“Double First-Class” initiative disciplines development list
(Sorted by province and university)

Note: The list was published by the Ministry of Education of the People’s Republic of China on 21 September 2017. This list sorted by province and university has been prepared by the Education and Research Section, Australian Embassy, Beijing. Initial translation credit to Science, Technology and Education Section, Embassy of Switzerland in China.

Anhui (13)

Anhui University (1)
Materials Science and Engineering

Hefei University of Technology (1)
Management Science and Engineering

University of Science and Technology of China (11)
Mathematics
Chemistry
Geophysics
History of Science and Technology
Computer Science and Technology
Safety Science and Engineering

Physics
Astronomy
Biology
Materials Science and Engineering
Nuclear Science and Technology

Beijing (162)

Beihang University (7)
Mechanics
Materials Science and Engineering
Computer Science and Technology
Software Engineering

Instrument Science and Technology
Control Science and Engineering
Aeronautical and Astronautic Science and Technology

Beijing Foreign Studies University (1)
Foreign Language and literature

Beijing Forestry University (2)
Landscape Architecture

Forestry Science

Beijing Institute of Technology (3)
Materials Science and Engineering
Armament Science and Technology

Control Science and Engineering

Beijing Jiaotong University (1)
System Science

Beijing Normal University (11)
Education Science

Psychology
Chinese language and Literature  Chinese History
Mathematics  Geography
System Science  Ecology
Environmental Science and Engineering  Drama and Film Studies
Linguistics

Beijing Sport University (1)
Sports Science

Beijing University of Chemical Technology (1)
Chemical Engineering and Technology

Beijing University of Chinese Medicine (3)
Traditional Chinese Medicine  Integrated Chinese and Western Medicines
Science of Chinese Pharmacology

Beijing University of Post and Telecommunications (2)
Computer Science and Technology  Information and Communication Engineering

Beijing University of Technology (1)
Civil Engineering

Capital Normal University (1)
Mathematics

Central Academy of Fine Arts (2)
Fine Arts  Design

Central Conservatory of Music (1)
Music and Dance Studies

Central University of Finance and Economics (1)
Applied Economics

China Agricultural University (9)
Biology  Agricultural Engineering
Food Science and Engineering  Crop Science
Agricultural Resources and Environment  Plant Protection
Animal Husbandry  Veterinary Medicine
Grassology

China Conservatory of Music (1)
Music and Dance Studies

China Foreign Affairs University (1)
Political Science

China University of Geosciences (Beijing) (2)
Geology  Geological Resources and Geological Engineering

China University of Mining and Technology (Beijing) (2)
China University of Political Science and Law (1)
Law

Communication University of China (2)
Journalism and Communication Drama and Film Studies

North China Electric Power University (1)
Electric Engineering

Peking Union Medical College (4)
Biology Biomedical Engineering
Clinical Medicine Pharmacy

Peking University (41)
Philosophy Theoretical Economics
Applied Economics Law
Political Science Sociology
Theory of Marxist Psychology
Chinese language and Literature Foreign Language and Literature
Archaeology Chinese History
World History Mathematics
Physics Chemistry
Geography Geophysics
Geology Biology
Ecology Statistics
Mechanics Materials Science and Engineering
Electronic Science and Technology Control Science and Engineering
Computer Science and Technology Environmental Science and Engineering
Software Engineering Basic Medical Sciences
Clinical Medicine Stomatology
Public Health and Preventive Medicine Pharmacy
Nursing Artistic Theory
Contemporary Linguistics Linguistics
Business and Management Social Policy and Management
Mechanical and Aeronautical & Manufacturing Engineering

People’s Public Security University of China (1)
Public Security Science

Renmin University of China (14)
Philosophy Theoretical Economics
Applied Economics Law
Political Science Sociology
Theory of Marxist Journalism and Communication
Chinese History Statistics
Business Administration Agriculture and Forestry Economic Management
Public Administration Library Information and Archives Management

