



2019-2020 Chinese Government Scholarship Program Harbin Institute of Technology

Founded in 1920, Harbin Institute of Technology has developed into an open, multidisciplinary, research-oriented, leading national university with science and engineering as its core, encompassing management, liberal arts, economy and law as a whole. In 2009, HIT became a member of Top 9 (C9) in China; in 2017, HIT was selected as one of the double first-class universities. HIT, as a leading engineering university ranks in the world's Top 6 in US News 2018. For international students out of China only who want to study master or PhD degree can apply for HIT Independent Recruitment Program with limited quota. HIT Independent Recruitment Program covers tuition fee, accommodation fee, stipend and insurance fee. It is one of the programs of Chinese Government Scholarship (hereinafter referred to as CSC scholarship) and assigned from Ministry of Education (hereinafter referred to as MOE) to the university to recruit outstanding international students. Applicants need to submit the application materials according to school requirements. HIT will admit the best applicants by selection and recommend to the China Scholarship Council. Applicants, who are recommended for the CSC scholarship, will receive a confirmation E-mail from HIT in April, and then complete the follow-up application according to the E-mail instructions.

I . Application Duration

Applicants should post their application materials in time to the College of International Education (hereinafter referred to as CIE) of HIT **from September 20 to December 31, 2018.**

Note: The date of receiving paper materials will be regarded as the date of application.

II . Eligibility

1. Applicants must be non-Chinese nationality in good health.
2. Educational background required and age limit:

Applicants for master's degree studies must have bachelor's degree and be under the age of 35;

Applicants for doctoral degree studies must have master's degree and be under the age of 40.

3. Excellent performance in study.
4. Applicants should have good ability in scientific research.



Note: The scholarship cannot be combined with any other scholarship.

III. Details of the Scholarship

1. Exempt from registration fee, tuition fee, and accommodation fee;
2. 800 RMB per year for Comprehensive Medical Insurance;
3. Monthly stipend is granted to the students at the following rates:

Master's degree candidate: 3,000 RMB/month

Doctoral degree candidate: 3,500 RMB/month

Complement:

1. Within the scholarship duration, scholarship students who register at CIE on time will receive a stipend from their host university each month. Students registering on or before the 15th of the month will receive a full stipend of that month. Those who register after the 15th of the month will receive a half stipend of that month. The stipend will be delivered during school holidays as usual. Graduating students will receive stipend until half month after the graduation date. For scholarship students who suspend education for a leave of absence or withdrawal, the stipend will be terminated from the date of applying for leaving school. If registered student stays out of China for more than 15 days due to a personal reason (school holidays excluded), the stipend will be stopped during the leaving. For the students who fail to register on time without school permission, leave school as non-health reasons or absent from class over two weeks, will be reported to the CSC, the study status and scholarship will be canceled.
2. Scholarship recipients of Chinese-taught programs without adequate Chinese proficiency should take Chinese language courses for one academic year to get HSK-4 before moving on to their major studies and the following major studies will be taught in Chinese. Failure to reach the required language proficiency (HSK-4) will lead to the automatic termination of scholarship. Scholarship recipients of the English-taught programs or those with adequate Chinese language proficiency do not need to take Chinese language courses.
3. Scholarship students who have to suspend their studies for illness should return to their home country for further treatment and rest. The international travel expenses should be paid on their own. The students, who are allowed by the CSC and school authority to suspend their education, can remain their scholarship. The scholarship status will be reserved one year at



most; however, the monthly living stipend will be stopped during the suspension of study. The scholarship status of the students who suspend their studies for acceptable reasons other than illness will be terminated.

4. Comprehensive Insurance for International students in China refers to the Comprehensive Medical Insurance insured by MOE of the People's Republic of China for the scholarship students in China. The institution is entitled to ask for compensation with the payment receipts from the insurance company for the expenses generated from hospitalizing for serious diseases or accidental injury according to the stipulated insurance articles.

