

2025 Times Higher Education World University Ranking
#41 in Mainland China

World Ranking
#601-800

2410+
Faculties

2500+
Students

22
Schools

- Doctoral Degree-granting Institutions
- Key Universities Jointly Established by Zhejiang Province and Municipalities
- Pilot Universities of the Ministry of Education's Outstanding Engineer Education and Training Program
- Teacher Education Base of Zhejiang Province
- The First Batch of International University Construction Project in Zhejiang Province
- The First Batch of Chinese Language Education Bases Established by The Overseas Chinese Affairs Office of the State Council
- Overseas Chinese Research Base

Bachelor	Master	Doctoral
55	40	3

STUDY AT WENZHOU UNIVERSITY

The Area Covered by the Library	**52,229** square meters
Number of Paper Books	**2.98** million
The Number of E-books	**1.91** million
Types of Databases	**82**
Daily Open Hours	**15**
Hours Open All Year Round	**7*15*365**

▪ Study at Wenzhou University and Achieve your Future Success

Top-level Hardware Facilities: 1,060,600 square meters of teaching and living buildings, and a total value of 961 million yuan of teaching and research equipment

Excellent faculty: 2296 teaching staff, including 1449 full-time teachers (992 doctors, accounting for 68.46%)

Specialized disciplines: 1 first-level discipline doctoral degree authorization point, 18 first-level discipline master's degree authorization points, and 18 master's professional degree authorization points. Four disciplines including chemistry, materials science, engineering and computer science have entered the top 1% of ESI in the world.

▪ Various Learning Activities and Fulfilling Growth

There are free extracurricular Chinese training, interdisciplinary knowledge exchange. You can also experience the unique charm of Chinese traditional culture.

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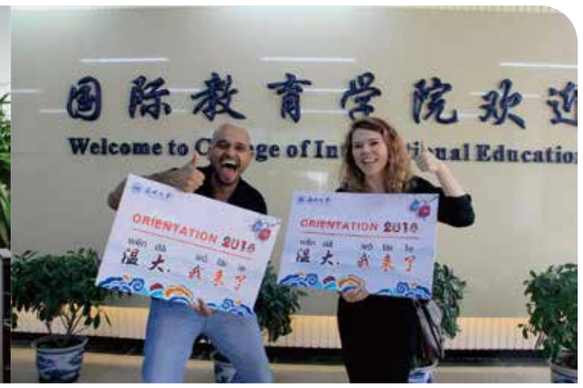


LIFE IN WENZHOU UNIVERSITY

All kinds of facilities are available,such as supermarkets, banks, shopping malls, scenic spots, cinemas, gyms, bookstores...

Living in Wenzhou University is not only for the picturesque views, but also for the considerate environment that is suitable for our study and life. Convenient living facilities, high-quality and efficient services, versatile shared space and friends from all over the world,all of these make up our colorful campus life.

▪ CONVENIENT LIVING FACILITIES

The service facilities in the living area are very well equipped. Each dormitory area has a unique student cafeteria, especially the Smart Cafeteria, which can bring delicious food to students from all over the world. In addition, there are chain supermarkets, fruit stores, banking services, bookstores, snack streets, etc. in the school. This place can meet your needs in accommodation and entertainment.There are also many bus lines around the school, which ensures that you can visit Wenzhou at anytime to anywhere.

▪ EFFICIENT SERVICES

Each dormitory area has a student affairs center, which is a comprehensive platform for office services, consulting services, and learning exchanges. You can get advice on study and life here, do self-printing , and so on. The College of International Education is also responsible for the daily affairs and consulting services of all international students, where you can apply for visas, insurance, tuition payments, scholarship applications, course selection to achieve "one-stop" services.

▪ VERSATILE SHARED SPACE

The dormitory area has shared spaces such as study rooms, conversation rooms, group tutoring rooms, and apartment kitchens. You can swim in the sea of books and explore philosophies here. You can also meet teachers and friends from all over the world here, learn and grow together.

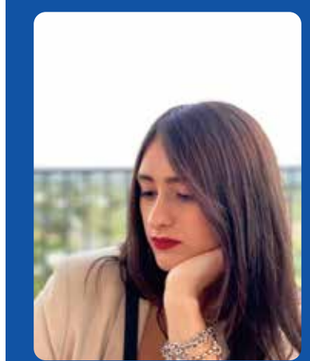
Alumui Words of Encouragement

Wenzhou university, Your dream sets sail from here

In the past five years, the graduation rate of international undergraduate and graduate students in our university has remained above 90%, and nearly 35% of our undergraduate students have successfully applied for master's programs in other major universities in China. In 2022, nearly 10 graduates successfully applied for Chinese government scholarships.There is also a certain number of graduates working for well-known companies in China each year.

A university can be many things to a person but of those many things, it should be a place where one can reinvent oneself, achieve goals, find passions and grow into the person one wishes to be. It is a place with cultural diversity where you meet different people and learn beyond academics. Wenzhou University is such a place.

BANDA JOSHUA,class of 2011,comes from Zambia and is now studying for a master's degree at Wenzhou Medical University.



When I was studying at the Instituto Universitario Orientale,Italy, I had already known about Wenzhou University and I came to Wenzhou University to study Chinese in 2018 as an exchange student.Although i didn't stay in Wenzhou University for a long time, this period of experience is very impressive and full of memories. You can study Chinese very comprehensively, and you can also participate in various interesting cultural experience activities here.

LAURA COSTANTINO, from Italy,2018 Chinese language student in Wenzhou University and is currently serving as an Italian teacher at Sichuan Normal University.

Wenzhou University seemed to be the best place that offered me more opportunities to grow as a person. Through WZU, not only did I have a great network of intelligent and resourceful people around me, but I also had the opportunity to meet students from many different countries, which gave me a better understanding of different cultures in this world and also gave me the platform to form lasting friendships.

ADOFO MICHAEL ADJEI,class of 2019,comes from Ghana and is now working in Yueqing Denggao Electric Co., Ltd.

The more that you read, the more things you will know. The more you learn, the more places you'll go. And Wenzhou university is one of those destinations. This is is a place where true friendships are formed. It also made me realize my true potential and helped me become who I am today.

TASSEW TEWODROS MEGABIAW,class of 2021,comes from Tanzania and is now pursuing a master's degree at Northwestern Polytechnical University.

At Wenzhou University, I have enjoyed access to an immense collection of academic resources coupled with very supportive teachers, first-hand experience with using cutting-edge technologies in computer science, as well as opportunities to broaden my perspective through meeting people from different countries around the world. The invaluable knowledge and skills I have acquired while studying at Wenzhou University have been extremely useful in my subsequent chapter of academic pursuit.

LUHWAGO JOSHUA CHARLES, class of 2022,comes from Tanzania and is currently pursuing a master's degree at Beihang University.

COLLEGES AND PROGRAMS

Business school

Bachelor program:
International Economics and Trade
Business Administration

Master program:
Applied Economics

Law school

Bachelor program:
Law

Master program:
Law

College of International Education

Bachelor program:
Chinese Language and Literature

Master program:
Master of International Chinese Language

School of Foreign Studies

Master program:
M.Ed. in English teaching
N.Master of Translation and Interpreting

College of Computer Science and Artificial Intelligence

Bachelor program:
Computer Science and Technology

Master program:
Computer Science and Technology

College of Civil Engineering and Architecture

Bachelor program:
Civil Engineering

Conservatory of Music

Music Education
Master of Music

College of Chemistry and Material Engineering

Bachelor program:
Chemistry（Normal)

Master program:
Chemistry
Material Science and Engineering

Doctoral program:
Chemistry

School of Electromechanical Engineering

Bachelor program:
Mechanical Engineering

Master program:
Mechanical Engineering

College of Electrical and Electronic Engineering

Master program:
Electrical Engineering

College of Life and Environmental Science

Bachelor program:
Biotechnology

Master program:
Biology
Resources and Environment

Overseas Chinese College

Master program:
Overseas Chinese Studies

College Of Innovation And Entrepreneurship

Master program:
Entrepreneurship Education

College Of Innovation And Entrepreneurship

Master program:
Entrepreneurship Education

TUITION AND FEES

Bachelor Programs	Liberal Arts : RMB 18,000 / Year
	Science & Engineering : RMB 20,000 / Year
	Art: RMB 22,000/year
Master Programs	Liberal Arts : RMB 20,000 / Year
	Science & Engineering : RMB 22,000 / Year
	Art: RMB 24,000/year
Doctoral Program	RMB 27,000 / Year
Language Program	One Semester: RMB 7,000; One Year: RMB 12,000
Application Fee	Degree Program: RMB 800/Person
	Non-degree Program: RMB 400/Person
Insurance Fee	RMB 800 / Year
Residence Permit	RMB 800 / Year
Accommodation Fee	RMB 2,900-4,000 / Year
Physical Examination	Around RMB 400/Person

ADMISSION DOCUMENTATION

Entry Requirements

1.Non-Chinese citizen with a valid passport; Healthy.

2.Age of 18 or above. For applicants under 18, please submit the certificate of Guardianship

3.Applicants for bachelor's degree must have a high school certificate.

4.Applicants for master's degree must have a bachelor's degree certificate.

5.Applicants for doctoral degree must have a master's degree certificate

6.English-taught programs: Non-native English /TOEFL（>70） IELTS（>6）Duolinguo（>105）Duolingo report or other proof of English proficiency.

Application Materials

1.Photocopy of passport

2.Graduation certificate and official transcript of highest education.(Certificates and transcripts should be in Chinese or English. If not, they should be translated into Chinese or English and be notarized.)

3.Applicants currently in China should provide a photocopy of the Resident Permit and a performance statement issued by the previous school if applicable.

4.For applicants of postgraduate degree programs, please provide a study plan and two recommendation letters.

5.Health report within six months. (Please refer to the school website for the sample)

6.Non-criminal Report issued within six months.

7.Bank statement within six months (if the bank account holder is others, submit signed sponsorship letter)

CONTACT US

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Facebook　Instagram　Application Guide

Welcome to Wenzhou Universitv

We invite you to stroll about our picturesque campuses with beautiful mountain views and relaxing walkways. If you have questions or need assistance, please feel free to ask anyone on campus. Whatever the reason for your visit, we hope you enjoy your stay!

Canteen	Campus Card	Bank	Post Office
Parking	Souvenir Shop	ATM	Information
BUS Station	Supermarket	Toilet	Public Bicycles

Library & Administration

- 14 Yuying Library F3
- 13 Administration Building C2
  - international Relations(#602)
  - Finance(#209,311)
  - Student Affairs
  - Teaching Affairs
  - Postgraduate Affairs
  - Technical Assistance
  - University Police(7x24 help line:86696110)
  - University History Museum
  - Hair Embroidery Museum
- 4 Yansong Hall (Conferences) D2
  - Folklore Museum B5
  - Campus Card D2,B3,A4,D6,F5,F6
- 8 City College B1
- 4 Oujiang College B6

Colleges & Venues

- 8 School of Business B5
- 7 College of Architecture & Civil Engineering C1
- 11 College of Chemistry & Materials Engineering B2
- 2 College of Fine Arts and Design D2
- 7 School of Foreign Studies B5
- 1 College of Humanities B5
- 3 College of International Education B3
- 2 College of Law and Political Scie... B6
- 10 College of Life & Environmental Science B2
- 9 College of physical Education A5
- 1 College of Computer Science and Artificial Intelligence D1
- 3 College of Mathematics & Information Science D2
- 5 College of Marxism B5
- 6 College of Mechanical & Electrical Engineering C1
- 6 College of Music B5
- 9 College of Teacher Education D3

Residence & Canteens

- A Buqing Community B3
  - Clinic (South Campus)(2nd floor)
  - Clinic Post Mailbox
  - China Mobile
- C Suchu Community D6
- E Chaohao Community F6
- 12 Expert Building (Zhuan Jia Lou) B3
  - International Student Residence

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温州大学 WENZHOU UNIVERSITY

WENZHOU UNIVERSITY MAP

温州大學
WENZHOU UNIVERSITY

Bachelor Programs

- International Economics and Trade
- Business Administration
- Japanese
- Translation and Interpreting
- Chemistry
- BIOTECHNOLOGY
- Machnical Engineering
- Music Education
- Computer Science and Technology
- Chinese Language and Literature

International Economics and Trade

国际经济与贸易

PROFILE

This major cultivates advanced professionals who can systematically master the basic theories, knowledge, and skills of working on international economics and trade, understand the current development status of international and Chinese economy and trade, be familiar with the prevailing international market rules and practices, proficiently master English, possess strong practical abilities in international trade and international business communication, and be able to engage in international advanced specialized talents such as import and export trade, domestic and international market research, marketing management, etc.

