



郑州大学

DOCTORAL PROGRAM

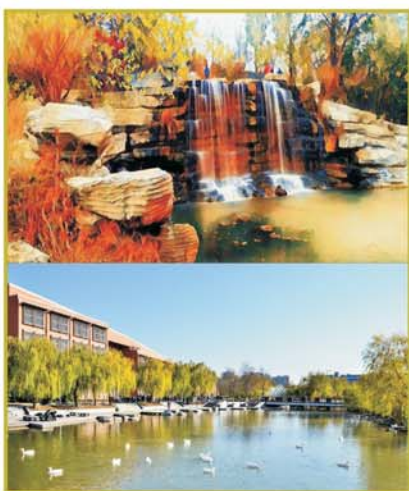
Sponsored by Full Scholarship





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, 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.



In China, Zhengzhou University ranked the 40th among 2800 higher education institutions. Four disciplines of chemistry, materials science, clinical medicine, and engineering have entered the top 1% in the Global Essential Science Indicator (ESI). In 2017, Zhengzhou University has obtained 216 projects of National Natural Science Fund, ranked the 34th; and 39 National Social Sciences and Humanities Fund projects, ranked the 7th in China. Zhengzhou University has established various collaborations with more than 200 universities from 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 in Chinese. Some programs can be instructed in English. For detailed information of 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;

Application

Applicant can apply all year round, while the intake only in March and October each year.

Application documents include: application form; certified diploma or certificate and transcript; research proposal; two reference letters; language proficiency test report; certificate of no criminal record.

Applicants should submit their application online (<http://apply.zzu.edu.cn>) and then post the paper based supporting documents to us.

The application will be assessed by Scholarship Committee; and the result will be announced online. Awardees can choose to register in March or September.

Doctoral Program



Medical Program

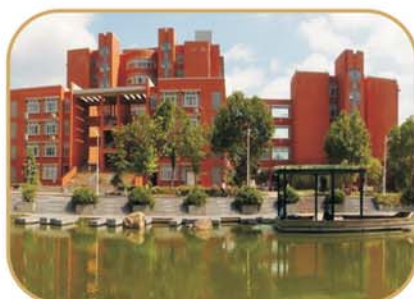
| School | Subject | Field |
|---|---------------------|---|
| School of Clinical Medicine | Clinical Medicine | Internal Medicine |
| | | Pediatrics |
| | | Surgery |
| | | Neurology |
| | | Imaging and Nuclear Medicine |
| | | Reproductive Medicine |
| | | Obstetrics and Gynecology |
| | | Otolaryngology |
| | | Oncology |
| | | Clinical Stomatology |
| School of Basic Medicine | Basic Medicine | Immunology |
| | | Pathogenic Biology |
| | | Pathology and Pathophysiology |
| | | Forensic Medicine |
| | | Human Anatomy, Histology & Embryology |
| | | Medical Neurobiology |
| 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 |
| Institute of Pharmacy | Medicinal chemistry | Design and synthesis of new drugs |
| | | Natural medicine research and development |
| | | Design, discovery, mechanism and development of tumor targeting drugs |
| | | Tumor targeted gene therapy |
| | | Molecular Pharmaceutics |
| Cardiovascular drug screening and cardiovascular pharmacology | | |

Science & Engineering Program

| School | Subject | Field |
|---|---------------------------------|--|
| School of Mathematics and Statistics | Mathematics | Basic Mathematics |
| | | Applied Mathematics |
| | | Computational Mathematics |
| | Statistics | Probability & Statistics |
| | | Operational Research & Control |
| School of Physical Engineering | Physics | Optics |
| | | Nuclear Biology |
| | | 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 |
| | | Medicinal & Chemistry |
| | | Industrial Catalysis |
| School of Chemistry Engineering and Energy | Chemical Engineering | Particle Science & Separation Engineering |
| | | Membrane Separation Technology |
| | | Chemical Thermodynamics & Green Chemical Technology |
| | | New Chemical Materials |
| | Chemical Technology | Green Processing & Use of Low Rank Mineral Resources |
| | | Reaction Engineering & Green Chemical Industry |
| | | Fine Organic Synthesis |
| | Biochemical Engineering | Development & Application of Biomass Energy Technology |
| | | Biotransformation of Biomass Resources |
| | | Biological Chemistry |
| | Applied Chemistry | Fine Chemicals Synthesis & Catalysis Technology |
| | | New Technology for Separation of Natural Products |
| | | Reaction & Functional Polymeric Materials |
| | Industrial Catalysis | In Situ Characterization Techniques |
| | | Catalytic & Polymer |
| | Pharmaceutical Engineering | Pharmaceutical Functional Materials Chemistry |
| | | Pharmaceutical Engineering Technology |
| | | New Pharmaceutical Technology |
| | Chemical Process Mechanism | The Key Technology of Process Equipment & System Energy Saving |
| | | Renewable Energy & Energy Saving Technology |
| Industrial Equipment Strengthening & CAE Technology | | |
| Advanced Process Equipment Technology | | |
| Equipment Diagnostics & Reliability Analysis | | |

Science & Engineering Program

| School | Subject | Field |
|--|---|--|
| School of Life Science | Bioinformatics | Immunity Information Technology and Epitope Screening |
| | | Systems Biology of Hematopoiesis |
| | | Stem Cells and Tissue Engineering |
| | | Ecological Bioinformatics |
| | | Peanut Molecular Biology and Exploration of Wild Germplasm Genetic Information Resources |
| | | Medical Bioinformatics |
| School of Material Engineering | Materials Processing Engineering | Materials Physics and Chemistry |
| | | Materialogy |
| | | Chemistry and Physics of 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 |
| 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 Information Engineering | Information and Communication Engineering | Intelligent Information Processing |
| | | Communication Signal Processing |
| | | Broadband Wireless Communication and Signal Processing |
| | Software Engineering | Automata Theory and Model Validation |
| | | Data Mining and Machine Learning |
| Institute of Smart City | Software Engineering | High Efficiency Computer System and Computing + key technology |
| 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 |



Arts & Social Science Program

| School | Subject | Field |
|--|--------------------------------------|--|
| Business School | Public Economic management | Airport industry management |
| | | Global supply chain and aviation logistics management |
| | | Economic management and public policy |
| School of Public Administration | Public Administration | Government Performance Evaluation |
| | | Social Security and Public Policy |
| | | Sustainable Development of Land Resources and Information Management |
| | | Public Safety and Crisis Management |
| School of Journalism and Communication | Communication | Public Communication |
| School of Calligraphy | Fine Arts | Chinese Calligraphy |
| School of Education | Educational Economics and Management | Comparative Education |
| | | Educational Management |
| 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 | | |
| School of Marxism | Marxism | Principles of Marxism |
| | | Sinicization of Marxism |
| | | Education of Ideology and Politics |
| School of Liberal Arts | Philology | Chinese Classical Philology |



Zhengzhou University

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