IV. Categories of Applicants and Duration of Scholarship

No.	Categories of Applicants	Duration of Major Studies	Duration of Remedial Chinese Language Studies	Duration of Scholarship
		Academic Years		
1.	Master's Degree Students	2	1	2-3
2.	Doctoral Degree Students	4	1	4-5

Note: The duration of major study for master's degree of Architecture, Urban and Rural Planning, Landscape Architecture is **3** years.

V. Application Materials

The applicants need to provide the following materials truly and correctly (**in duplicate**) and pay for the material assessment fee.

1. Application Form of Chinese Government Scholarship.
2. Those who are available for online application of China Scholarship Council shall fill in and print the application form (in duplicate) after submitting online.

The CSC Online Application System is available at:

<http://studyinchina.csc.edu.cn/> Choose type B (HIT university code is 10213)

3. Highest full-time study diploma (original notarized document in English or Chinese).

Note: If applicants are university students, they should provide original notarized pre-graduation certificate in English or Chinese.

Notarization must be carried out through formal institution, the signature or seal from school or



working unit does not have the effect of notarization.

4. Transcripts (It is not required to be notarized, but must be signed and sealed by school. The transcripts in other languages must provide a translation in English or Chinese with notarization).
5. A study or research plan (no less than 800 words in English or Chinese). The format can be downloaded from official website: <http://studyathit.hit.edu.cn/en/academic/program/view?id=17>.
6. Two recommendation letters by professors or associate professors in English or Chinese.
7. Passport copy (Valid for one year at least).
8. Photocopy of Foreigner Physical Examination Form.

Note: The form is printed by the Chinese Health and Quarantine Department and is restricted to those who study in China for more than 6 months. The medical examinations must cover all the items listed in the Foreigner Physical Examination Form (website: <http://studyathit.hit.edu.cn/en/academic/program/view?id=17>). Incomplete records or those without the signature of the attending physician, official stamp of the hospital or a sealed photograph of the applicants are invalid. The medical examination result is generally valid for 6 months.

9. Bank Receipt of Material Assessment Fee: 60 USD or 400 RMB

Applicants should post the paper application materials with the copy of remittance receipt. Whether admitted or not, paper materials and material assessment fee is non-refundable.

Remittance Information:

Bank Name: Industrial and Commercial Bank of China, Harbin, Da Zhi Branch

Bank Address: 318 East Dazhi Street, Harbin, People's Republic of China

Name: Harbin Institute of Technology

Account Number: 3500040109008900513

SWIFT/BIC: ICBKCNBJHLJ

10. Acceptance letter (not a must)

Applicants are encouraged to contact the professors prior to application and enclose the acceptance letter from supervisors of HIT.

11. Language proficiency certificate (not a must)

Applicants are encouraged to enclose the HSK, IELTS or TOEFL report (valid for two years) to the



application materials if they have.

VI. Selection of Specialty

Please visit CIE website at <http://studyathit.hit.edu.cn/en/academic/program/view?id=17> for more details.

Please visit website at <http://www.hit.edu.cn/251/list.htm> for faculty information.

Please visit website at <http://homepage.hit.edu.cn> for supervisor information.

VII. Teaching Language

All doctoral degree programs are taught in English or Chinese (except School of Humanities, S. S. and Law). Master degree programs are generally taught in Chinese, except the English programs of Management, Material Science, Civil Engineering, Mechanical Engineering, Electronics and Chemical Engineering & Life Science and Technology. Applicant with no command of Chinese is required to take one-year Chinese language course and need to pass HSK 4 to continue the following major studies taught in Chinese. For programs taught in English, applicant whose native language is not English should submit an English proficiency certificate, a score above 80 for TOEFL or 5.5 for IELTS, or certificate from former university is also acceptable.

VIII. Approval and Notification

1. HIT will review all the application materials and is authorized to make necessary adjustments on specialties and duration of study. The application will be regarded as invalid and will not be processed if the applicants are not qualified or the application materials are inconsistent with the recruitment regulations or incomplete.
2. Applicants accepted by HIT will be officially awarded the Chinese Government Scholarship with endorsement from CSC and submitted to MOE for the record.
3. Applicants should check all the information on the admission notice. Applicants are not permitted to change their supervisors, specialties, institutions, or the duration of study specified in the Admission Notice after registration.
4. Applicants who fail to register before **September 30, 2019** will be regarded as giving up the scholarship.