JOB PROSPECT

This program provides knowledge about world cultures and societies, a treasured skill by employers worldwide that search for experts that can successfully analyze international economics and trade. This program also qualifies you for more prestigious job opportunities such as the role of talents in economics field. You can even get into teaching at schools, get involved in research work, or even jobs in governments and multinational organizations.

CORE COURSES

International Trade Theory

This course is designed for international students majoring in international economics and trade. It aims to introduce the basic theory of international trade and the basic government policies in dealing with international trade. After finishing this course, the students should understand the basic theory of international trade, such as why there is international trade, what kind of commodities are going to be export and import, what are the benefits from international trade, and how the benefits impose influences on economic growth. Students should develop the ability to analyze economic problems by economics analysis methods and understand today's various phenomena emerging in the process of world economic integration.

Microeconomics

The principles of microeconomics will help you make decisions and understand what goes on in the world around you. We will study the behavior of individuals, business firms, and governments. We will also study how the interactions among those actors induce observed social phenomena such as production, prices, taxes, government regulation, and employment. The objective of the course is to enable students to think like economists when they want to. This includes identifying and weighing costs against benefits in making a choice, recognizing the incentives facing others, knowing the virtues of the market system, and knowing the weaknesses of the market system. The course has been successful if students only use coupons whose face value is greater than the value of the time it took to find and cut them out of the magazine.

Supply Chain Management

Thiscoursecovershigh-levelsupply-chainstrategyandconcepts.Itof-fersthestudentsacomprehensiveintroductionoftheanalytictoolsrequiredtoresolvesupplychainproblemsandhelpthemdevelopthecomprehensionofthestrategicroleofasupplychain,thekeystrategicdriversofsupplychainperformance,analyticmethodologiesforsupplychainanalysisandtheirinterrelationships.Studentsareexpectedtounderstandthestrategicsignificanceofgoodsupplychaindesign,planning,andoperationforeachcompanyandhowtheth reelogisticaldriversandthethreecross-functionaldriverscanbeutilizedatconceptualandpracticallevelsinsupplychaindesign,planningandoperationtooptimizethesupplychainperformanceofeachfirm.Analyticmethodologiesarealsorequiredforsupplychainanalysis.

International Business Negotiations

This course introduces theories and practices related to international business negotiation and the important issues that negotiators should pay attention to, and specific content of international business negotiations. It is about knowledge, skills and practice of business negotiation for students majoring in economics or other business related students. It is intended to offer learners relevant knowledge and skills in business negotiation, so as to prepare them a better foundation for their future. As negotiation is an activity in human communication in social life, some cases of successful and unsuccessful negotiations are presented and analyzed through which the important principles and tactics are proved to be significant and necessary.

Business Administration

工商管理

Business Administration aims to cultivate overseas students' innovative spirit, entrepreneurial awareness, and practical ability; International management talents with a certain foundation in business theory, professional skills, good comprehensive qualities, and excellent personality traits.The program qualifies you modern management professional knowledge and various digital and intelligent professional skills upon graduation; Having certain abilities in enterprise management, data processing and analysis, financial management, corporate governance, human resource management, and other aspects; Communication skills, team spirit, and stress resistance required for enterprise management; Enables certain degree of scalability to adapt to future industry development and market changes.

JOB PROSPECTS

This program provides you knowledge about world cultures and societies, a treasured skill by employers worldwide that search for experts that can successfully analyze world economy and international business administration. This program also qualifies you for more prestigious job opportunities such as the role of an talents in economics field. You can even get into teaching at schools, get involved in research work, or even jobs in governments and multinational organizations.

CORE COURSES

Operation and Management

This course offers a apparent, authoritative, well-structured and interesting treatment of operations management since it applies to a variety of businesses and organizations. Specifically, it provides both a logical path via the activities of operations management and an understanding of their strategic context. Also this course intends to introduce the principles and concepts of operations management to the students, apply these principles and concepts to other aspects of the students' personal life, and provide benefits of their studies of operations management to serve them in those other areas as well.

Human Resource Management

This course provides students the structure of human resources in an organization and the challenges within it, practicing students with a full and practical HR management concepts and techniques, with a focus on how to use them to improve performance, productivity, and profitability at work. The course begins with an overview and the functions of an effective human resource management along with factors affecting business operations.

Organizational Behavior

This course helps international students to understand the prospects and opportunities for economic development in various countries under the overall global economic integration;Understand the pattern of economic globalization, the laws of world economic operation, and the relationship between China and the world economy; Enhance the level of discourse ability, professional knowledge, and comprehensive quality.

Intercultural Management

This course is designed to help students understand the importance of national and organizational cultures with the objectives of enhancing communication among individuals, organizations and nations in order to understand cultural differences and to be able to effectively manage those differences. The course deals with various issues related to complexity of culture, cultural orientation of different organizations and individuals and the mapping of world cultures.To give students experience in both synchronous and asynchronous means of virtual communication and collaboration in order to achieve goals simulating what they could experience in the professional world.

Japanese

日语

PROFILE

The Department of Japanese at the School of Foreign Languages, Wenzhou University, was officially established in March 2021. As the only undergraduate program awarding a degree in Japanese in the southern Zhejiang region, the program closely aligns with national and local needs. It collaborates closely with industries and enterprises to cultivate interdisciplinary Japanese professionals with a distinctive institutional character, supporting the "Going Global" strategy.

1. Strong Faculty Team

The Japanese program boasts a robust faculty of nine members, all with overseas study experience and doctoral degrees. The team includes one professor, two Ouhai Distinguished Professors, four associate professors, and five lecturers. The faculty excels in research, achieving remarkable academic results.

2. Interdisciplinary Program Features

The program emphasizes a "Japanese + α" curriculum module, offering diversified interdisciplinary training modes such as "Japanese + Business," "Japanese + Trade," "Japanese + English," and "Japanese + Translation." This approach creates a vibrant learning environment that caters to the individualized needs of different students.

3. Diverse Talent Cultivation Model

The program actively explores and innovates talent cultivation models, emphasizing school-enterprise cooperation and international exchanges. It collaborates closely with domestic and international enterprises while maintaining partnerships with renowned Japanese universities such as Hiroshima University, Saga University, Toyo University, and Ishinomaki Senshu University. These collaborations provide opportunities for exchange programs, academic cooperation, overseas study, internships, and practical training, expanding students' international perspectives.

CORE COURSES

The program offers a wide range of courses, including Basic Japanese, Japanese Listening and Speaking, Japanese Conversation, Japanese Reading, Japanese Speech and Debate, Basic Japanese Writing, Advanced Japanese, Theories and Practices of Chinese-Japanese Written Translation, Theories and Practices of Chinese-Japanese Interpretation, Introduction to Japan, Academic Writing and Research Methods, Intercultural Communication, Introduction to Japanese Linguistics, Introduction to Japanese Literature, World Economy, Business Japanese, Japanese Economy, International Finance, and Practical Operations in International Trade, among others.

JOB PROSPECT

The program is rooted in Wenzhou and serves the southern Zhejiang, northern Fujian, and eastern Jiangxi regions. It strives to cultivate application-oriented Japanese professionals with a strong sense of Chinese identity and an international outlook. These graduates are equipped with solid Japanese language proficiency, professional knowledge, and capabilities, along with strong skills in language practice, international business operations, cross-cultural communication, and innovation and entrepreneurship.

Students gain mastery of the theories, knowledge, and skills required for international trade, management, and other global business activities. They are prepared to meet the needs of national and regional economic and social development, as well as foreign exchange and cooperation. Graduates can proficiently use Japanese to engage in areas such as foreign trade, economic management, business administration, and business translation within the field of international business.

COURSE DESCRIPTIONS

1. Introduction to Basic Japanese

This course is a fundamental required course for first- and second-year students majoring in Japanese. It is divided into four semesters: Basic Japanese (1), Basic Japanese (2), Basic Japanese (3), and Basic Japanese (4). The course serves as a bridge from intermediate to advanced Japanese, emphasizing the application of the "task-based teaching method" in instruction. Through this course, students will develop proficiency in the usage of intermediate Japanese vocabulary and sentence structures while enhancing their understanding of Japanese society and culture.

2. Introduction to Advanced Japanese

This course is a core subject offered in the sixth semester for third-year undergraduate students majoring in Japanese at Wenzhou University. The teaching units are organized around thematic topics, integrating language, literature, society and culture, as well as comparative studies between China, Japan, and Eastern civilizations. By engaging with classical topics, students will gain insights into Japanese and broader East-West history and culture. Through critical thinking and discussion, the course aims to enhance students' problem-solving skills and foster the development of logical and critical thinking abilities.

3. Introduction to Intercultural Communication

This course is a core subject designed for third-year Japanese majors. It provides an in-depth analysis of Chinese and Japanese cultures and offers detailed explanations of intercultural communication theories. By integrating theoretical knowledge with case studies, the course enhances students' intercultural communication and cultural appreciation skills. Students will learn to identify the characteristics of different cultures and communication styles, analyze the causes of cultural conflicts, overcome cultural barriers, and improve their ability to adapt to foreign cultures and engage in cross-cultural collaboration.

Translation and Interpreting

翻译与口译

PROFILE

The Translation and Interpreting Program at Wenzhou University, established in 2016, is a premier undergraduate program designed for international students seeking expertise in translation, interpreting and cross-cultural communication. Our program aims to cultivate versatile "Translation +" professionals who combine solid translation skills with expertise in specialized fields such as business, law, or international relations. This interdisciplinary approach prepares graduates to meet the diverse demands of the global language services market and excel in cross-cultural professional environments.

Innovative SMART Training Model

Our program follows the innovative SMART approach:

- Skills-enhanced: Intensive training in translation and interpreting competencies.
- Market-oriented: Curriculum aligned with industry demands.
- Research-initiated: Focus on academic exploration.
- Technology-empowered: Integration of modern translation tools.
- Adaptability-elicited: Development of versatile professional skills.

Program Highlights

- Specialized course modules in "Translation + Business" and "Translation + Law".
- Minor in International Organizations and Cross-cultural Communication.
- Multiple second foreign language options (Japanese, Korean, French, Italian, Spanish).
- State-of-the-art facilities including:
  - Cloud Translation Laboratory
  - Simultaneous Interpreting Training Center
  - TRADOS Computer-Aided Translation Lab

International Opportunities

- 2+2 dual degree program with University of Siena, Italy
- Exchange programs with partner universities worldwide
- Provincial-level internship base at Wenzhou Overseas Communication Center

Academic Excellence

- High pass rates in TEM-4 and TEM-8 (national English proficiency tests for English majors).
- Strong track record in international translation competitions.
- Nearly 20% of students obtain CATTI (China Accreditation Test for Translators and Interpreters) Level 3 certification.
- Comprehensive training in post-editing machine translation.