The Central Academy of Drama (1)
Drama and Film Studies
<table>
<thead>
<tr>
<th>University</th>
<th>Candidate Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tsinghua University (34)</td>
<td>Law, Political Science, Mathematics, Chemistry, Mechanics</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering, Instrument Science and Technology,</td>
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<tr>
<td></td>
<td>Power Engineering and Engineering Thermo-physics,</td>
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<td></td>
<td>Information and Communication Engineering,</td>
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<tr>
<td></td>
<td>Control Science and Engineering, Computer Science and</td>
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<tr>
<td></td>
<td>Technology, Architecture, Civil Engineering, Hydraulic</td>
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<tr>
<td></td>
<td>Engineering, Chemical Engineering and Technology,</td>
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<tr>
<td></td>
<td>Nuclear Science and Technology, Environmental Science and</td>
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<tr>
<td></td>
<td>Engineering, Biomedical Engineering, Urban and Rural Planning,</td>
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<tr>
<td></td>
<td>Landscape Architecture, Software Engineering, Management</td>
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<tr>
<td></td>
<td>Science and Engineering, Business Administration, Public</td>
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<tr>
<td></td>
<td>Administration, Design, Accounting and Finance, Economics and</td>
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<tr>
<td></td>
<td>Econometrics, Statistics and Operational Research,</td>
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<td></td>
<td>Contemporary Linguistics</td>
</tr>
<tr>
<td>University of Chinese Academy</td>
<td>Chemistry, Materials Science and Engineering</td>
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<tr>
<td>of Sciences (2)</td>
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<tr>
<td>University of International</td>
<td>Applied Economics</td>
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<tr>
<td>Business and Economics (1)</td>
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</tr>
<tr>
<td>University of Science &amp;</td>
<td>History of Science and Technology, Materials Science and</td>
</tr>
<tr>
<td>Technology Beijing (4)</td>
<td>Engineering, Metallurgical Engineering, Mining Engineering</td>
</tr>
<tr>
<td>China University of Petroleum</td>
<td>Petroleum and Natural Gas Engineering, Geological Resources</td>
</tr>
<tr>
<td>(Beijing) (2)</td>
<td>and Geological Engineering</td>
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<tr>
<td>Minzu University of China (1)</td>
<td>Ethnology</td>
</tr>
<tr>
<td>Chongqing (4)</td>
<td></td>
</tr>
<tr>
<td>Chongqing University (3)</td>
<td>Mechanical Engineering, Electrical Engineering, Civil</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
</tr>
<tr>
<td>Southwest University (1)</td>
<td>Biology</td>
</tr>
</tbody>
</table>
Fujian (6)

Fuzhou University (1)
Chemistry

Xiamen University (5)
Chemistry
Biology
Statistics

Marine Science
Ecology

Gansu (4)

Lanzhou University (4)
Chemistry
Ecology

Atmosphere Science
Grassology

Guangdong (18)

Sun Yat-sen University (11)
Philosophy
Chemistry
Ecology
Electronic Science and Technology
Clinical Medicine
Business Administration

Mathematics
Biology
Materials Science and Engineering
Basic Medical Sciences
Pharmacy

Jinan University (1)
Pharmacy

South China University of Technology (4)
Chemistry
Light Industry Technology and Engineering

Materials Science and Engineering
Agriculture Science

Guangzhou University of Chinese Medicine (1)
Traditional Chinese Medicine

South China Normal University (1)
Physics

Guangxi (1)

Guangxi University (1)
Civil Engineering
Guizhou (1)

Guizhou University (1)
Plant Protection

Hainan (1)

Hainan University (1)
Crop Science

Heilongjiang (11)

Harbin Institute of Technology (7)
Mechanics
Materials Science and Engineering
Computer Science and Technology
Environmental Science and Engineering

Harbin Engineering University (1)
Naval Architecture and Ocean Engineering

Northeast Agricultural University (1)
Animal Husbandry

Northeast Forestry University (2)
Forestry Engineering
Forestry Science

Henan (4)

Zhengzhou University (3)
Clinical Medicine
Chemistry

Henan University (1)
Biology
Hubei (29)

**Wuhan University (10)**
- Theoretical Economics
- Theory of Marxist
- Geophysics
- Surveying and Mapping
- Stomatology
- Law
- Chemistry
- Biology
- Mining Engineering
- Library Information and Archives Management

**Huazhong University of Science and Technology (8)**
- Mechanical Engineering
- Materials Science and Engineering
- Electrical Engineering
- Basic Medical Sciences
- Optical Engineering
- Power Engineering and Engineering Thermo-physics
- Computer Science and Technology
- Public Health and Preventive Medicine