IX. Contact Us



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Website: <http://studyathit.hit.edu.cn/>

Add: No.11 Siling Street, Nangang District, Harbin (150001), China

Please mark clearly “**CSC Scholarship Application**” on the envelope.

The CIE will keep the explanation authority for this brochure.

Appendix:

HIT Doctoral Degree Programs

HIT Master's Degree Programs

HIT Master's Degree Programs Taught in English





HIT Doctoral Degree Programs

School	Major	Research Field
School of Electrical Engineering and Automation	0804 Instrument Science and Technology	1. Nanometer Measurement and Ultra Precision Instrument Technology 2. Laser Measurement and Detection Technology 3. Photoelectric Measurement Technology and Instruments 4. Radiation Temperature Measurement and Testing Technology in Thermal and Physical Properties 5. Image and Information Processing Technology 6. Technology of Electronic Measurement and Instrument 7. Sensor Technology and Light Mechanical and Electrical System 8. Test Automation and Control Technology 9. Test and Equivalent Test Technology 10. Quality Measurement Technology and Instruments
	0808 Electrical Engineering	1. Electrical Machinery and Appliance 2. Power System and Automation 3. High Voltage and Insulation Technology 4. Power Electronics and Power Drives 5. Electrician Theory and New Technique
School of Energy Science and Engineering	0807 Power Engineering and Engineering Thermo-physics	1. Comprehensive Utilization of Energy and Energy Saving Technology 2. Multiphase Flow System Engineering 3. Air Pollution Control Technology 4. Convection Pneumatic Coupling Heat Transfer and Radiation 5. Dynamic Mechanical Pneumatic Thermodynamics 6. Optimization of Supernormal Parameter Steam Turbine 7. Thermal System Dynamics and Control Machinery 8. Flow Analysis of Fluid Power Components 9. Automation in Petro-Chemical Industry
School of Computer Science and Technology	0812 Computer Science and Technology	1. High Reliable High Performance Computer Architecture 2. Mobile Computing and Embedded Computing 3. Computer Network and Information Security 4. Computing Theory 5. Huge Amounts of Data Calculation 6. Service Computing 7. Biological Computing and Bioinformatics 8. Intelligent Human-Computer Interaction and Digital Media Technology 9. Artificial Intelligence and Pattern Recognition



		10. Multiple Languages and Chinese Information Processing 11. Social Computing
	0835 Software Engineering	1. Software Service Engineering 2. Software Engineering and Software Architecture 3. Software Trustworthiness and Reliability 4. Intelligent Software Theory and Machine Learning 5. Business Intelligence and Data Mining 6. Field of Software Engineering
School of Astronautics	0811 Control Science and Engineering	1. Navigation, Guidance and Control 2. Control Theory and Control Engineering 3. Detection Technology and Automatic Equipment 4. Pattern Recognition and Intelligent System 5. Systems Engineering
	0801 Mechanics	1. Structural Dynamics and Vibration Control 2. Dynamics of Composite Materials 3. Concept of Micro Dynamics 4. Solid Dynamics 5. Dynamic Inverse Problem and Fault Diagnosis 6. Material Performance Characterization and Failure Analysis 7. Nonlinear Kinetics 8. Intelligent Material Systems and Structures 9. Fluid Dynamics 10. Optimum Structural Design 11. Fatigue and Fracture Mechanics 12. Mechanical Behavior of Materials in Extreme Environments 13. Lightweight Space Structure Design
	0825 Aeronautical and Astronautical Science and Technology	1. Aircraft System Optimization Design and Simulation 2. Aircraft System Optimization Design and Simulation 3. Deep Space Probe Landing and Return 4. Space Structure Dynamics and Control 5. Effect of Space Environment and Protection
	0803 Optical Engineering	1. Space Optical Access to Information Technology and Processing 2. Optical Guidance and Simulation 3. Modern Photoelectric Testing Technology 4. Target Detection and Recognition 5. Optical Image Processing and Evaluation 6. Space Laser Communication 7. Laser Radar and Laser Remote Sensing 8. High Power Laser and Tunable Laser 9. Nonlinear Optics Technology and Application