JOB PROSPECTS

Program Highlights

Our graduates have been admitted to prestigious institutions including:

Worldwide: University of Bath, UCL, University of Manchester, University of Edinburgh, etc.

China: Beijing Foreign Studies University, Shanghai International Studies University, Zhejiang University, Southeast University, etc.

Average graduate school admission rate: Over 30%

Career Paths

Graduates find success in various fields:

1.Education Sector

Language teachers in schools and universities
Educational administration
Tutoring institutions

2.Business & Commerce

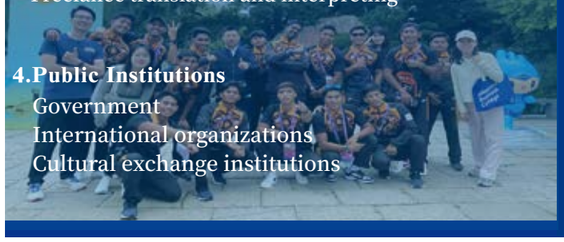
International trade companies
Multinational corporations
Banking and finance institutions
Project management positions

3.Professional Translation and Interpreting

Translation and interpreting agencies
Corporate translation and interpreting departments
Freelance translation and interpreting

4.Public Institutions

Government
International organizations
Cultural exchange institutions



CORE COURSES

Introduction to Chinese Culture
Translation Appreciation
Contrastive Studies of English and Chinese
Introduction to Translation Studies
Business Translation
Liaison Interpreting
Introduction to Linguistics
Consecutive Interpreting
Topic-based Interpreting
Cross-cultural Communication
Research Methods and Academic Writing
Translation Technologies
Pragmatic Translation
Machine Translation Post-editing

Chemistry

化学

■ PROFILE

Chemistry mainly studies the basic theoretical knowledge of chemistry and the basic operational skills of chemical experiments, including the chemical reactions and changes within a single substance and between multiple substances, understanding the mechanisms and processes of these changes, such as combustion of objects, rust of steel, food decay, and the process of grain brewing, all of which are chemical changes. By studying the processes of these changes, students can understand the reasons and mechanisms for their changes.

■ JOB PROSPECTS

Teacher in chemistry at the middle or high school
College laboratory coordinator
Chemistry curriculum designer
Educational program assessment coordinator
Teaching and learning center professional development provider

CORE COURSES

■ INORGANIC CHEMISTRY

This course is an introduction to modern inorganic chemistry. Topics include principles of structure, bonding, and chemical reactivity with application to compounds of the main group and transition elements, including organometallic chemistry. This course is the first basic core course for the international students majored in chemistry. The course content can be divided into two parts. The first part is chemical principles including introduction, gases, thermochemistry, chemical kinetics, chemical equilibrium, acid-base equilibria, solubility-precipitation equilibria and redox reactions. The second part is the structure of matter including atomic structure, molecular structure, solid structure and complex structure.

This course plays an important role in strengthening and broadening international students' knowledge and ability structure. This course is also the foundation of successive courses of chemistry.

■ ORGANIC CHEMISTRY

This course gives an introductionan to organic chemistry, focusing primarily on the basic principles to understand the structure and reactivity of organic molecules. Emphasis is on substitution and elimination reactions and chemistry of the carbonyl group. The course also provides an introduction to the chemistry of aromatic compounds. Carbon can form covalent bonds with itself and other elements to create a mind-boggling array of structures. In organic chemistry, we will learn about the reactions chemists use to synthesize crazy carbon based structures, as well as the analytical methods to characterize them. We will also think about how those reactions are occurring on a molecular level with reaction mechanisms. Simply put, organic chemistry is like building with molecular Legos.

■ PHYSICAL CHEMISTRY

Physical chemistry, once was summed up as a subject encompassing everything that is interesting by Gilbert N. Lewis, is the theoretical basis of chemical science, and also the indispensable worldview and methodology in cognition of the chemistry world. Herein, this forthcoming bilingual demonstration course from Dalian University of Technology are dedicated to undergraduates majored in chemical engineering, emphasizing a comprehensive, but well understood overview of experimental or theoretical approaches, fundamental concepts and principles, as well as their typical applications. Hope to bring you an authentic sense of modern physical chemistry and research interest to go on exploring and make your own breakthroughs in this diverse and fascinating field.

BIOTECHNOLOGY
生物技术

COURSE DESCRIPTION

Microbiology

The science of microbiology is all about microorganisms and how they work, especially the bacteria, a very large group of very small cells that have enormous basic and practical importance. Microbiology is also about diversity and evolution of microbial cells, about how different kinds of microorganisms arose and why. Microbiology embraces ecology, so it is also about where microorganisms live on Earth, how they associate and cooperate with each other, and what they do in the world at large, in soils and waters and in animals and plants. Microbiology encompasses numerous sub-disciplines including virology, parasitology, mycology and bacteriology.

The science of microbiology revolves around two interconnected themes:

(1) understanding the nature and functioning of themicrobial world, and

(2) applying our understanding of microbial world for the benefit of humankind and planet Earth. As a basic biological science, microbiology uses microbialcells to probe the fundamental processes of life. In so doing, microbiologists have developed a sophisticated understanding of the chemical and physical basis of life and have learned that all cells share much in common. As an applied biological science, microbiology

is at the forefront of many important breakthroughs in humanand veterinary medicine, agriculture, and industry.

CORE COURSES

Calculus, Physics, Inorganic and Analytical Chemistry, Organic Chemistry, Instrumental Analysis, Biostatistics, Plant Biology, al Biology, Biochemistry, Cell Biology, Microbiology, Genetics, Molecular Biology, Genetic Engineering Principles and Techniques, Fermentation Engineering Technology, Biological Separation Principle and Technology, Bioinformatics, Immunology Principle and Technology, Cell Engineering, Enzyme Engineering.

Genetics

Genetics is a branch of biology concerned with the study of genes, genetic variation, and heredity in living organisms. Genetics is central to biology because gene activity underlies all life processes, from cell structure and function to reproduction. Genetics is an important basic course which has strong relationship with disease, medicine, food supply, and improvement of plants, animals and microorganisms, and so on. Therefore, the purpose of the genetics course is to help students, not only to understand the fundamental principles of transmission genetics, quantitative traits analysis, population and evolutionary genetics, but also to learn the basic methods and techniques of genetic research so as to pave the way for other related applied subjects or work.

PROFILE

Biotechnology is the broad area of biology involving living systems and organisms to develop or make products, or "any technological application that uses biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use". Depending on the tools and applications, it often overlaps with the (related) fields of molecular biology, bio-engineering, biomedical engineering, biomanufacturing, molecular engineering, etc.For thousands of years, humankind has used biotechnology in agriculture, food production, and medicine.In the late 20th and early 21st centuries, biotechnology has expanded to include new and diverse sciences such as genomics, recombinant gene techniques, applied immunology, and development of pharmaceutical therapies and diagnostic tests.

Principles and Techniques of Bioseparation

Principles and Techniques of Bioseparation is one of the core courses for students majoring in biotechnology. It is the extension of biochemistry in applied field. The main research objects of the course are the extraction and purification methods of bioproducts. It emphasizes the close combination of basic theory and experiment and improve students' ability to analyze and solve problems, cultivate students' comprehensive ability and innovative consciousness.

Machnical Engineering

机械工程

■ PROFILE

The Mechanical Engineering (International) in Wenzhou University is constructed in accordance with international standard requirements of the Washington Accord (http://www.washingtonaccord.org/). And in terms of the international engineering education concept, the CDIO (Conceive、Design、Implement、Operate) project teaching mode is adopted to cultivate talents. Currently, there are three major modules of industrial automation, laser processing and robot. This major is dedicated to train mechanical engineers with world-class professional skills, cross-cultural understanding and global communication skills for satisfying great needs for international engineering talents.

JOB PROSPECTS

Our graduates are involved in mechanical design and manufacturing, technical innovation, applied research, project management, sales and marketing, etc.

Main Orientations of Graduates Employment:

▲ To businesses: mechanical design engineer, industrial robot application engineer, equipment engineer, mechanical process engineer, mold engineer, CNC engineer, product engineer, technical sales and management engineer;

▲ To universities or scientific research institutions: Teacher and researcher;

▲ International civil servant in the gov ernment;

▲ University graduate student.

Core Courses

Engineering Graphics

Engineering Graphics is an applied science that studies the drawing, expression and reading of engineering drawings. It is the technical language that engineering and technical personnel abide by in the process of design, manufacturing, and maintenance. The engineering Graphics course mainly studies the basic principles and methods of drawing and reading engineering drawings, and cultivates students' spatial imagination. It is a basic technical course with both systematic theory and strong practicality.

Mechanical Design

This course focuses on the working principles and simple design methods of commonly used mechanisms and components, the principles of mechanism selection and component strength calculation and structural design, and the thinking methods of innovative design. After graduation, whether the students are engaged in mechanical product design or as equipment management and operation work, the course provides the basic knowledge necessary for common mechanisms, general components and transmission principles, equipment maintenance and fault analysis. Through the study of this course and the subsequent course design practice, students can be trained to initially have the ability to design general mechanical transmission devices, laying a solid foundation for future creative activities.

The Basics of Engineering Materials and Forming Technology

This course is a comprehensive course involving blank material selection and forming methods and other professional knowledge. This course is the core course for the major of mechanical design and manufacturing, as well as the link between the basic and professional courses of the major, and establishes the foundation for students to learn follow-up professional courses and participate in professional practice.

Students are meant to learn the basic knowledge of engineering materials and forming technology, master the reasonable selection of commonly used mechanical parts and blank manufacturing methods, and develop the corresponding process route. Meanwhile, the engineering application ability can be improved through the study of the course.

International Trade

International trade is a discipline of applied economics, which mainly studies international trade theory and policy, international business management, international business and global marketing, international trade risk analysis and avoidance, in addition, it also provides theoretical basis and analytical means for senior managers of enterprises to formulate international business strategies and relevant government departments to formulate international trade policies. Students studied this course should systematically master the basic theories of international economy and international trade, master the basic knowledge and basic skills of international trade, understand the development status of contemporary international economy and trade, and be familiar with the prevailing rules and practices of international trade.

Engineering Economics

Engineering economics, also known as cost-benefit analysis, is a new subject developed in recent years. It is a scientific evaluation system to study how to make engineering technology programs (or investment projects) achieve the best economic results. Engineering economics usually takes engineering project as the research object. It has following characteristics:

1. Engineering economics emphasizes economic analysis on the basis of technical feasibility.
2. The economic analysis and evaluation of engineering technology are closely related to the objective
   environment.
3. Engineering economics is the science of analyzing and comparing the economic effects of the future "differences" of the feasible schemes of new technologies.
4. Almost all economic effects discussed in engineering economics are related to the "future".

Engineering Project Management

Engineering Project Management

Robotics

3D printing

Internet Of Things Technology and Its Application

Music Education

音乐教育

PROFILE

Music education major aims to cultivate professional talents with an international perspective, solid professional skills, a solid foundation in music discipline knowledge, and outstanding music education and teaching abilities. Graduates will also possess a certain level of humanistic depth and scientific spirit, enabling them to engage in music teaching and research in primary and secondary schools as well as educational institutions.

