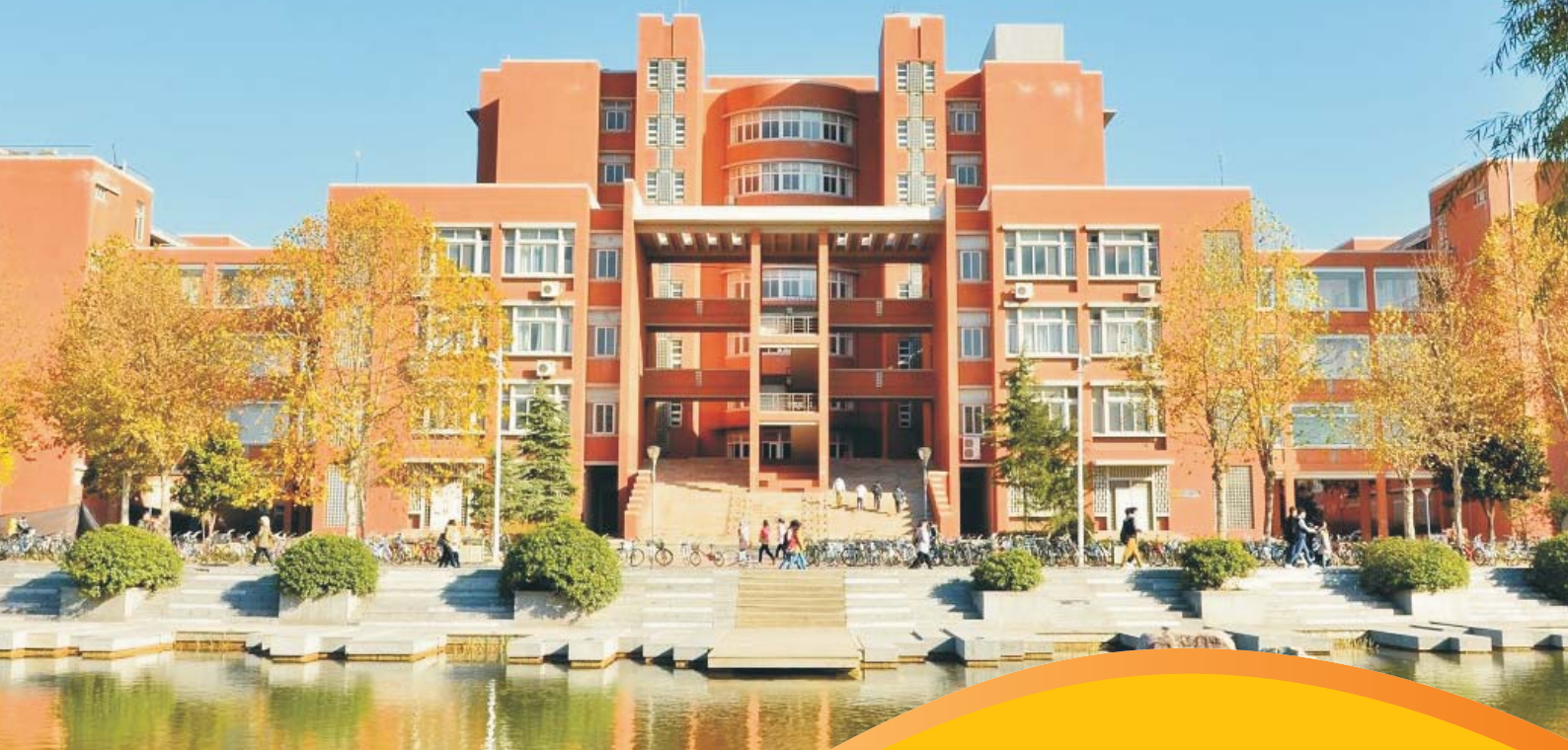




郑州大学

DOCTORAL PROGRAM

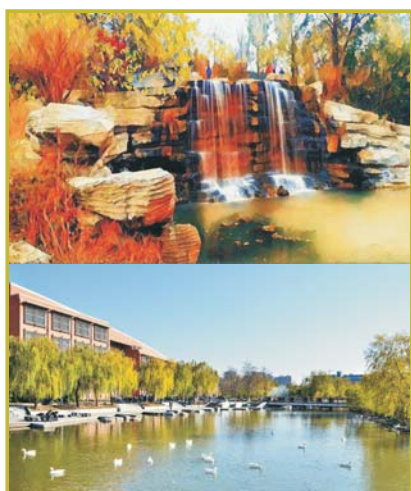
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Brief Introduction of ZZU

Founded in 1928, Zhengzhou University is the largest university in China with 46 schools offering 110 bachelor, 256 master and 127 doctor programs for 72,000 students, including 15,000 postgraduate and 1,800 international students, and nine affiliated teaching hospitals with 20,000 beds. There are 24 members of Chinese Academy of Sciences or Chinese Academy of Engineering, 2500 professors, and other 2,000 academic members working in Zhengzhou University.



Zhengzhou university is a top university and a member of “World-class University” Project in China. The discipline of chemistry, material science, clinical medicine, engineering, pharmacology & toxicology, and biology & biochemistry has ranked top 1%; and the discipline of chemistry and clinical medicine has ranked top 3% in the global Essential Science Indicator(ESI). Zhengzhou University has obtained 228 projects of National Natural Science Fund, ranked 33 in China in 2018. Zhengzhou University has established various collaborations with 205 universities in 60 countries or regions.



The President Scholarship

- **Coverage & Duration**

The President Scholarship offers full scholarship for doctor candidate, which covers tuition, accommodation, and living allowance. It is renewable upon the annual review result. The duration of scholarship varies from 3 to 4 years according to the duration of the full-time doctor program.



- **Program & Medium of Instruction**