		10. Photoelectric Device and Technology
	0809 Electronics Science and Technology	1. Laser Spatial Information and Confrontation 2. Tunable Laser Short Wavelength Laser 3. Nonlinear Optics Quantum Optics Technology and Application 4. Photoelectric Device and Technology 5. Laser Spectrum and The Mechanism of Laser Medium 6. Micro-Nano Devices and Systems 7. Mixed Signal and Rf IC/A 8. Integrated Sensor Technology 9. System-On-A-Chip Soc and IP Design Technology 10. Microwave Transmission Theory and Antenna System
School of Mechatronics Engineering	0802 Mechanical Engineering	1. Precision and Ultra-Precision Processing Technology 2. Micro-Nano Manufacturing Techniques 3. Special Processing and Special Material Processing Technology 4. Modern Design Theory and Method 5. Digital Design and Manufacturing Technology 6. Mechanical and Electrical System Control and Automation 7. Modern Sensor and Testing Technology 8. Fluid Flow Control and Automation 9. Robot Technology and System 10. Special Transmission Intelligent Design and Control 11. Tribology Basic Theory and Application Technology 12. Engineering Structure Design and Analysis 13. Vibration and Noise Control 14. Biomechanical Engineering 15. Production System Automation Technology 16. Manufacturing System Engineering Management 17. Vehicle Dynamics and Control 18. Vehicles Advanced Manufacturing Technology 19. Modern Design Theory and Method Of Vehicle 20. Vehicle Electronics and Control
	0825 Aeronautical and Astronautical Science and Technology	1. Space Structure and Control 2. Aerospace High Precision Manufacturing Technology 3. Space Robot Technology 4. Space of Special Processing Technology 5. Aircraft Digital Manufacturing Technology 6. Aircraft Ground Simulation and Testing Technology
		1. Intelligent Materials and Devices 2. Photoelectric Film Material with Quantum Devices 3. Special Optical Fiber and Device



School of Materials Science and Engineering	0805 Materials Science and Engineering	4. Space Material and its Environmental Effects 5. Metal and Composite Materials 6. Inorganic Nonmetallic Materials 7. Polymer and Composite Materials 8. Thin Film Materials and Surface Engineering 9. Solidification Science and Engineering 10. Plastic Processing Science and Engineering 11. Materials Science and Engineering Connection
School of Management	1201 Management Science and Engineering	1. Management Information Systems and Decision Support System 2. Electronic Commerce and Business Intelligence 3. Project Management Theory and Method 4. Urban Management Theory and Method 5. Systems Engineering Theory and Method
	1202 Business Administration	1. Enterprise Strategic Management Theory and Method 2. Organization and Human Resource Theory and Method 3. Marketing Theory and Method 4. Accounting Policies and Accounting Information Disclosure 5. Innovation theory, method and policy 6. Investment and Financing Theory and Financial Engineering 7. Sustainable Development Theory, Method and Policy 8. Management Corporate Governance and Corporate Value
	120401 Public Administration	1. Public Policy Analysis and Simulation 2. City Management and Government Management Innovation 3. Influence of Public Policy Evaluation 4. Infrastructure Economy and Management
School of Humanities, Social Science and Law	0303 Sociology	1. Theory and Practice 2. Sociology Engineering Technology 3. Social Development and The Underclass 4. Social Development and The Underclass 5. Network Society
	0702 Physics	1. Nonlinear Optics and Laser Spectroscopy 2. Military Information Photonics Technology and Devices 3. Nano Photonics and Surface from Excimer Optics, Etc 4. Quantum Information and Quantum Dynamics 5. Cross The Extreme Conditions Of Condensed Matter Physics 6. Physics and High Energy Heavy-Ion Collisions Hadron Phenomenological Study 5. Physical Function of Modern Materials and Nano Device 8. Particulate Matter and Soft Matter Physics 9. Plasma Transport and Its Interaction with Light Field