The standard duration of this program is four years, with a minimum requirement of 142 credits for graduation, including general education, professional education, professional internships, and a graduation project (thesis).

Students who meet the graduation requirements will be conferred the Bachelor of Arts degree in accordance with the Wenzhou University Implementation Details for the Conferment of Bachelor's Degrees.

JOB PROSPECTS

This program offers cutting-edge knowledge in music education and has designed a curriculum based on the training objectives for international music education professionals. Through the study of the courses, you will not only master the skills of music education but also broaden your international cultural horizons and enhance your proficiency in both Chinese and English, equipping you with the necessary competencies to compete in the global talent market. After graduation, you can pursue a career as a full-time music teacher in primary and secondary schools or educational institutions, or you can join large international corporations as a cultural officer.

CORE COURSES

Elementary music theory and solfege

Music Theory and Sight Singing is a practical, technical foundational course that combines theory with practice. It primarily guides students in systematic training of music theory, sight singing, and ear training. This course is an essential component of the curriculum for the Musicology (Normal) major and is a required core professional course for students majoring in Musicology (Normal) at general higher education institutions.

Instrumental Performance and Teaching

Instrumental Performance and Teaching is a core course designed to cultivate the basic abilities of students to engage in music education work. Through the study of instruments such as the guzheng (Chinese zither), pipa (Chinese lute), erhu (Chinese violin), suona (Chinese horn), clarinet, violin, and cello, students gain an understanding of instrumental performance and teaching methods. This course integrates knowledge, skills, artistry, and practicality, playing a significant role in enhancing students' overall quality and developing their musical talents. It is an essential component of the Musicology (Normal) program curriculum and is a required core professional course for students majoring in Musicology (Normal) at general higher education institutions.

Piano Performance and Teaching

Piano Performance and Teaching is a core course that aims to cultivate students' basic abilities for music education work. Through fundamental piano training and the study of more advanced performance techniques, combined with the appreciation of relevant piano compositions, this course develops students' abilities in piano performance, teaching, and appreciation. It is an integral part of the curriculum for the Musicology (Normal) major and is a required core professional course for students majoring in Musicology (Normal) at general higher education institutions.

Piano Improvising Accompaniment

Piano Improvisation Accompaniment is a required core course in the Musicology (Normal) major, integrating various foundational disciplines of music into a comprehensive and applied curriculum. It is an essential professional skill that students should possess for engaging in music teaching and research in primary and secondary schools, as well as in social music and arts professions.

Chorus and Conducting

Choral and Conducting is a required course for undergraduate students majoring in Musicology (Normal), focusing on the theory and practice of choral and conducting. This course is built on the foundation of students' extensive participation in choral practices. Through the teaching of basic conducting theories, skills, and analysis of choral music, students will learn to design different gestures for various time signatures in choral works and understand the general rules and basic methods of choral training. This course is beneficial for students to understand, experience, and express music in dual roles as both musicians and conductors. It plays a significant role in developing students' musical talents, fostering cooperative and coordination skills, and enhancing their musical performance and teaching abilities.

Other Course

Music Curriculum Standards and Textbook Research
Music Teaching Design and Implementation
Music Bibliography
Intercultural Communication Theory and Practice
Educational Internship

Computer Science and Technology

计算机科学与技术

PROFILE

The Computer Science and Technology undergraduate program is structured to develop high-quality professionals equipped to meet the technological demands of modern industries and the global economy. This program provides students with a strong foundation in computer science principles, covering core theoretical knowledge and essential technical skills. The curriculum emphasizes engineering practices and fosters capabilities in areas like software development, project management, and technological innovation. Additionally, students will gain an international perspective, preparing them to collaborate in diverse teams across multinational corporations, research institutions, government bodies, and educational settings. Through rigorous coursework, hands-on projects, and cross-cultural studies, the program molds graduates capable of adapting to the rapid advancements in the technology sector. Graduates emerge as skilled engineers, capable of creating innovative solutions to complex problems and driving advancements in fields like artificial intelligence, data mining, and software engineering.

CORE COURESE

I. Overview of Database Principles and Applications
This course provides a comprehensive exploration of database systems, covering both theoretical foundations and practical implementations. Students will learn to design, implement, and manage efficient databases while gaining hands-on experience with modern database technologies and tools.

Key Topics
1.Database Fundamentals
2.Database Design & Optimization
3.Modern Database Technologies
4.2.Database Design & Optimization

II. Machine Learning
This course introduces the fundamental concepts, algorithms, and applications of machine learning (ML). Students will explore how to design, train, and evaluate models that enable computers to learn patterns from data and make intelligent decisions. The curriculum balances theory with hands-on implementation, emphasizing real-world problem-solving.

Key Topics
1.Foundations of ML
2.Advanced Techniques
3.Tools & Frameworks
4.Applications & Ethics

III. Data Mining Techniques
This course focuses on extracting meaningful patterns and insights from large datasets using advanced
data mining methodologies. Students will learn to apply statistical, machine learning, and visualization
techniques to uncover hidden trends and support data-driven decision-making in diverse domains.

Key Topics
1.Foundations of Data Mining
2.Pattern Discovery & Analysis
3.Tools & Frameworks
4.4.Applications & Ethics

CORE COURESE

Object-Oriented Programming (Java)
Database Principles and Applications
Software Engineering
Web Application Development
Advanced Algorithms
Machine Learning
Principles of Artificial Intelligence
Data Mining Techniques

JOB PROSPECTS

Graduates can pursue careers as software engineers, data analysts, AI specialists, project managers, and system architects. They are well-prepared for roles in multinational corporations, domestic tech firms, research institutions, and public organizations. With a strong grounding in practical and theoretical knowledge, they can adapt to evolving technology, contribute to complex projects, and pursue opportunities in both local and global markets

Chinese Language and Literature

汉语言文学

PROFILE

TThis program is to prepare students to use fluent Chinese at business or workplace settings, and effectively understand business information written in Chinese, while providing a solid foundation in international trade and to cultivate their capacity to teach Chinese as a foreign language, This program includes courses on Chinese language, business communication and Chinese language teaching, The language and major courses are taught using both English and Chinese; general courses are taught in English.

Applicants with an HSK4 or HSK5 certificate can be excused from courses of the first year or/and the second year.

EDUCATION OBJECTIVES

- To improve Chinese listening, speaking, reading and writing skills at the workplace, applicable across various industries.
- To expand knowledge of business terms, phrases, and syntax; learn to use to them via exercises such as substitution drills and role-plays.
- To enhance confidence in using Chinese in both formal and informal situations.

DURATION

4 years

JOB PROSPECTS

Government organizations, as well as working in all kinds of international companies as secretaries, translators, salespeople, and business activity designers.

EXAMPLES

- Work in Chinese companies
- Start your own business in China and do business with Chinese people
- Work in one's home country as a representative of a Chinese company, such as the overseas offices of Bank of China
- Work as translators for Chinese or their home country's companies
- Work as tour guides for Chinese tourists in their home countries
- Work as teachers of Chinese in their home countries

CORE COURSES

Elementary Chinese, Intermediate Chinese, Advanced Chinese, Business Chinese Listening and Speaking, Business Chinese Reading and Writing, Business Chinese Translation, Contemporary Business.

Listening & Speaking

Course Description

Focus on conversational training; develop accuracy and fluency of verbal expression through discussions, role-play, drills, debates, etc.

Learn business terms through various business or workplace scenarios.

Course Level

Beginner Levels:	Pre-Intermediate Levels	Intermediate & Advanced Levels:
Chinese phonetics (Hanyu Pinyin), accurate pronunciation. Learn basic characters and common phrases, handle daily workplace scenarios, and hold simple conversations, for instance greetings, asking questions, self-introduction, habits, hobbies, etc.	Removal of Chinese phonetics assistance in courseware, pre-requisite to possess a baseline level of reading skills. Learn common business expressions, hold general conversations at workplace and social settings, and express personal opinions clearly.	Learn to use business terms in various types of workplaces and complex sentences in conversations. Engage in in-depth discussions on topics related to individual profession;clearly state reasons and point of view. Speak on formal occasions and enhancing the appropriateness, logic and coherence of expression.

Reading & Writing

Course Description

Master reading and writing skills necessary for the workplace.

Learn business terms and master using various written materials such as signs, reports, news, speeches, etc.

Comprehensive Chinese

Course Description

An inclusive and comprehensive training for listening, speaking, reading and writing.

温州大學
WENZHOU UNIVERSITY

Master Programs

- Applied Economics
- English Teaching
- Translation and interpreting
- Chemistry
- Material Science and Engineering
- Biology
- Environmental Engineering
- Mechanical Engineering
- Electrical Engineering
- Computer Science and Technology
- Music
- Design
- Master of internationalChinese Language
- OverseaChinese studies
- Entrepreneurship Education

Applied Economics
应用经济学

PROFILE

Applied Economics aims to cultivate the skills to be an interdisciplinary talent who has international vision, cross-culture background, solid applied economics theories, and innovative problem solving capability.

JOB PROSPECTS

This program provides you knowledge about world cultures and societies, a treasured skill by employ-ers worldwide that search for experts that can success-fully analyze world economics. This program also qualifies you for more prestigious job opportunities such as the role of an talents in conomics field. You can even get into teaching at university level, get involved in research work, or even jobs in governments and multinational organizations.

CORE COURSES

International Trade

International Trade is the core course for the Applied Economics in Entrepreneurship Management Master Program. The main objective of this course is to enable graduate students to understand in a systematic manner the theories and practices in international trade and to enable them to conduct research in international trade areas in today's dynamic and competitive global environment. The course mainly provides updated cases about international trade such as Trade war between China and US, does refugees really a burden for Europe countries for graduate students to discuss according to international trade theories. Students are required to have basic knowledge in Economics and international trade before taking this course.

Data Analysis

Data Analysis is the core course for the Applied Economics in Entrepreneurship Management Master Program. The course mainly introduces the basic statistics idea and the commonly used statistics concept, including data description, sampling statistics, confidence interval estimation, hypothesis testing, ANOVA, parameter estimation and regression analysis, and so on. The course aims to familiarize the students with the functions and methods of data analysis, provide instructions for using data analysis applications, such as EXCEL or SPSS, and give the students practice on applying data analysis to business. Also, the course requires students to apply data analysis methods in academic writing by covering some academic literature.

MNE and Global Management

MNE and Global Management is a core course designed for students in the Applied Economics in Entrepreneurship Management Master Program. The main objective of this course is to enable students to understand in a systematic manner the theories and practices in international business and to enable them to conduct research in how multinational enterprises manage their global strategies and operations in today's dynamic and competitive global environment. This course discusses the external political, economic and legal environments facing multinational enterprises, focuses on strategies available to them to compete successfully in the global markets, and also covers their operational aspects such as managing global production and outsourcing. Students are required to have basic knowledge in Economics and Management before taking this course.

SME

SME is a core course designed for students in the Applied Economics in Entrepreneurship Management Master Program.The fast development of globalisation requires continuous innovation, and the role of SMEs becomes increasingly critical considering the weight of their contributions to the global economy. Most SME proprietors are entrepreneurs, and the innovative behaviours of SMEs are frequently unique and context dependent. Unfortunately, our understanding about SMEs is very limited, which makes managing SMEs difficult in most cases. This course involves studies of characteristics of SMEs, SME ownership and strategy, SME marketing, SME entrepreneurship, etc. This course aims to equip entrepreneurs with the knowledge they need to be successful, stimulate innovation in SMEs, and help SMEs to compete and pr

English Teaching

学科教学(英语)

PROFILE

The M.Ed. in English Teaching Program integrates English language skills, teaching methodologies, and cross-cultural communication. Its primary goal is to develop highly skilled, internationally-minded, and locally grounded professionals who are well-equipped to handle diverse teaching tasks and adapt to the evolving demands of English education.

