"Double First-Class" initiative disciplines development list
(Sorted by discipline)

**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 discipline has been prepared by the Education and Research Section, Australian Embassy, Beijing based on the *Australian Standard Classification of Education (ASCED) 2001*, Australian Bureau of Statistics. Initial translation credit to Science, Technology and Education Section, Embassy of Switzerland in China.

### 01 Natural and Physical Sciences (100)

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<th>Discipline</th>
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Geography (3)
Peking University
Nanjing Normal University
Beijing Normal University

Geology (6)
Peking University
Nanjing University
China University of Geosciences (Wuhan)
Chengdu University of Technology
Northwest University
China University of Geosciences (Beijing)

Geophysics (3)
Peking University
Wuhan University
University of Science and Technology of China

Marine Science (2)
Xiamen University
Ocean University of China

Mathematics (14)
Peking University
Tsinghua University
Beijing Normal University
Capital Normal University
Nankai University
Jilin University
Northeast Normal University
Fudan University
Shanghai Jiao Tong University
Tsinghua University
University of Science and Technology of China
Jilin University
Central South University
Sun Yat-sen University
Sichuan University

Physics (7)
Peking University
Tsinghua University
Jilin University
Fudan University
Nanjing University
University of Science and Technology of China
South China Normal University

Statistics (7)
Peking University
Renmin University of China
Nankai University
Northeast Normal University
East China Normal University
Shanghai University of Finance and Economics
Xiamen University

Statistics and Operational Research (1)
Tsinghua University

02 Information Technology (16)

Computer Science and Technology (14)
Peking University
Tsinghua University
Beihang University
Xidian University
Harbin Institute of Technology
Shanghai Jiao Tong University
Nanjing University
Southeast University
Zhejiang University
University of Science and Technology of China
Huazhong University of Science and Technology
Beijing University of Post and Telecommunications
Xinjiang University
National University of Defense Technology
### System Science (2)
- Beijing Jiaotong University
- Beijing Normal University

### 03 Engineering and Related Technologies (169)

#### Aeronautical and Astronautic Science and Technology (2)
- Beihang University
- National University of Defense Technology

#### Agricultural Engineering (2)
- China Agricultural University
- Zhejiang University

#### Armament Science and Technology (2)
- Beijing Institute of Technology
- Nanjing University of Science and Technology

#### Biomedical Engineering (3)
- Tsinghua University
- Southeast University
- Peking Union Medical College

#### Chemical Engineering and Technology (9)
- Tsinghua University
- East China University of Science and Technology
- Beijing University of Chemical Technology
- Nanjing University
- Tianjin University
- Ningxia University
- Taiyuan University of Technology
- Shihezi University
- Shanghai Jiao Tong University

#### Civil Engineering (8)
- Tsinghua University
- Shanghai Jiao Tong University
- Beijing University of Technology
- Southeast University
- Harbin Institute of Technology
- Guangxi University
- Tongji University
- Chongqing University

#### Control Science and Engineering (9)
- Peking University
- Harbin Institute of Technology
- Tsinghua University
- Shanghai Jiao Tong University
- Beijing University
- Southeast University
- Beijing Institute of Technology
- Zhejiang University
- Northeastern University

#### Electric Engineering (3)
- Tsinghua University
- North China Electric Power University
- Hebei University of Technology

#### Electric Science and Technology (1)
- University of Electronic Science and Technology of China

#### Electrical Engineering (4)
- Zhejiang University
- Huazhong University of Science and Technology
- Chongqing University
- Xi’an Jiaotong University
**Electronic Science and Technology (5)**
- Peking University
- Shanghai Jiao Tong University
- Southeast University
- Nanjing University of Posts and Telecommunications
- Sun Yat-sen University

**Engineering (1)**
- Dalian University of Technology

**Environmental Science and Engineering (9)**
- Peking University
- Tsinghua University
- Beijing Normal University
- Harbin Institute of Technology
- Fudan University
- Tongji University
- Nanjing University
- Hohai University
- Zhejiang University

**Food Science and Engineering (2)**
- China Agricultural University
- Jiangnan University

**Forestry Engineering (2)**
- Northeast Forestry University
- Nanjing Forestry University

**Geological Resources and Geological Engineering (4)**
- China University of Petroleum (East China)
- China University of Petroleum (Beijing)
- China University of Geosciences (Wuhan)
- China University of Geosciences (Beijing)

**Hydraulic Engineering (2)**
- Tsinghua University
- Hohai University

**Information and Communication Engineering (8)**
- Tsinghua University
- Xi'an Jiaotong University
- Shanghai Jiao Tong University
- Southeast University
- University of Electronic Science and Technology of China
- Beijing University of Post and Telecommunications
- Xidian University
- National University of Defense Technology