School of Science		10. On Ultra-Weak Bioluminescence (Uwl) and Optical Imaging Technology
	0701 Mathematics	1. Calculus 2. Algebra 3. Topology 4. Differential Equation 5. Numerical Analysis of Differential Equations 6. Scientific Calculation 7. Probability and Statistics 8. Functional Differential Equation
	0714 Statistics	1. Stochastic Controls and Applications 2. Markov Processes and Applications 3. Quantum Statistics 4. Stochastic Differential Equations and Its Applications 5. Financial Statistics and Measurement 6. Spatial Statistics and Measurement 7. Biostatistics 8. Large Dimensional Random Matrices Theory and Method
School of Environment	0814 Civil Engineering	1. Urban Drinking Water Security 2. Sludge Wastewater Treatment and Reuse Theory And Technology 3. Urban Water System Digital and Network Optimization 4. Microbiology and Chemical Environment and Water Science 5. Optimal Allocation of Urban Water Resources Protection with Development and Utilization 6. Solid Waste Reduction Resource and Energy 7. Circular Economy and Low-Carbon Technologies
	0830 Environmental Science and Engineering	1. Sludge Wastewater Treatment and Reuse Theory and Technology 2. Microbiology and Chemical Environment and Water Science 3. Regional Watershed Pollution Control. Environmental Planning and Ecological Security 4. Environmental Science and Functional Materials with Water 5. Gaseous Pollutants Reduction and Prevention and Control Technology 6. Solid Waste Reduction, Resource and Energy 7. New Energy and Energy Conservation and Emissions Reduction Technology 8. Circular Economy and Low-Carbon Technologies
School of Life	0831/0777	1. Biomedical Information Technology



Science and Technology	Biomedical Engineering	2. Nano Biotechnology and Biological Sensors 3. Biomedical Detection Technology 4. Biological Electromechanical Integration Technology 5. Biomedical Image Processing 6. Tissue Engineering and Technology 7. Microbial Biotechnology
School of Transportation Science and Technology	0823 Communication and Transportation Engineering	1. Road Construction Materials 2. Composite Sub-grade Stability Technology 3. Pavement Dynamics and Design Method 4. Road Nondestructive Testing Technology 5. Road Transportation Safety 6. Transportation Planning 7. Traffic Economy 8. Intelligent Transportation System 9. Traffic Management and Control
	0814 Civil Engineering	1. Bridge Structure and Durability 2. Bridge Monitoring. Monitoring and Safety Evaluation 3. Bridge Seismic and Axle Vibration 4. Both The Bridge Reinforcement 5. Advanced Composite Applications
School of Civil Engineering	0814 Civil Engineering	1. Geotechnical Engineering and Underground Structure 2. Rock Geological Engineering to Environment 3. Large-Span Space and High-Rise Structures 4. Steel Structure& Wood Structure and Composite Structure 5. Reinforced Concrete Structure & Masonry Structure with Pre-stressed Structure 6. Bridge Structure and Offshore Platform 7. Civil Engineering Construction and Structure Make A Diagnosis and Give Treatment & Modification Technology 8. Earthquake Engineering and Wind Engineering 9. Major Projects Safety Protection and Urban Disaster Prevention and Mitigation 10. High Performance Concrete & Intelligent Materials and Structures 11. Theory and Method of Engineering Management 12. Theory and Method of Urban Management
	0801 Mechanics	1. Structural Vibration & Impact and Control 2. Reliability Of Structural Damage & Health Monitoring 3. Computational Structural Dynamics and Computational Fluid Dynamics