JOB PROSPECTS

Graduates of this program are prepared for diverse roles in education, cultural exchange, media, and global business. They can work as English teachers in schools and universities, or in language training centers, helping students master English while fostering cross-cultural understanding. Opportunities also exist in cultural exchange programs and government agencies, promoting international collaboration. In media and publishing, graduates can serve as editors, translators, or content creators, while enterprises with global reach may hire them for roles in cross-cultural communication and management. Their strong English skills and cultural competence enable them to excel in institutions across China and abroad.

CORE COURSES

English Curriculum and Teaching Methodology

This foundational course introduces students to the core concepts and methodologies in English language teaching. It covers the history, characteristics, principles, and nature of various teaching methodologies, providing a comprehensive overview of language teaching development. Key topics include the roles of teachers and learners, the influence of the learning environment, techniques to foster classroom interaction, and effective lesson planning strategies. By the end of the course, students will gain a solid understanding of the fundamental principles required to create engaging and effective English language lessons.

Research in K12 English Teaching

This course delves into contemporary theories and trends in English teaching, offering insights into both domestic and international developments in the field. Students will explore current topics in language education, the directions of English teaching reform, and the practical value of innovative teaching methods. Through observation and analysis of mainstream classroom practices worldwide, as well as guided simulation teaching exercises, students will develop the skills needed to design, implement, and evaluate effective foreign language instruction for K-12 learners.

English Teaching Assessment and Testing

This course equips students with the theoretical foundation and practical skills necessary for effective language testing and assessment. It covers the entire process of language testing, including test design, administration, analysis, and feedback. Students will learn about the macro and micro functions of language tests, principles of test construction, and techniques for evaluating specific language skills. The course also introduces the latest research and practices in language testing, with a focus on the needs of primary and secondary school students. By connecting theory to practice, students will develop the ability to create and manage assessments in real-world educational settings.

Literary Classics and Language Teaching

This course combines the study of English literature with language teaching, fostering a deeper appreciation of literary works and their educational value. Students will systematically explore the history and methods of literary analysis, gaining essential literary skills and cultural knowledge. The course emphasizes the appreciation and interpretation of original English-language literary works, enhancing students' linguistic competence and cultural literacy. By integrating literature into language teaching, students will develop strategies to enrich their future teaching practices and promote a more holistic approach to English education.

Translation and Interpreting

笔译与口译

PROFILE

The Master of Translation and Interpreting (MTI) program at WZU is a full-time postgraduate degree designed to help you specialize in areas relevant to your professional ambitions in translation and interpreting. This program combines core courses in translation studies with electives such as Introduction to Translation, Translation Theory and Techniques, Translation of Chinese Classics, and Language Service and Project Management. It offers a well-rounded and comprehensive language education tailored to your interests. Our faculty members provide real-world translating and interpreting projects in professional settings, giving you the opportunity to apply the knowledge and skills gained through critical analysis, independent research, project management, and teamwork.

JOB PROSPECTS

You will graduate with the knowledge, skills, and certifications required to work as a professional translator or interpreter. Additionally, you will be well-prepared for roles in translation research, teaching, management, and other fields such as foreign affairs, trade, industrial technology, press, and publishing, both in China and internationally. You will also have the option to pursue a research pathway leading to PhD studies.

CORE COURSES

Translation Theory and Technique

This course introduces the fundamental theories and techniques of translation between English and Chinese. It emphasizes common translation standards, principles, and practical techniques. While combining theory, the course focuses primarily on hands-on translation practice and developing proficiency, rather than solely relying on the teacher's explanations. This student-centered approach enhances both translation skills and theoretical understanding, helping students achieve practical competency.

Business English Translation Workshop

This course integrates business knowledge with translation and interpreting skills, providing a competitive edge in the job market and broadening career opportunities. Through its skill-focused and practical nature, the course equips students with valuable industry experience and proficiency in business translation and interpreting. Lecturers with extensive practical and research experience offer a variety of industry-based tasks, ensuring students develop relevant and applicable skills.

Interpretation Theory and Technique

This course provides a structured syllabus and an overview of interpreting, supplemented by tailored exercises. It serves as both a practical guide for aspiring interpreters and a complement to interpreter training programs, especially for those preparing for work in international governmental and business settings. Exercises focused on lexicon and syntax aim to expand students' range of expressions and build the vocabulary required for interpreting. The course also covers interpreting techniques, including message comprehension through listening, memory enhancement, logical analysis, and note-taking. Simulation training forms an integral part of the course, allowing students to practice and refine their interpreting skills.

Computer-aided Translation

This course addresses the demands of the digital era and the evolving needs of the translation industry. Students are introduced to various computer applications in translation, gaining expertise in translation technology and hands-on experience with mainstream tools for corpus construction, analysis, and computer-aided translation. Topics include the history of machine translation, corpus development and analysis, applications of computer technology in translation, localization, globalization, and more. By the end of the course, students will possess the technical know-how required for modern translation practices.

English Translation of Chinese Classics

This course focuses on translating Chinese classics into English to promote Chinese culture and civilization worldwide. Students are encouraged to adopt a "cultural translation" mindset, using domestication and foreignization strategies as appropriate. Alongside practical translation tasks, the course emphasizes developing translation theories that highlight traditional Chinese cultural elements. Students will translate texts on topics such as language and literature, history, science, religion, geography, and politics, aiming to foster cultural exchanges between China and Western countries.

Chemistry
化学

JOB PROSPECTS

You'll get to experience working in a research laboratory with other research students. Depending on the nature of your project, you may prepare and test specimens followed by post-test examination by many testing techniques such as electron microscopy and surface analysis techniques. Many successful graduates go on to do PhD research.Many of our graduates go on to work for high-profile employers within sectors such as pharmaceuticals, chemicals,Inorganic chemistry, Organic chemistry, polymer chemistry, analysis chemistry, energy, oil and gas, environment, and biotechnology.
Recent graduates have taken up roles including chemical engineer, energy marketing and trading analyst, graduate engineer, process engineer, and technology risk associate within many companies.

PROFILE

Our Chemistry Master program provides advanced training in modern chemistry. It will give you an overview of chemistry topics as practised in modern research. You will receive speciality training in areas of organic, inorganic, physical analytical chemistry and polymer physical chemistry. This course provides advanced training in modern organic and medicinal chemistry from conception to production of novel drugs. It enables you to understand and experience the way modern small molecule medicine is developing. You will gain hands-on.

Energy Materials and Chemistry

Advanced organic chemistry is to further discuss the structure theory and reaction mechanism of organic matter on the basis of basic organic chemistry, and theoretically study the structure and reaction process of organic matter at a higher level. The structure, reaction, mechanism and their relationship of organic compounds are discussed emphatically. By discussing the principle, rule, characteristic and application of organic reaction, and introducing the design method and selection principle of organic synthesis process route, the students can improve their ability to analyze and solve practical problems, and lay a solid knowledge foundation for their future work or further study.

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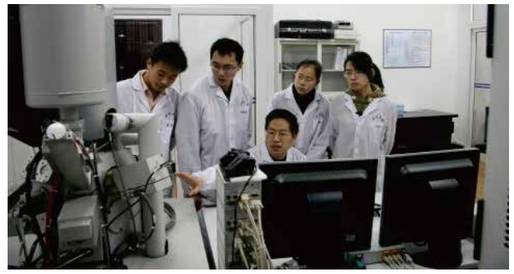
CORE COURSES

Scientific Paper Writing

The educational concept of this course is to take students as the center and improve students' ability of combining theory with practical application. Therefore, the following training objectives are set:
1.Let students understand the writing methods and norms of chemical papers.
2.Apply the theory learned to practice and improve the quality of paper writing by reviewing and analyzing the paper.
3. Improve students' knowledge application ability by consulting materials and defending courses.



Material Science and Engineering

材料科学与工程

PROFILE

Our Materials Design and Engineering Master program provides an understanding of the role and application of materials including polymer, inorganic materials and composite materials. It also examines the science of materials properties. Learn about materials from a science and an engineering point of view; Work in a research laboratory with other research students; Complete an industry-linked research project.

JOB PROSPECTS

You'll get to experience working in a research laboratory with other research students. Depending on the nature of your project, you may prepare and test specimens followed by post-test examination by many testing techniques such as electron microscopy and surface analysis techniques. Many successful graduates go on to do PhD research. Many of our graduates go on to work for high-profile employers within sectors such as ceramic, polymer, composite, pharmaceuticals, chemicals, energy, oil and gas, environment, and bio-tech-nology.Recent graduates have taken up roles including material engineer, chem-ical engineer, energy marketing and trading analyst, graduate engineer, proc-ess engineer, and technology risk associate within many companies.

CORE COURSES

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Statistical thermodynamics

This course covers the following topics: laws of thermodynamics, heat capacities,distribution laws, partition functions, and chemical equilibrium and kinetics. We will illustrate how to extract thermodynamic information from the partition function and why statistical thermodynamics plays a vital link between quantum theory and chemical thermodynamics. (3 lecture hours a week).

Tentatively, the midterm exam will cover chapters 4 to 13. Chapters 4 to 10 are about the classical thermodynamics, which have been largely discussed in 59-240 and lay the foundation for the rest of this class. Chapters 11 to 13 are about Statistical Thermodynamics.

Biology

生物

PROFILE

Biology, also known as life science and Bioscience, is a natural science that studies all aspects of life from empiricism, including the origin, evolution, distribution, structure, development, function, behavior, interaction with the environment, as well as biological taxonomy. Biology is a science that studies the structure, function, occurrence and development of organisms (including plants, animals and microorganisms), and it is a part of natural science. The purpose is to clarify and control life activities, transform nature, and serve the practice of agriculture, industry and medicine.

CORE COURSES

Biology, Molecular Biology, Biochemistry, Advanced Hydrobiology, Aquatic Environmental Toxicology, Microbiology, Zoology, Cellular Immunology, etc

JOB PROSPECTS

Education, academic research, laboratory technician, biopharmaceutical, biotechnology company, etc.

Advanced Hydrobiology

Advanced hydrobiology is the major course for the specialty of hydrobiology or environmental engineering. This course aims to provide the engineering students with the knowledge of limnology, coupled with freshwater and marine biology. The students should grasp the morphology and classification of the aquatic organisms, including plankton, nekton, neuston, benthos, and periphyton, and master the relationships between them and the living environment. The students can gain ability to engage in biology and ecology research, aquaculture, as well as environmental science.

Advances in Applied Microbiology Technology

Advances in Applied Microbiology Technology» is a compulsive course for Master of Science in microbiological Biology. This course mainly introduces the basic theory and basic knowledge of applied microbiology, and introduces the advances in applied microbiology in industry, agriculture, food, medicine, pharmaceuticals, environmental protection, energy utilization and other fields. According to the study of this course, students must master the basic theory and basic knowledge of applied microbiology, and they should be familiar with the research progress of applied microbiology in many fields such as industry, food, medicine, pharmaceuticals and environmental protection. Furthermore, students must master the common methods used in the applied microbiology and know how to obtain and study the beneficial microorganisms and apply them in certain fields.