There are 127 doctor programs in 24 schools of Zhengzhou university sponsored by the scholarship. All programs can be instructed either in Chinese or in English. The actual use of instruction language is up to the supervisor. For detailed information of each program and scholarship, please visit : <http://international.zzu.edu.cn>.



- **Eligibility**

Non-Chinese citizen, healthy, without any crime records, aged less than 45 years old; with excellent academic record of master, potentially to be a highly specialized researcher, engineer or professional; For program taught in Chinese, HSK level 5 scored over 210 (Applicants with HSK Level 4 can apply for the preparatory program); For EMI programs, IELTS over 6.5 or equivalent, or previous degree study taught in English.



DOCTORAL PROGRAM

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The President Scholarship

● Application

Applicant can apply all year round , while the intake only in Spring and Fall . Applicants should submit their application online (<https://zzu.17gz.org>), and the paper based documents should be sent to us by mail. The application will be assessed by Scholarship Committee, and the result will be announced online.

Application documents include:

- 1. The Photocopy of Passport (Pages with photo and address).
- 2. The Bachelor and Master Certificate(Certified copy) .
- 3. The Transcripts of Bachelor and Master Study(Issued by the University).
- 4. Two Letters of Recommendation from Professors(Original,with contact information).
- 5. The Research Proposal (No less than 2000 words, include the background, the objectives and the methodology or approach you propose to take in studying the subject matter) .
- 6. The Valid Report of Language Proficiency Tests(Original, valid for two years) .
- 7. The Physical Examination Report (Valid only for six months).
- 8. The Certificate of Non-criminal Record (Valid only for six months).
- 9. Other Documents.