		4. Civil Engineering Intelligent Materials and Structures System 5. Civil Engineering Structure and Theory of System Design
School of Architecture	0813 Architecture	1. Architectural Design and Theory 2. Public Architecture Design and its Theory 3. Green Building and Energy Saving Technology 4. City and Building Physical Environment 5. Chinese and Foreign Architectural History and Heritage Protection 6. Urban Design and Interior Design
	0833 Urban and Rural Planning	1. Urban and Rural Planning Theory and Methods 2. Urban Historical & Cultural Protection and Planning Design 3. Cold to Urban and Rural Living Environment Planning 4. Urban Form and Landscape Planning 5. Urban and Rural Security and Regional Planning
	0834 Landscape Architecture	1. History and Theory of Western Landscape 2. Landscape Heritage Protection and Utilization 3. Landscape Planning and Design and Theory 4. Landscape Architecture Engineering and Technology 5. Ecology Landscape 6. Tourist Recreation and Planning and Design
	0814 Civil Engineering	1. Heating Calculation Theory and Application Technology 2. Ventilation and Air Conditioning Theory and Application 3. Building Energy Efficiency and Energy Utilization 4. Gas Storage and Transportation and Urban Gas Application 5. HVAC Systems and Control Theory and Technology 6. Built Environment
School of Electronics and Information Technology	0810 Information and Communication Engineering	1. Broadband Communication Theory and Signal Processing 2. Wireless Mobile Communication and Network 3. Deep Space Communication Theory and Satellite Communication Technology 4. Modern Signal Processing Theory and Technology 5. Microwave Imaging and Target Recognition Technology 6. Advanced Image Processing Theory and Technology 7. Remote Sensing Information Processing Technology 8. Electronic Countermeasure Theory and Technology 9. Electromagnetic Theory and Rf Technology 10. New System Radar Theory and Technology
School of Chemistry and Chemical	0817 Chemistry Engineering and	1. Surface and Interface Chemistry 2. Polymer Composite and Modification 3. Electrochemical Power Source



Engineering	Technology	4. Metal Electro-deposition and Chemical Deposition 5. Preparation and Performance of Functional Materials 6. Catalyst and Catalytic Reaction Engineering 7. Biological Synthesis and Separation Engineering 8. Bimolecular Engineering 9. New Energy Chemical Industry
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HIT Master's Degree Programs

School	Major
School of Astronautics	0811 Control Science and Engineering
	0801 Mechanics
	0825 Aeronautical and Astronautical Science and Technology
	0803 Optical Engineering
	0809 Electronics Science and Technology
School of Energy Science and Engineering	0807 Power Engineering and Engineering Thermo-Physics
School of Computer Science and Technology	0812 Computer Science and Technology
	0835 Software Engineering
	0839 Cyberspace Security
School of Electrical Engineering and Automation	0804 Instrument Science and Technology
	0808 Electrical Engineering
School of Science	0701 Mathematics
	0252 Applied Statistics
	0702 Physics
School of Mechatronics Engineering	0802 Mechanical Engineering
	082503 Manufacturing Engineering of Aerospace Vehicle
	0872 Design (Industrial Design)
	1305 Design (Digital Media Art)
School of Materials Science and Engineering	0805 Materials Science and Engineering
School of Management	1201 Management Science and Engineering
	1202 Business Administration
	1204 Public Management
	0202 Applied Economics



School of Humanities, Social Science and Law	0201 Theoretical Economics
	0202 Applied Economics
	0303 Sociology
	0301 Law
School of Civil Engineering	0814 Civil Engineering
	0801 Mechanics
School of Environment	0830 Environmental Science and Engineering
	071005 Microbiology
	081403 Municipal Engineering
School of Architecture	0813 Architecture
	081404 Heating, Gas Supply, Ventilating and Air Conditioning Engineering
	0833 Urban and Rural Planning
	0834 Landscape Architecture
	0872 Design (Digital Media)
School of Transportation Science and Technology	0823 Communication and Transportation Engineering
	081406 Bridge and Tunnel Engineering
School of Chemical Engineering and Chemistry	0817 Chemistry Engineering and Technology
	0832 Food Science and Technology
	0703 Chemistry
	070305 Chemistry and Physics of Polymers
School of Marxist	0101 philosophy
	0305 Marxist theory
School of Electronics and Information Technology	0810 Information and Communication Engineering
School of Life Science and Technology	0710 Biology
	0831 Biomedical Engineering (Master of Engineering)
	0777 Biomedical Engineering (Master of Science)



