

REPUBLIC OF RWANDA



HIGHER EDUCATION COUNCIL
B.P 6311 KIGALI

PUBLIC ANNOUNCEMENT

CHINA - RWANDA GOVERNMENT SCHOLARSHIPS

The Higher Education Council (HEC) wishes to inform the general public that through the Bilateral Cooperation between the Government of Rwanda and the People's Republic of China, the China Beijing Institute of Technology has offered to the Government of Rwanda three (3) full scholarships for Masters and PhD levels, commencing in the academic year 2020-2021.

Interested candidates should submit the following documents:

- Application letter addressed to the Executive Director of HEC;
- National ID or valid passport;
- Curriculum Vitae;
- One (1) passeport size photo;
- Original-notified certificate and transcripts;
- Recommendation letters from two current or former academic staff who taught or supervised the applicant;
- A study plan or research proposal (Minimum of 500 words for Masters and 800 words for PhD);
- Be under: 35 years of age for Masters and 40 for PhD level;
- Application form (please register at <http://apply.isc.bit.edu.cn> and bring it at HEC).

Please note :

1. Candidates applying for this scholarship must have studied in Science, Technology, Engineering and Mathematics (STEM) related fields. The list of programmes to apply for is available on HEC website.
2. Only complete application documents will be accepted.
3. Candidates must possess:
 - Bachelors Degree with at least 2nd Class Upper division or equivalent for Masters Degree applicants;
 - Masters Degree with at least 70% for PhD applicants.
4. This scholarship covers the costs of study including: tuition fees, accommodation, living allowances and medical insurance. Any other extra expenses that may arise will be covered by the candidate.

A complete application file should be submitted to the Higher Education Council, **Students Loan Department, located at Remera (near REB), not later than 12/2/2020 at 11.am.**

Done at Kigali, ...15./...01./2020


Dr. Rose MUKANKOMEJE
Executive Director



Web site: www.hec.gov.rw, Email: info@hec.gov.rw, Location: MINEDUC Building, Kacyiru

Master Programs in English

Aeronautics & Space Science and Technology

Advanced Computational Fluid Dynamic; Continuum Mechanics; Principles of Composite Material Mechanics; Structural Dynamics; Fundamentals of Aerospace Propulsion; Orbital Mechanics Guidance and control theory for flight vehicle; Automated Rendezvous and Docking of Spacecraft; Reactive Flow in Jet Propulsion

Chemistry

Inorganic Synthesis and Preparative Chemistry; Advanced Experiment of Organic Chemistry; Materials Science; Advanced Topics in Organic Chemistry; X-Ray Crystallography; Coordination Chemistry; Spectrometric Identification of Organic Compounds; Nano-science and technology

Law

Public International Law; International Economic Law; Private International Law; WTO Law; International Intellectual Property Protection; Chinese Trademark Law and Unfair Competition; Chinese Patent Law; Chinese Copyright Law

Chemical Engineering and Technology

Advanced Organic Chemistry; Metal-organic Chemistry; Advanced Experiment of Organic Chemistry; Modern Electrochemistry; Principles of Catalysis Spectrometric Identification of Organic Compounds; Advanced Topics in Organic Chemistry; Advanced Chemical Technology

Computer Science and Technology

Advanced Operating Systems; Computer Vision; Content Management and Technology of Digital Library; Wireless Networks and Mobile Computing; Web Mining Web; Network information security; Machine Learning and Knowledge Discovery; Algorithms and Complexity; Theory of Computation

Control Science and Engineering

Linear Algebra with Applications in Automatic Control; Linear Systems Theory; Optimum and Robust Control; Stochastic Process Theory and Applications; System Identification and Adaptive Control; Modern Sensor and Detection Technology; Systems engineering principle and applications;

Mechanical Engineering

Fundamentals of Modern Control Theory; Modern Measurement Technology; Elastic-Plastic Mechanics; Mechanical Vibration; Advanced Engineering Thermodynamics and Heat Transfer; Principle of Finite Element Method; Principles of CAD/CAM/CAE; Structural Design with Optimization Method

MBA

International business; International finance; International business law; Operating management; Business ethics; Management information system; Marketing management; Accounting

Information and Communication Engineering

Statistical Signal Processing; Information Theory; Advanced Digital Communications; Fundamentals of Communication Networks; Signal detection and estimation theory; Microwave and Millimeter wave integrated circuits Design and Technology; Introduction to Radar Systems; Mobile Communications

Electronics Science and Technology

Statistical Signal Processing; Information Theory; Advanced Digital Communications; Fundamentals of Communication Networks; Signal detection and estimation theory; Microwave and Millimeter wave integrated circuits Design and Technology; Introduction to Radar Systems; Mobile Communications

Ph.D. Programs in Chinese & English

- ✿ Aeronautics&Space Science and Technology
- ✿ Mechanics
- ✿ Armament Science and Technology
- ✿ Safety Science and Engineering
- ✿ Mechanical Engineering
- ✿ Power Engineering and Engineering Thermophysics
- ✿ Optical Engineering
- ✿ Instrument Science and Technology
- ✿ Electronics Science and Technology
- ✿ Information and Communication Engineering
- ✿ Control Science and Engineering
- ✿ Computer Science and Technology
- ✿ Material Science and Engineering
- ✿ Chemical Engineering and Technology

- ✿ Chemistry
- ✿ Biomedical Engineering
- ✿ Mathematics
- ✿ Statistics
- ✿ Physics
- ✿ Management Science and Engineering
- ✿ Applied Economics
- ✿ Business Administration
- ✿ Law
- ✿ Education



China