Environmental Engineering

资源与环境

PROFILE

Environmental engineering belongs to a second-level discipline under the Department of Environmental Science and Engineering in the Department of Engineering. It is an emerging comprehensive and marginal discipline that comprehensively applies natural sciences, social science principles and engineering techniques to coordinate environment and development, and to protect and improve environmental quality. The Master of Environmental Engineering in Wenzhou University was established in 2014. The main research directions include (1) water treatment technology, including natural water restoration and waste water treatment; (2) ecological restoration technology, including ecological restoration of polluted water bodies, sediments and soils; (3) environmental application of chemical technology, including the technology research and development, practice and promotion in the chemical green synthesis, waste plastics recycling, environmental functional materials and catalysts.

JOB PROSPECT

Environmental engineering has great potential for development, which provides a broad space to develop for professional graduates. The employment direction of environmental engineering is as follows: 1. Environmental protection departments at all levels of government; 2. Planning departments, construction management departments, design and research institutes, environmental engineering companies, state-owned enterprises and other institutions; 3. Research institutes, universities and colleges.

CORE COURSES

Progress in Environmental Pollution Control Technology, Water Pollution Control Principle and Process, Solid Pollution Control Principle and Technology, Principles and Technologies of Air Pollution Control, Ecological Restoration Theory and Technology, Introduction to Environmental Studies.

Progress in environmental pollution control technolog

Based on the training objectives of environmental engineering, it mainly introduces the frontier dynamics of major disciplines in the field of environmental engineering, to familiarize students with the international frontiers and development history of relevant research fields, to enable students to understand the hot issues of modern environmental engineering disciplines and to enable students to master the latest research results and applications at home and abroad. The situation, as well, deepens students' cognition and understanding of professional knowledge, cultivates students' interest in scientific research, and provides a basis for students to develop graduation thesis.

Solid waste disposal and recycling

The subject of Solid Waste Disposal and Recycling is to lecture the advanced technologies for solid waste treatment and disposal, the corresponding development will be introduced in detail. By the class multimedia teaching and discussion between the teacher and the students, the main topics on how to operate the municipal incinerator, how to reuse waste sludge by making construction materials, how to clean up the waste gases from the composting plants and transfer stations, and how to recycling the industrial solid waste such as fly ash, will be discussed. Cost and environmental impact based on the analyses of engineering project examples for solid waste treatment and disposal will be discussed.

Modern Instrumental Analysis

"Modern Instrumental Analysis" covers the fundamentals of instrumentation and provides a thorough review of the applications of this technique in the laboratory. The class covers five major sections: Overview, Sampling, Evaluation of Physical Properties, and Thermal Analysis; Spectroscopic Methods; Chromatographic Methods; Electrophoretic and Electrochemical Methods; and Combination Methods, Unique Detectors, and Problem Solving. Each section has a group of chapters covering important aspects of the titled subject, and each chapter includes applications that illustrate the use of the methods.

rinciples and Processes of Water Pollution Control Course Description

PThis course is required for graduate students of environmental engineering for the master degree. It covers water pollution constituents, measurements indexes, principles and processes of water pollution control, including physical, chemical, aerobic and anaerobic treatment, nitrogen and phosphorus removal, advanced treatment, tailwater recovery and reuse, sludge treatment, disposal and reuse, etc. Besides, projects are introduced on municipal sewage, industrial park wastewater, high organic content wastewater, chemical wastewater, metallurgical wastewater, dyeing wastewater, pulp and paper wastewater.

Mechanical Engineering
机械工程

JOB PROSPECTS

This Master's program prepares students for careers as industry professionals, providing a multidisciplinary foundation in laser material processing, industrial robots, optoelectronic devices, digital factories, and intelligent manufacturing systems. Graduates will be equipped to solve real-world engineering challenges, manage mechanical engineering projects, drive technological innovation, and lead or establish enterprises to contribute to economic and social development.

PROFILE

The College of Mechanical and Electrical Engineering at Wenzhou University, established in 1985 as the Mechanical Teaching and Research Department, became the College of Mechanical Engineering in 2000 and adopted its current name in 2006.It offers a master's degree in mechanical engineering and a professional master's degree in mechanics. In 2016, it was designated as a Class B first-class discipline in Zhejiang Province's 13th Five-Year Plan and again in 2023 under the 14th Five-Year Plan. In 2022, it received a B+ rating from the Times Higher Education Subject Ranking, and its engineering discipline entered the top 1% globally in the ESI ranking, marking it as one of the university's key disciplines.
The college has 134 faculty members, including 102 full-time teachers. Among these, 17 hold senior professional titles, and 34 are associate seniors, with senior title holders accounting for 51.5% of the full-time faculty. 93.1% of full-time teachers have doctoral degrees, and 45% have overseas study or work experience. The college has overseen 60 national-level scientific research projects, including 4 key projects (such as the National Natural Science Foundation of China Joint Fund Key Project, the Intergovernmental International Science and Technology Cooperation Key Special Project and the National 863 High-Tech Development Program). It has received more than 10 provincial and ministerial scientific and technological awards(ranked 1st), including a China Patent Gold Award and 3 first-class provincial awards.
The college collaborates extensively with leading universities and research institutions in the USA, Russia, South Korea, Singapore, and other countries, particularly in areas aligned with Wenzhou's National Independent Innovation Demonstration Zone and the China (Wenzhou) Laser and Photoelectric Industry Cluster. It features national and provincial-level research platforms, including a national international science and technology cooperation base and several Wenzhou city research platforms. Key innovation teams focus on manufacturing systems, automation engineering, laser processing, and optoelectronic devices.

Core courses

(1)Mechanical Manufacturing and Automation
Production System Control and Optimization, Collaborative Operation and Scheduling of Industrial Robots, Automated Production Lines and Intelligent Equipment, and Detection and Regulation of Surface Quality in Mechanical Processing.
(2)Mechatronic Engineering
The main courses include Equipment Intelligentization Technology, Design and Control of Electromechanical-Hydraulic Systems, MEMS and Micro-Nano Sensing Detection, and Condition Monitoring and Fault Diagnosis Technology.
(3)Mechanical Design and Theory
The main courses include Robotic Mechanism Theory, High-End Agricultural Equipment, Digital Product Modeling and Simulation Optimization, and Strength and Lifespan of Mechanical Components.
(4)Vehicle Engineering
The main courses include Vehicle Design Theory and Methods, Lightweight Design of Automobiles and Components, Vehicle Vibration and Noise Measurement and Control Technology, and New Energy Vehicle Drive and Control Technology.
(5)Industrial Engineering
Intelligent Manufacturing Systems Engineering, Production Systems Engineering, Supply Chain and Logistics Engineering, Quality and Reliability Engineering, and Service-Oriented Manufacturing Technology.
(6)Laser Processing Technology
The main courses include Temporal and Spatial Characteristics of Laser Beams and Detection Regulation, Ultra-Strong, Ultra-Fast, and Ultra-Short Laser Precision Micro-Nano Processing New Technologies, Laser-Material Interaction Based on Composite Energy Fields, and Intelligent Laser Processing Equipment Configuration and System Integration.

Electrical Engineering

PROFILE

Electrical engineering represents the national level master's sections, "12th Five-Year Plan" key disciplines in Zhejiang Province, the first-class disciplines of "13th Five-Year Plan", key development disciplines in Wenzhou University, electrical engineering and automation majors for the national first-class undergraduate professional construction pilot and passes through the Ministry of Education engineering education professional certification.

Three distinct discipline directions:

(1) Power electronics and power transmission: special power technology and application, power electronics testing technology, green power conversion and control technology.

(2) Electric motors and electrical appliances: electrical theory and intelligent electrical technology, new photo-electronic light sources and devices, motor transmission and control.

(3) Electrical theory and new technology: photo-electronic functional devices and digital detection technology, electronic devices and circuit design, photo-electronic intelligent detection technology.

It owns more than 60 teachers including Chinese contemporary inventors, the national 100 million talent project, Zhejiang Province block economic transformation and upgrading experts, with key scientific and technological innovation team of Zhejiang Smart Grid low-voltage electrical technology, innovation team of Zhejiang Province coastal engineering special power technology. It is built with 13 national, provincial, and municipal scientific and technological innovation platforms including electrical digital design technology national joint local engineering laboratory, low-voltage electrical technology innovation service platform at Wenzhou, in Zhejiang province. In the past 5 years, it has won once the second prize from the National Science and Technology Progress Award, once the first prize and once the second prize from the Ministry of Education's Science and Technology Progress Award, once Chinese Patent Prize, twice the second prizes from Zhejiang Province's Science and Technology Progress Award, and special award for 10th Invention and Entrepreneurship Award. Senior engineers of State Grid (Electric Power System) are engaged in the operation and maintenance of the power grid, development design and testing High-power special power supply field, industrial electrical design and manufacturing field, electronics, and control field, photo-electronic testing field of senior engineers, and are also engaged in research and development, design, manufacturing, testing and other work. Senior engineers in the field of photovoltaic power generation and wind power generation are engaged in development, design, testing, operation, and maintenance.

JOB PROSPECT

Senior engineers of State Grid (Electric Power System) are engaged in the operation and maintenance of the power grid, development design and testing High-power special power supply field, industrial electrical design and manufacturing field, electronics, and control field, photo-electronic testing field of senior engineers, and are also engaged in research and development, design, manufacturing, testing and other work. Senior engineers in the field of photovoltaic power generation and wind power generation are engaged in development, design, testing, operation, and maintenance.

CORE COURSES

Numerical Analysis

Numerical Analysis provides graduate students with basic numerical computation methods on the one hand, but also focuses on the latest developments in computing technology, such as artificial intelligence and big data science, etc. In this course, students will learn techniques such as solving systems of linear algebraic equations, function interpolation, function approximation and fitting, numerical integration and differentiation, numerical solution of nonlinear equations and systems of equations, solving matrix eigenvalue problems, and ordinary differential equations numerical solutions, and other techniques. The software platform we use is Mathematica, and students will learn basic programming methods. Most students will get good hands-on programming experience and an understanding of basic theoretical computational methods, and this class also helps students to broaden their horizons of cutting-edge computational techniques. The textbooks we use are self-published and will be selected from well-known domestic and international textbooks, from which we will learn from the best in order to adapt to the learning abilities and needs of our students.Reference books include: Elements of Numerical Analysis with Mathematica by John Loustau， Computational Physics: Problem Solving with Computers by Rubin H. Landau, Manuel J. Páez, and Cristian C. Bordeianu

Smart Electric Apparatus and Control

This course is mainly focus on the principles and applications of smart electrical apparatus, including the basic concepts of smart apparatus (Circuit breakers, electric contactors, relays, UPS, etc.), the functions, the systematic design, and the smart control methods. The course is divided into 8 parts. In part 1, the basic concepts of smart apparatus and the applications are introduced. In part 2, the basic classification, functions and control methods of primary equipment of smart apparatus are discussed. In part 3, design, smart sensing and control of electric apparatus are demonstrated. Applications of finite element method will be discussed to show how electromagnetic devices can be designed and optimized via advanced numerical methods. Also, different smart control methods are demonstrated to show the procedures of controller design to optimize the dynamic performance of different circuit breakers and electromagnetic devices. Advanced sensing methods and principles will also be discussed to help students to complete the design and control loops of smart apparatus. In part 4, principles of electromagnetic compatibility (EMC) and electromagnetic interference (EMI) will be discussed. Testing, standards, and testing procedures of EMC and EMI will be demonstrated.

New Energy Technologies

Designed for postgraduates, this course makes an introduction to emerging energy technologies, aiming at providing students with a scientific understanding of new energy generation technologies in response to climate hange and energy crisis. This course first focuses on the fundamental processes of generating energy and storing energy in these new technologies,-involving solar energy, hydrogen energy, ocean energy, biomass energy, wind energy and geothermal energy. It manages to make students comprehend the characteristics of these technologies. Based on the fundamental comprehension, it brings latest published research achievement to share and discuss with students, and further to encourage students to develop new ideas.