**China University of Geosciences (Wuhan) (2)**
- Geology
- Geological Resources and Geological Engineering

**Wuhan University of Technology (1)**
- Materials Science and Engineering

**Huazhong Agricultural University (5)**
- Biology
- Animal Husbandry
- Agriculture and Forestry Economic Management
- Gardening
- Veterinary Medicine

**Central China Normal University (2)**
- Political Science
- Chinese language and Literature

**Zhongnan University of Economics and Law (1)**
- Law

Hunan (12)

**Hunan University (2)**
- Chemistry
- Mechanical Engineering

**Central South University (4)**
- Mathematics
- Metallurgical Engineering
- Materials Science and Engineering
- Mining Engineering

**Hunan Normal University (1)**
- Foreign Language and literature

**National University of Defense Technology (5)**
- Computer Science and Technology
- Software Engineering
- Management Science and Engineering
- Information and Communication Engineering
- Aeronautical and Astronautic Science and Technology
Inner Mongolia (1)

**Inner Mongolia University (1)**

- Biology

Jiangsu (43)

**Nanjing University (15)**
- Philosophy
- Foreign Language and literature
- Chemistry
- Atmosphere Science
- Biology
- Computer Science and Technology
- Mining Engineering
- Library Information and Archives Management

**Chinese language and Literature**

**Physics**

**Astronomy**

**Geology**

**Materials Science and Engineering**

**Chemical Engineering and Technology**

**Environmental Science and Engineering**

**Soochow University (1)**

- Materials Science and Engineering

**Southeast University (11)**

- Materials Science and Engineering
- Control Science and Engineering
- Computer Science and Technology
- Civil Engineering
- Biomedical Engineering
- Artistic Theory

**Electronic Science and Technology**

**Information and Communication Engineering**

**Architecture**

**Traffic Engineering**

**Landscape Architecture**

**Nanjing University of Aeronautics and Astronautics (1)**

- Mechanics

**Nanjing University of Science and Technology (1)**

- Armament Science and Technology

**China University of Mining and Technology (2)**

- Safety Science and Engineering
- Mining Engineering

**Electronic Science and Technology**

**Nanjing University of Posts and Telecommunications (1)**

**Hohai University (2)**

- Hydraulic Engineering
- Environmental Science and Engineering

**Jiangnan University (2)**

- Light Industry Technology and Engineering
- Food Science and Engineering
Nanjing Forestry University (1)
Forestry Engineering

Nanjing University of Information Science & Technology (1)
Atmosphere Science

Nanjing Agricultural University (2)
Crop Science Agricultural Resources and Environment

Nanjing University of Traditional Chinese Medicine (1)
Science of Chinese Pharmacology

China Pharmaceutical University (1)
Science of Chinese Pharmacology

Nanjing Normal University (1)
Geography

Jiangxi (1)

Nanchang University (1)
Materials Science and Engineering

Jilin (12)

Jilin University (5)
Archaeology Mathematics
Physics Chemistry
Materials Science and Engineering

Yanbian University (1)
Foreign Language and literature

Northeast Normal University (6)
Theory of Marxist World History
Mathematics Chemistry
Statistics Materials Science and Engineering
Liaoning (5)

Liaoning University (1)
Applied Economics

Dalian University of Technology (2)
Chemistry Engineering

Northeastern University (1)
Control Science and Engineering

Dalian Maritime University (1)
Traffic Engineering

Ningxia (1)

Ningxia University (1)
Chemical Engineering and Technology

Qinghai (1)

Qinghai University (1)
Ecology

Shaanxi (17)

Northwest University (1)
Geology

Xi’an Jiaotong University (8)
Mechanics Mechanical Engineering
Materials Science and Engineering Power Engineering and Engineering Thermo-physics
Electrical Engineering Information and Communication Engineering
Management Science and Engineering Business Administration

Northwestern Polytechnical University (2)
Mechanical Engineering  
Xidian University (2)  
Computer Science and Technology  
Information and Communication Engineering  
Chang’an University (1)  
Traffic Engineering  
Northwest A&F University (1)  
Agriculture Science  
Shaanxi Normal University (1)  
Chinese language and Literature  
The Fourth Military Medical University (1)  
Clinical Medicine  