HIT Master's Degree Programs Taught in English

Category	School	Major	Research Field
Management	School of Management	0202 Applied Economics	1. International Industry and Technology Transfer 2. International Trade Theory 3. Industry Economic Theory and Method 4. The Financial Policy and Regulation 5. Financial Economics 6. Financial Engineering
		1201 Management Science and Engineering	1. Management Information System, Decision Support System 2. E-commerce E-government Business Intelligence 3. Systems Engineering Theory and Application 4. Number Theory and the Statistical Analysis and Decision Optimization Model 5. Knowledge Management and Knowledge Engineering 6. Project Management 7. Construction Management Theory and Method 8. Real Estate Investment and Management 9. Housing and Housing System
		1202 Business Administration	1. Technology Innovation and Technology Management 2. Industry and Regional Development Theory 3. Risk Analysis and Management 4. Management Theory of Modern Manufacturing System 5. Strategic Management and Modern Organization Theory 6. Marketing Theory 7. Accounting Theory and Practice 8. Cost and Management Accounting Theory and Method 9. Financial Management Theory and Method
		1204 Public Management	1. Administrative Management Theory and Research Methods 2. Public Sector Reform and Practice 3. Policy Analysis and Evaluation of Projects



			4. Local Governance and Development Strategy
Material Science	School of Materials Science and Engineering	0805 Materials Science and Engineering	1. Metal and Ceramics Materials 2. Surface Engineering 3. Behavior of Materials under Space Environment and Test Technologies 4. Polymer Matrix Composite Materials 5. Micromechanics of Composite Materials 6. Information Function Material and Device 7. Biomedical Materials and Device 8. Science and Solidification of Liquid Forming Technology 9. Plastic Forming Theory and Technology 10. Science and Technology of Materials Joining
Mechanical Engineering	School of Mechatronics Engineering	0802 Mechanical Engineering	1. Mechanical Design and Theory 2. Mechanical Manufacture Automation 3. Mechatronic Engineering 4. Production Process Management
	School of Energy Science and Engineering	0807 Power Engineering and Engineering Thermo-Physics	1. Combustion and Pollution Control 2. Dynamic Fluid and Chemical Machinery 3. Heat, Mass Transfer and Multiphase flow 4. The Utilization of Energy
Civil Engineering	School of Civil Engineering	0814 Civil Engineering	1. Program of Structural Engineering 2. Program of Civil Engineering Materials
Electronics	School of Computer Science and Technology	0812 Computer Science and Technology	Computer Science and Technology
	School of Astronautics	0811 Control Science and Technology	Control Science and Engineering
		0809 Electronics Science and Technology	1. Physical Electronics 2. Microelectronics and Solid-State Electronics
	School of Electronics	0810 Information and	Information and Communication Engineering



	and Information Technology	Communication Engineering	
Chemical Engineering & Life Science and Technology	School of Chemistry and Chemical Engineering	0703 Chemistry	1. Surface and Interface Chemistry of Materials 2. Energy Conversion Material Chemistry 3. Solar Cells and Devices 4. Spectrum Detection and Analysis 5. Synthesis and Preparation of Functional Nano-Materials
		0817 Chemical Engineering and Technology	1. Polymer Composite and Modification 2. Chemical Power Source and Electrochemical Technology 3. Preparation and Performance of Functional Materials 4. Energy Chemical Engineering and Catalysis 5. Bimolecular Engineering
		0832 Food Science and Engineering	1. Space Biochemistry and Protection 2. Natural Product Chemistry and Human Health 3. Food Safety and Process Control 4. Food Fermentation and Microbiology 5. New Resource Food Research and Development
	School of Life Science and Technology	0831/0777 Biomedical Engineering	1. Nano Biotechnology 2. Tissue Engineering and Regenerative Medicine 3. Synthetic Biology 4. Cancer Biology 5. Neurobiology
	School of Environment	0830 Environmental Science and Engineering	1. Waste Water Treatment and Resource Utilization 2. Environmental Chemistry and Biotechnology 3. Atmospheric Pollution Control 4. Solid Waste Treatment and Disposal 5. Urban Water Resource and Environment 6. Drinking Water Quality Security