Modern Control Systems

Modern Control Systems is the course designed for the graduate students of Electrical engineering specialty. The purpose of this course is to let students understand and grasp the knowledge of the control theories from classical to modern control, and the current developments in modern control system. Students should have the basic knowledge of higher mathematics and the ability of independent development.

Switch Power Supply

This course is an introduction to switching converters for graduate students in Electrical Engineering, including the principles of steady-state converter analysis, circuit modeling for losses, circuit manipulations, magnetics theory and inductor design. Students are expected to acquire the following outcomes: the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics; the ability to acquire and apply new knowledge as needed, using appropriate learning strategies; the ability to communicate effectively with a range of audiences. The fundamentals of circuits and electronics are prerequisites for this course.

Computer Science and Technology

PROFILE

The MSc program in Computer Science and Technology is designed to provide a comprehensive understanding of core disciplines, including Computer Architecture, Software Development, and Application Technology. Through a blend of theoretical learning and practical training, students develop a robust foundation in computer science while exploring cutting-edge advancements in artificial intelligence, data mining, cryptography, and medical imaging.

The program emphasizes fostering innovative thinking, rigorous scientific approaches, and strong engineering skills. Students are prepared to undertake complex research initiatives and lead the implementation of advanced technologies in various fields such as intelligent systems, cloud computing, and visual processing.

With a duration of three years, this program ensures graduates possess a solid academic foundation, outstanding problem-solving abilities, and the adaptability required for leadership roles in both academic and industrial sectors. A minimum proficiency in Chinese (HSK Level 3) is required for graduation, emphasizing the global and culturally enriched learning experience.

JOB PROSPECTS

Graduates of the MSc in Computer Science and Technology are equipped for dynamic careers in academia, research, and industry. They can excel as innovators in artificial intelligence, data mining, cloud computing, and cybersecurity. Opportunities include roles in intelligent transportation, medical imaging, robotics, and virtual reality. With the strong theoretical foundation and practical expertise, graduates are also prepared to lead complex engineering projects and drive technological advancements in emerging fields, making the program highly sought-after professionals in the global job market.

CORE COURSES

I. Mathematics in Computer

This course bridges core mathematical principles with their critical applications in computer science. Students will develop rigorous analytical skills to solve computational problems, design algorithms, and understand the theoretical foundations of modern computing systems. The curriculum emphasizes mathematical tools essential for fields like cryptography, machine learning, and computer graphics.

Key Topics

1.Discrete Mathematics
2.Linear Algebra & Calculus
3.Probability & Statistics
4.Computational Theory

II. Artificial Intelligence and Principles

This course explores the foundational theories, methodologies, and ethical frameworks of artificial intelligence (AI). Students will examine how machines simulate human intelligence, solve complex problems, and interact with the physical world. The curriculum balances technical rigor with philosophical inquiry, addressing both the capabilities and societal implications of AI systems.

Key Topics

1.Foundations of AI
2.Core AI Techniques
3.Ethics & Societal Impact
4.Tools & Frameworks

III. Deep Learning

This course dives into the theory, design, and applications of deep neural networks, the driving force behind modern AI breakthroughs. Students will learn to build, train, and deploy state-of-the-art models for tasks like image recognition, natural language processing, and autonomous decision-making. The curriculum emphasizes both foundational mathematics and hands-on implementation, bridging cutting-edge research with real-world problem-solving.

Key Topics

1.Neural Network Foundations
2.Advanced Architectures
3.Tools & Frameworks
4.Applications & Ethics

Music

音乐硕士

PROFILE

This major draws on the rich cultural heritage of China's Yangtze River Delta region and promotes the spirit of Wenzhou University's motto, "Seek truth and be a pioneer." Adhering to the development philosophy of "independence, openness, classification, stratification, and collaborative innovation," the program aims to cultivate high-level applied professional talents adaptable to the international development of the music industry, with a goal of achieving a broad liberal arts education and exceptional artistic skills.

Specializations include: Vocal Performance; Instrumental Performance; Piano Performance; Choral Conducting.

The typical duration of study is 3 years, with a total of 50 credits required for professional degree courses and practical components. Students who complete their coursework, earn the required credits, achieve satisfactory professional assessment results, and pass their thesis defense will, upon review and approval by the Wenzhou University Degree Committee, be conferred the Master of Arts degree. They will be awarded the Master of Arts degree certificate and the graduation certificate.

JOB PROSPECTS

This program offers cutting-edge knowledge in music performance and has designed a curriculum based on the training objectives for international music performance talents. Through the study of the courses, students will not only master the skills of music performance but also broaden their international cultural horizons and improve their proficiency in Chinese and English, equipping them with the necessary competencies to compete in the global talent market. Upon graduation, students can pursue careers as professional performers in artistic troupes, full-time music teachers in primary and secondary schools and educational institutions, or cultural officers in large international corporations.

CORE COURSES

Vocal Performance

Vocal Performance integrates knowledge, skills, artistry, and practice, and studies vocal works from different periods, styles, and countries. It plays a significant role in improving students' comprehensive quality in vocal performance and developing their musical performance talents. This course is an important component of the Master of Music program curriculum.

Instrumental Performance

Instrumental Performance is a course that studies a variety of instruments including the guzheng (Chinese zither), pipa (Chinese lute), erhu (Chinese violin), suona (Chinese horn), clarinet, violin, and cello. Through these studies, students gain an understanding of instrumental performance techniques and enhance their stage presence. This course plays a significant role in improving students' comprehensive quality in instrumental performance and developing their musical talents. It is an important component of the Master of Music program curriculum.

Piano Performance

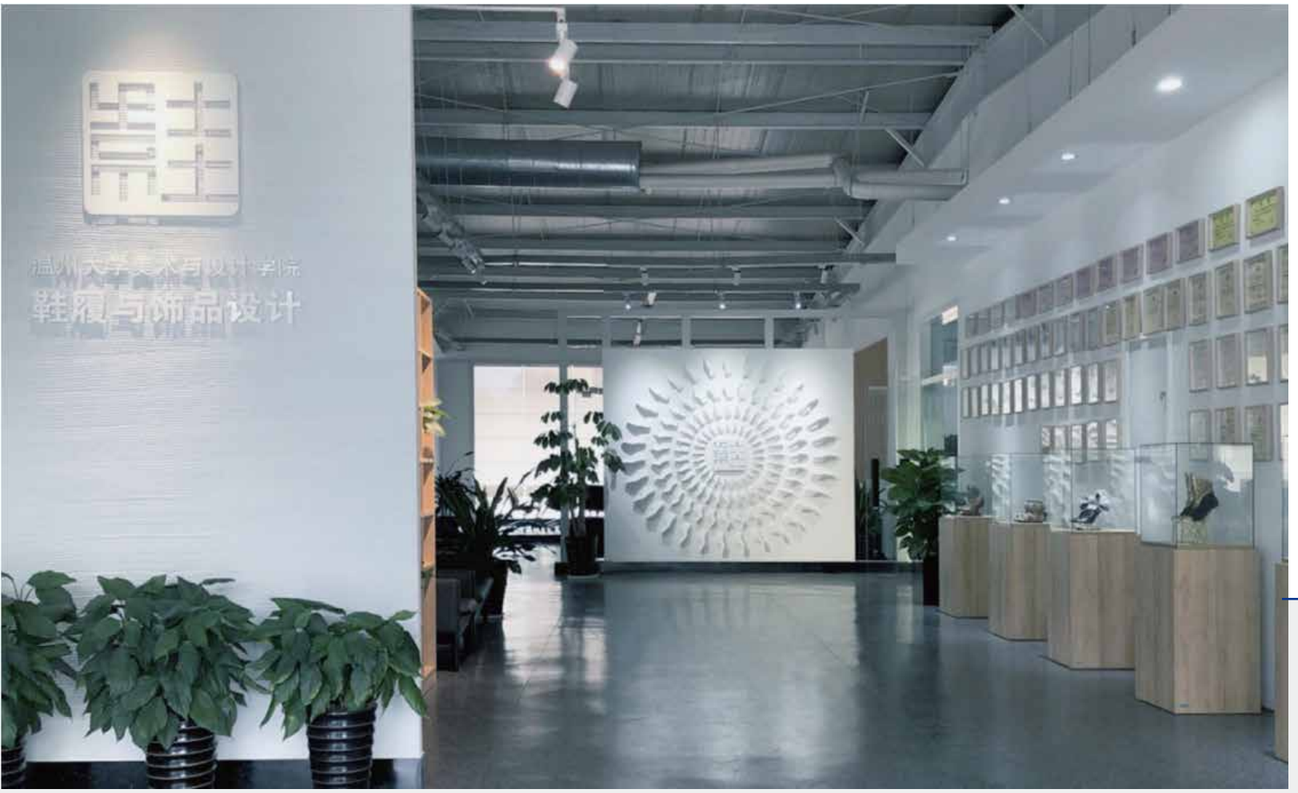
Instrumental Performance is a course that studies a variety of instruments including the guzheng (Chinese zither), pipa (Chinese lute), erhu (Chinese violin), suona (Chinese horn), clarinet, violin, and cello. Through these studies, students gain an understanding of instrumental performance techniques and enhance their stage presence. This course plays a significant role in improving students' comprehensive quality in instrumental performance and developing their musical talents. It is an important component of the Master of Music program curriculum.

Other Course

Form and Musical Analysis
Classic Music Works Study
Chamber Music Rehearsal
Music Bibliography
Academic Frontier Topics
Intercultural Communication Theory and Practice
Degree Recital
Artistic Practice

Chorus and Conducting

Choral and Conducting focuses on the theory and practice of choral singing and conducting and is a required course for the Master of Music program. This course is built on the foundation of extensive student participation in choral. Through the teaching of basic conducting theories, fundamental skills, and analysis of choral music, students learn to design different gestures for various time signatures in different choral works and understand the general rules and basic methods of choral training. This course is beneficial for students to understand, experience, and express music in the dual roles of musicians and conductors. It plays a significant role in developing students' musical talents, fostering cooperative and coordination skills, and enhancing their musical performance and teaching abilities.



Design
设计

PROFILE

Professional Overview

This program provides you knowledge about world cultures and societies, a treasured skill by employers worldwide that search for experts that can successfully analyze world economy and international business administration. This program also qualifies you for more prestigious job opportunities such as the role of an talents in economics field. You can even get into teaching at schools, get involved in research work, or even jobs in governments and multinational

Job Prospect

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Core Courses

Design methodology
This course provides students with a relatively systematic and comprehensive background and cognitive system of the development of design methodologies. It contains the systematic analysis of design methodologies in different periods of the design development process, combining the comparison of Chinese and foreign design methodologies. Also, it introduces the methodological contents of other related disciplines.

Design Management and Practice
This course enables students to systematically master the basic processes and laws of design project operation through specific case operations. It helps the student to understand the design project management procedures, improve the ability to control the design process and express design plans while enhancing their professional practice and teamwork collaboration abilities.

History and Theory of Design
This course takes the classic theories and contemporary design theories in the design development process as clues to focus on the core topics of design ontology and related fields. It analyzes the relationship between design history, design aesthetics, design theory and design practice, exploring the new concepts and new ideas of design development in the new era.