Doctoral Program

Medical Program

School	Subject	Field
School of Clinical Medicine	Clinical Medicine	Internal Medicine
		Pediatrics
		Surgery
		Neurology
		Imaging and Nuclear Medicine
		Reproductive Medicine
		Obstetrics and Gynecology
		Otolaryngology
		Oncology
	Clinical Stomatology	
School of Basic Medicine	Basic Medicine	Human Anatomy and Histology & Embryology
		Immunology
		Pathogenic Biology
		Pathology and Pathophysiology
		Forensic Medicine
		Medical Neurobiology
		Molecular Pharmacology
College of Public Health	Public Health	Epidemiology and Health Statistics
		Occupational and Environmental Health
		Nutrition and Food Hygiene
School of Nursing	Nursing	Clinical Nursing
		Nursing Management
School of Pharmaceutical Science	Chemistry	Medicinal Chemistry
	Pharmacy	Pharmaceutics
		Pharmacology
		Pharmaceutical Analysis
		Microbiology and Biotechnology Pharmacology

Science & Engineering Program

School	Subject	Field
School of Mathematics and Statistics	Applied Mathematics	Mathematics in Material Science
		Boundary Value Problem
		Bifurcation theory
	Probability & Statistics	Stochastic Hybrid Systems
		Stochastic Complex Network
School of Physical Engineering	Physics	Optics
		Theoretical Physics
		Particle Physics and Nuclear Physics
		Condensed Matter Physics
	Material Science and Engineering	Materials Physics and Chemistry
School of Chemistry and Molecular Engineering	Chemistry	Organic Chemistry
		Inorganic Chemistry
		Analytical Chemistry
		Applied Chemistry
		Physical Chemistry
		Industrial Catalysis
School of Chemical Engineering and Energy	Chemical Engineering & Technology	Chemical Engineering
		Chemical Processing
		Biochemical Engineering
		Applied Chemistry
		Industrial Catalysis
	Medicinal Chemistry	Pharmaceutical Engineering
	Chemical Process Machinery	Chemical Process Machinery
	Power Engineering and Engineering Thermophysics	Chemical Engineering Machinery
		Thermal Power Engineering
		Energy and Environmental Engineering
School of Life Science	Bioinformatics	Epigenomics & Erythropoiesis
		Proteomics and Bioengineered Drugs

Science & Engineering Program

School	Subject	Field
School of Life Science	Biology	Cell Biology
		Biochemistry and Molecular Biology
		Biodiversity Science in Animal Ecology
		Bio-information and Gene-based Diagnosis
School of Material Science & Engineering	Chemistry & Physics of Polymers	Chemistry & Physics of Polymers
	Materials Science & Engineering	Polymer Processing
		Advanced Metal Materials and Processing
		New Energy Materials and Devices
		Inorganic Materials
		High Performance and Functional Polymer
		Biomass Resources and Materials
National Research Center for Advanced Polymer Processing Technology	Materials Science and Engineering	Polymer Materials Processing Numerical Simulation,
		Polymer Processing, Carbon Fiber Reinforced Thermoplastics
		Polymer Process Simulation
		Physics, Modification and Processing of Biodegradable Polymers
School of Civil Engineering	Civil Engineering	Composite Building Material and Structural Properties
		Vibration and Stability of Bridge Structures
		Foundation Treatment and Foundation Pit Support Engineering
		Engineering Structure Analysis, Earthquake Resistance and Disaster Prevention and Mitigation
		Research on Disaster Prevention of Steel Structure and Composite Structure
		Design and Evaluation of Infrastructure Projects
		Engineering Materials and Structural Properties
		Foundation Deformation Theory and Control Technology
School of Mechanical Engineering	Mechanics	Aircraft Structure Safety Engineering
School of Mechanics and Engineering Science	Mechanics	Engineering Mechanics