Shandong (6)  
Shandong University (2)  
Mathematics  
Chemistry  
Ocean University of China (2)  
Marine Science  
Aquatic Products  
China University of Petroleum (East China) (2)  
Petroleum and Natural Gas Engineering  
Geological Resources and Geological Engineering  

Shanghai (57)  
Fudan University (17)  
Philosophy  
Political Science  
Chinese language and Literature  
Chinese History  
Mathematics  
Physics  
Chemistry  
Biology  
Ecology  
Materials Science and Engineering  
Environmental Science and Engineering  
Basic Medical Sciences  
Clinical Medicine  
Integrated Chinese and Western Medicines  
Pharmacy  
Machinery & Aerospace and Manufacturing Engineering  
Contemporary Linguistics  
Tongji University (7)  
Architecture  
Civil Engineering  
Surveying and Mapping  
Environmental Science and Engineering  
Urban and Rural Planning  
Landscape Architecture
### Art and Design

**Shanghai Jiao Tong University (17)**  
Mathematics  
Biology  
Materials Science and Engineering  
Control Science and Engineering  
Civil Engineering  
Naval Architecture and Ocean Engineering  
Clinical Medicine  
Pharmacy  
Business and Management  
Chemistry  
Mechanical Engineering  
Information and Communication Engineering  
Computer Science and Technology  
Chemical Engineering and Technology  
Basic Medical Sciences  
Stomatology  
Electronic Science and Technology

**East China University of Science and Technology (3)**  
Chemistry  
Chemical Engineering and Technology

**Donghua University (1)**  
Textile Science and Engineering

**Shanghai Ocean University (1)**  
Aquatic Products

**Shanghai University of Traditional Chinese Medicine (2)**  
Traditional Chinese Medicine  
Science of Chinese Pharmacology

**East China Normal University (3)**  
Education Science  
Ecology  
Statistics

**Shanghai International Studies University (1)**  
Foreign Language and literature

**Shanghai University of Finance and Economics (1)**  
Statistics

**Shanghai University of Sport (1)**  
Sports Science

**Shanghai Conservatory of Music (1)**  
Music and Dance Studies

**Shanghai University (1)**  
Mechanical Engineering

**The Second Military Medical University (1)**  
Basic Medical Sciences
**Shanxi (1)**

*Taiyuan University of Technology (1)*
Chemical Engineering and Technology

**Sichuan (14)**

*Sichuan University (6)*
- Mathematics
- Materials Science and Engineering
- Stomatologia

*Southwest Jiaotong University (1)*
Traffic Engineering

*University of Electronic Science and Technology of China (2)*
- Electric Science and Technology
- Information and Communication Engineering

*Southwest Petroleum University (1)*
Petroleum and Natural Gas Engineering

*Chengdu University of Technology (1)*
Geology

*Sichuan Agricultural University (1)*
Crop Science

*Chengdu University of Traditional Chinese Medicine (1)*
Traditional Chinese Medicine

*Southwestern University of Finance and Economics (1)*
Applied Economics

**Tianjin (13)**

*Nankai University (5)*
- World History
- Chemistry
- Materials Science and Engineering

*Tianjin University (4)*
- Chemistry
- Chemical Engineering and Technology

*Tianjin University*
Tianjin Polytechnic University (1)
Textile Science and Engineering

Tianjin Medical University (1)
Clinical Medicine

Tianjin University of Traditional Chinese Medicine (1)
Traditional Chinese Medicine

Hebei University of Technology (1)
Electric Engineering

Tibet (1)

Tibet University (1)
Ecology

Xinjiang (4)

Xinjiang University (3)
Theory of Marxist
Chemistry
Computer Science and Technology

Shihezi University (1)
Chemical Engineering and Technology

Yunnan (2)

Yunnan University (2)
Ethnology
Ecology
Zhejiang (20)

Zhejiang University (18)
Chemistry
Ecology
Optical Engineering
Electrical Engineering
Computer Science and Technology
Environmental Science and Engineering
Gardening
Basic Medical Sciences
Management Science and Engineering

Biology
Mechanical Engineering
Materials Science and Engineering
Control Science and Engineering
Agricultural Engineering
Software Engineering
Plant Protection
Pharmacy
Agriculture and Forestry Economic Management

China Academy of Art (1)
Fine Arts

Ningbo University (1)
Mechanics