OTHER COURSES

1.Professional The sis Writing
2.Digital Design
3.Materials and Structural Design
4.Clothing Culture and Design Applications
5.Research on Shoe Product Positioning and Design

CORE COURSES

①."History and Theory of Design" - 2 credits / 32 hours
②."Design Methodology" - 2 credits / 32 hours
③."Professional Thesis Writing" - 2 credits / 32 hours
④."Digital Design" - 3 credits / 48 hours
⑤. "Materials and Structural Design" - 3 credits / 48 hours
⑥. "Design Management and Practice I" - 4 credits / 64 hours
⑦."Design Management and Practice II" - 4 credits / 64 hours

Master of International Chinese Language

国际中文教育

PROFILE

We are committed to cultivating high-level, applied and dedicated professionals who can adapt to the international promotion of Chinese language and the spread of Chinese culture to the outside world in the new era; professionals that are also competent in a variety of teaching tasks. Degree holders should have high quality teaching skills, proficient Chinese as a second language, good cultural communication skills and cross-cultural communication skills. Through the perfect curriculum system, high-quality teaching content, unique research direction and diversified practice links, this major comprehensively cultivates students' awareness of the international dissemination of Chinese, as well as expanding students' knowledge of Chinese language and culture. It also promotes students' skills in teaching Chinese as a second language and improving their intercultural communication ability.

DURATION

3 years

EDUCATION OBJECTIVES

The Master's Degree of International Chinese Education is a professional degree that combines the teachings of international Chinese teachers. The main purpose is to cultivate the Chinese language skills, teaching skills and cultural and cross-cultural communication skills of high-level, internationalized and localized professionals who speak proficient Chinese as a second language. This will enable them to be competent in a variety of teaching tasks, as well as possessing the ability to adapt to international Chinese education work.

JOB PROSPECTS

Volunteer teachers of Chinese as a foreign language, Chinese teachers in international schools, working in cultural exchanges in relevant departments, schools, press and publishing, working in cultural management and enterprises, working at institutions in China and abroad.

PRACTICAL TEACHING

Teaching Assistants, Classroom Observation, Microteaching, Field

CORE COURSES

International Dissemination of Chinese Culture

Instructor Wenwen KAN

Course Description

This course aims to explore the forms of Chinese cultural communication. The students will study the strategies of international communication in Chinese culture within the wider concept of globalization. They will analyze the historical experiences and teachings of international communication within Chinese culture,combined with the rules of international language and culture communication. This will enhance their capacity of considering the implications and goals, the means and methods, the issues, the solutions, and the mechanisms associated to international communication within Chinese culture. The relationship between communication and Chinese cultural diplomacy, cultural industry and its economic model will also be discussed throughout the course

Observation and Practice of Chinese Skills Teaching

Instructor Juanman ZHENG

Course Description

In terms of teaching and learning, modern Chinese for the major of TCSL differs significanlty from that of the Chinese undergraduate program due to variances in these two professional discipline systems and the required professional qualities for each.It has brought forward various demands for the teachers and the students. The students in this class are getting ready to continue with the modern Chinese course for the TCSL Major. It accomplishes this through addressing teaching objectives, providing courses with excellent material, highlighting the importance of respect when teaching , teaching techniques, grading, and other factors.

Introduction to Intercultural Communication

Instructor Weijia MIU

Course Description

It seeks to aid students in comprehending cultural variety, enhancing cultural awareness, developing multicultural awareness, cultivating the capacity for critical thinking, mastering the skills of intercultural communication, and laying a firm foundation for students to achieve successful idea exchange and cultural communication in a cross-cultural context.

Second Language Acquisition Research

Instructor Yuxiang WANG

Course Description

This course's objectives are to examine various approches and theories of second language acquisition, to present students with a more complete and balanced theoretical pattern of second languange acquisition, and to assist students in developing the ability to use the pertinent theories of second language acquisition, linguistics, pyscholingustics, and sociolinguistics.The students will study language learning problems, improve the ability to use second language acquisition methods so as to solve problems in teaching Chinese as a foreign language, lay a good theoretical foundation for writing graduation thesis, and cultivate scientific research literacy for professional development.

Oversea Chinese Studies

华侨华人学

PROFILE

The interdisciplinary degree in Overseas Chinese Studies at Wenzhou University leverages its master's degree programs in Chinese History,Education, Applied Economics, Law, and Computer Science and Technology. It offers four research directions: Overseas Chinese History,Chinese Language Education, Overseas Chinese Economy, and the Protection of Overseas Chinese Rights and Interests. The program also plans to utilize computer science and technology for interdisciplinary integration, undertaking projects such as developing and constructing an Overseas Chinese database and big data research related to Overseas Chinese affairs. In the future, it aims to broaden its interdisciplinary scope by incorporating fields like Environmental Ecology, Architecture, and Aesthetics into Overseas Chinese Studies.

JOB PROSPECTS

The graduates of the Overseas Chinese Studies program primarily find employment opportunities in various fields, reflecting the interdisciplinary nature of their education. Key employment directions include:

1. Foreign-related departments such as Overseas Chinese Affairs Offices, Immigration Bureaus, Consular Departments of Ministries of Foreign Affairs, and Immigration and Exit-Entry Administration Departments;
2. International organizations (featuring a multicultural and multilingual background, familiar with Chinese immigrant communities – a new generation of Chinese descent);
3. Professional talent in Overseas Chinese studies, aiming for further doctoral studies;
4. Engaging in entrepreneurship in global fields related to Overseas Chinese, including law, economics, technology, and culture.

CORE COURSES

• 《华侨华人学概论》

Introduction to Overseas Chinese Studies

This course focuses on students' overall perception and understanding of the subject of Overseas Chinese Studies, their understanding of the basic concepts of Overseas Chinese Studies, their understanding of the research objects and content of Overseas Chinese Studies, the cultivation of multi-disciplinary learning and thinking, the cultivation of observation skills, and the cultivation of communication and expression skills.

• 《华侨华人研究方法》

Research Methods for Overseas Chinese and Chinese

This course comprehensively and systematically introduces students to the basic principles, methods and practical techniques of overseas Chinese research methods, including how to design and implement a research plan, how to write a standardized research plan, and how to write a research report.

• 《华侨华人史》

History of Overseas Chinese and Chinese People

By introducing the general history of overseas Chinese and various special topics, the course enables students to become more familiar with the historical development of overseas Chinese, understand the various sectors of overseas Chinese history research, as well as academic trends and hot issues, and inspire students' interest in studying the history of overseas Chinese by guiding students' own special research.

Entrepreneurship Education
创业教育

PROFILE

The Master's degree program in Entrepreneurship Education, administered by College of Innovation and Entrepreneurship Wenzhou University, is designed to cultivate interdisciplinary entrepreneurial talents equipped with a broad international perspective, a solid knowledge foundation, and practical skills for initiating and managing businesses. This program fosters a sharp business acumen to navigate complex business environments both domestically and internationally. Rooted in the regional economy of Wenzhou, it seamlessly integrates global business resources from the Wenzhounese community, placing a significant emphasis on experiential learning through hands-on business initiation and operation.

In the realm of business education and management, students receive guidance from mentors within and outside the university. All courses are conducted in English, utilizing original English textbooks, handouts, and handbooks. This ensures a comprehensive and authentic learning experience in the field of entrepreneurship.

JOB PROSPECT

Upon successful completion of this program, students will be well-prepared to tackle real-world business scenarios. They have the option to pursue careers as professionals in accounting firms, law firms, stock companies, or consultancies. Alternatively, they may choose to contribute to the field of entrepreneurship education by joining the faculty of higher education institutions.Chinese, including law, economics, technology, and culture.

PRACTICAL TEACHING

The program places significant emphasis on fostering the practical abilities of students.The practical teaching process is facilitated through the utilization of Wenzhou University Innovation Space (at the national level), and over 60 off-campus entrepreneurship practice platforms. Students will have the opportunities to systematically engage in the complete operational process of entrepreneurial projects, allowing them to master the core operational aspects.

Entrepreneurship Theory and Practice

Entrepreneurship in Education provides an understanding of the nature of entrepreneurship related to public/private/for profit and non-profit educational and social organizations. The course focuses on issues of management, strategies and financing of early stage entrepreneurial ventures, and on entrepreneurship in established educational organizations. Students will learn the fundamentals of business plan design and development.

Marketing for Entrepreneurs

Marketing for Entrepreneurs addresses how to design and implement the best combination of marketing efforts to carry out a firm's strategy in its target markets. Specifically, this course seeks to develop the student's (1) understanding of how the enterprise can benefit by creating and delivering value to its customers and stakeholders, and (2) skills in applying the analytical concepts and tools of marketing to such decisions as segmentation and targeting, branding, pricing, distribution, and promotion.

Technology Strategy

Technology Strategy is designed to meet the needs of future managers, entrepreneurs, consultants and investors who must analyze and develop business strategies in technology-based industries. The emphasis is on learning conceptual models and frameworks to help navigate the complexity and dynamism in such industries. This is not a course in new product development or in using technology to improve business processes and offerings. The class will take a perspective of both established and emerging firms competing through technological innovations, and study the key strategic drivers of value creation and appropriation in the context of business ecosystems.

温州大學
WENZHOU UNIVERSITY

Doctoral Program

Chemistry

Chemistry
化学

Profile

The scientific research strength of chemistry discipline is strong. The basic research advantages are remarkable in the direction of nano-carbon and carbon energy chemistry. And the application research characteristics are distinctive in the aspect of degradable materials and high-end ink, functional polymers and photoelectric materials and devices. In recent five years, the discipline team published more than 1,000 high-quality papers on Nature Sustainability, Nature Catalysis, Nature Communications, Science Advances, Journal of the American Chemical Society and Angewandte Chemie International Edition, among which more than 50 papers are highly cited and hot and a single paper has been cited for more than 2,000 times.

Job Prospect

1.Academic Employment

PhD graduates in Chemistry have a wide range of employment opportunities in academic institutions such as universities, research institutions, and laboratories. They can become independent researchers or professors, engaged in basic research, applied research, and teaching work. Working in the academic community, PhD graduates in chemistry can continue to delve deeper into their fields of interest and cultivate the next generation of scientists.

2. Employment in The Industrial Sector

PhD graduates in chemistry also have a wide range of employment opportunities in the industry. They can engage in research and development, production, and management work in industries such as pharmaceuticals, chemicals, energy, and materials. PhD graduates in chemistry from pharmaceutical companies can participate in new drug development and drug quality control work; In the chemical industry, they can engage in new product development and process optimization work.

CORE COURSES

Frontier of Modern Chemistry

This course is a comprehensive knowledge of professional which is about Chemistry. The latest research progress of chemical disciplines at all levels are introduced in the form of lectures, including electrochemical and electroanalytical chemistry, catalysis technology, the greenization of the production of fine chemicals, functional complexes, the synthesis and activity of pharmaceutical intermediates, nano science and technology and so on. The creation of this course is designed to expand students' knowledge, to make them understand the dynamics of today's cutting-edge of chemistry and the development of technology, to stimulate students' interests in learning, to cultivate students' ability of innovative thinking, and to lay the foundation for future scientific research in chemical and chemical production.

Modern Analytical Techniques

Modern Analytical Techniques is a required course for chemistry majors, and it is an important part of analytical chemistry. "Modern Analytical Techniques" mainly describes the analytical methods, principles, testing techniques and spectrum analysis techniques of some specific substances, such as High Performance Liquid Chromatography (HPLC), Diffraction of X-rays (XRD), X-ray photoelectron spectroscopy (XPS), Scanning Electron Microscope (SEM), Transmission Electron Microscope (TEM), Fluorescence Spectrum (FS), Nuclear Magnetic Resonance Spectrum (NMR) and Mass Spectrum (MS).