Science & Engineering Program

School	Subject	Field
Institute of Control Science & Engineering	Control Science & Engineering	Key Theory & Technology
		Robot Nonlinear System Theory & Control
		Fault Diagnosis & Fault Tolerance Control
Institute of Intelligent Control Technology	Control Science & Engineering	Intelligence Control
Brain and Biological Electronic Information Research Institute	Control Science and Engineering	Research on Biological Information Detection & Coding Model
		Biological Signal Detection & Processing
School of Electric Engineering	Electric Engineering	Electricity Generation of New Energy and Intelligent Control
		Nonlinear Circuit Theory and Application
		Power System Analysis and Operation Control
Institute of Smart City	Software Engineering	High Efficiency Computer System and Computing + Key Technology
School of Information Engineering	Information and Communication Engineering	Signal Process in 5G-Communication, Embedded System
		Digital Signal Processing, Audiovisual Signal Processing, Pattern Recognition and Human-computer Interaction.
	Software Engineering	Automata Theory and Model Testing
		Data Mining and Machine Learning
		Virtual Reality
		Artificial Intelligence
		Automata Theory and Model Testing
School of Water Conservancy and Environment	Water Conservancy	Hydraulic Structure Engineering
		Hydraulic and Hydro-Power Engineering
		Water Conservancy Engineering
		Hydrology and Water Resources
		Water Conservancy Information Technology
		Safety and Protection Engineering
School of Management Science & Engineering	Management Science & Engineering	Industrial Engineering
		Information Management and Information System
		Technology & Innovation Management
		Services Science and Engineering

Arts & Social Science Program

School	Subject	Field
School of Business	Applied Economics	Quantitative Economics
		Airport Economy Management
		National Economics
		Industrial Economics
		Finance
School of Calligraphy	Fine Arts	Chinese Calligraphy
School of Education	Educational Economics and Management	International and Comparative Education
		Educational Sociology
		Educational Leadership
		Educational Administration
School of Foreign Languages	Foreign Languages Literature	Linguistics and Applied Linguistics (Foreign Languages)
		Translation
		Foreign Literature
		Comparative Literature
School of History	Archaeology	Cultural Relics Protection
		Chinese Archaeology of Xia, Shang and Zhou
		Chinese Archaeology of Han and Tang
		Chinese Archaeology of Song and Yuan
		Music Archaeology
	World History	History of Viet Nam
		History of Middle East
	Chinese History	History of Tang and Song
		History of Ming and Qing
		History of Ancient Chinese Ideology
		History of Ancient Science and Technology
		History of Modern Thoughts and Culture
		History of Particular Subjects
		School of Journalism and Communication
Journalism and Communication	Public Communication and New Media	
	Journalism	

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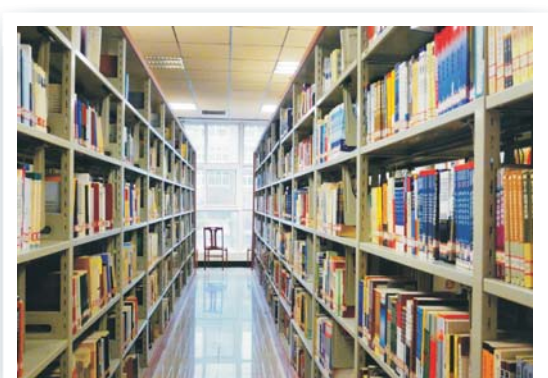
Arts & Social Science Program

School	Subject	Field
School of Journalism and Communication	Journalism and Communication	Communication
		Audio-visual Cultural Communication
School of Liberal Arts	Chinese Language Literature	Chinese Philology
		Chinese Classical Philology
		Theory of Literature and Art
		Linguistics and Applied Linguistics (Chinese)
School of Law	Constitutional & Administrative Law	Theories & Institutions of Public Law
		Fiscal Constitutionalism
		Land Use Law
		Theory of Law
	Criminal Law	Criminal Law
		Comparative Criminal Law
	Economic law	Intellectual Property and Anti-monopoly law
		Competition law
	International Law	International Law
		International Commercial Law
		Financial Law
	School of Marxism	Marxism
Sinicization of Marxism		
Education of Ideology and Politics		
School of Public Administration	Public Administration	Government Governance & Performance Measurement
		Public Safety and Crisis Management
		International Public Affairs & National Security
		Educational Economy and Management
		Urban Economics



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Zhengzhou University

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