

Students & Faculty Numbers

Students	28,100⁺
Undergraduates	14,700 ⁺
Masters	8,000 ⁺
PhD Candidates	3,400 ⁺
International Students	2,100 ⁺
Employees	3,300⁺



Schools

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| 1. School of Aerospace Engineering | 8. School of Software | 14. School of Management and Economics |
| 2. School of Mechatronical Engineering | 9. School of Material Science and Engineering | 15. School of Humanities and Social Science |
| 3. School of Mechanical Engineering | 10. School of Chemistry and Chemical Engineering | 16. School of Marxism |
| 4. School of Optoelectronics | 11. School of Life Science | 17. School of Law |
| 5. School of Information and Electronics | 12. School of Mathematics and Statistics | 18. School of Foreign Languages |
| 6. School of Automation | 13. School of Physics | 19. School of Design and Arts |
| 7. School of Computer Science and Technology | | 20. Graduate School of Education |

Master Programs in Chinese

Aeronautics & Space Science and Technology
Mechanics
Safety Science and Engineering
Mechanical Engineering
Power Engineering and Engineering Thermophysics
Optical Engineering
Instrument Science and Technology
Electronic Science and Technology
Information and Communication Engineering
Control Science and Engineering
Computer Science and Technology
Software Engineering
Material Science and Engineering
Chemical Engineering and Technology
Biology
Biomedical Engineering
Management Science and Engineering
Humanities and Social Sciences
Mathematics
Statistics
Physics
Chemistry
Applied Economics

Business Administration
Theoretical Economics
Law
Foreign Languages
Fine Arts
Design
Education
Teaching Chinese to Speakers of Other Languages



Master Programs in English

Aeronautics & Space Science and Technology

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

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;

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

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

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

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

Software Engineering

Advanced Software Engineering; Software Architecture; Object-oriented methodologies and technology; Business Information Management and ERP; Software Project Management; Software Service Engineering Advanced Database Technology; Advanced Computer Networks

MBA

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

Ph.D. Programs in Chinese & English

Aeronautics & Space Science and Technology

Mechanics

Safety Science and Engineering

Mechanical Engineering

Power Machinery and Engineering

Optical Engineering

Instrument Science and Technology

Electronic Science and Technology

Information and Communication Engineering

Control Science and Engineering

Computer Science and Technology

Software Engineering

Material Science and Engineering

Chemical Engineering and Technology

Biomedical Engineering

Mathematics

Theoretical Physics

Condensed Matter Physics

Chemistry

Management Science and Engineering

Applied Economics

Business Administration

Legal Economics

Education