**Instrument Science and Technology (2)**
- Tsinghua University
- Beihang University

**Light Industry Technology and Engineering (2)**
- Jiangnan University
- South China University of Technology

**Machinery & Aerospace and Manufacturing Engineering (1)**
- Fudan University

**Management Science and Engineering (6)**
- Tsinghua University
- Tianjin University
- Zhejiang University
- Hefei University of Technology
- Xi'an Jiaotong University
- National University of Defense Technology

**Materials Science and Engineering (30)**
- Peking University
- Tsinghua University
- Beihang University
- Southeast University
- Zhejiang University
- Anhui University
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**Mechanical and Aeronautical & Manufacturing Engineering (1)**

**Peking University**

**Mechanical Engineering (10)**

| University of Science and Technology Beijing |                                  |
| Tsinghua University |                                  |
| Harbin Institute of Technology |                                  |
| Shanghai Jiao Tong University |                                  |
| Shanghai University |                                  |
| Zhejiang University |                                  |
| Hunan University |                                  |
| Chongqing University |                                  |
| Xi'an Jiaotong University |                                  |
| Huazhong University of Science and Technology |                                  |
| Northwestern Polytechnical University |                                  |

**Mechanics (7)**

| University of Science and Technology Beijing |                                  |
| Tsinghua University |                                  |
| Beihang University |                                  |
| Peking University |                                  |
| Harbin Institute of Technology |                                  |
| Xi'an Jiaotong University |                                  |
| Ningbo University |                                  |
| Nanjing University of Aeronautics and Astronautics |                                  |

**Metallurgical Engineering (2)**

| University of Science & Technology Beijing |                                  |
| Central South University |                                  |
| University of Science and Technology Beijing |                                  |

**Mining Engineering (6)**

| University of Science and Technology Beijing |                                  |
| Wuhan University |                                  |
| Central South University |                                  |
| Nanjing University |                                  |
| University of Science and Technology Beijing |                                  |
| China University of Mining and Technology (Beijing) |                                  |

**Naval Architecture and Ocean Engineering (2)**

| University of Science and Technology Beijing |                                  |
| Harbin Engineering University |                                  |
| Shanghai Jiao Tong University |                                  |

**Nuclear Science and Technology(2)**

| University of Science and Technology Beijing |                                  |
| Tsinghua University |                                  |
| University of Science and Technology Beijing |                                  |

**Optical Engineering(2)**

| University of Science and Technology Beijing |                                  |
| Zhejiang University |                                  |
| University of Science and Technology Beijing |                                  |

**Petroleum and Natural Gas Engineering(3)**

| University of Science and Technology Beijing |                                  |
| Southwest Petroleum University |                                  |
| China University of Petroleum (Beijing) |                                  |
| China University of Petroleum (East China) |                                  |

**Power Engineering and Engineering Thermo-physics(3)**

| University of Science and Technology Beijing |                                  |
| Tsinghua University |                                  |
| Xi'an Jiaotong University |                                  |
| University of Science and Technology Beijing |                                  |
| Huazhong University of Science and Technology |                                  |
Safety Science and Engineering (3)
China University of Mining and Technology
University of Science and Technology of China

Software Engineering (5)
Peking University
Tsinghua University
Beihang University
Zhejiang University
National University of Defense Technology

Textile Science and Engineering (2)
Tianjin Polytechnic University
Donghua University

Traffic Engineering (4)
Dalian Maritime University
Southeast University
Southwest Jiaotong University
Chang'an University

04 Architecture and Building (11)

Architecture (3)
Tsinghua University
Tongji University
Southeast University

Landscape Architecture (4)
Tsinghua University
Beijing Forestry University
Tongji University
Southeast University

Surveying and Mapping (2)
Tongji University
Wuhan University

Urban and Rural Planning (2)
Tsinghua University
Tongji University

05 Agriculture, Environmental and Related Studies (25)

Agricultural Resources and Environment (2)
China Agricultural University
Nanjing Agricultural University

Agriculture and Forestry Economic Management (3)
Renmin University of China
Zhejiang University
Huazhong Agricultural University

Agriculture Science (2)
South China University of Technology
Northwest A&F University

Animal Husbandry (3)
China Agricultural University
Huazhong Agricultural University
Northeast Agricultural University
Crop Science (4)
China Agricultural University
Nanjing Agricultural University
Hainan University
Sichuan Agricultural University

Aquatic Products (2)
Shanghai Ocean University
Ocean University of China

Forestry Science (2)
Beijing Forestry University
Northeast Forestry University

Gardening (2)
Zhejiang University
Huazhong Agricultural University

Grassology (2)
China Agricultural University
Lanzhou University

Plant Protection (3)
China Agricultural University
Guizhou University
Zhejiang University

06 Health (46)

Basic Medical Sciences (8)
Peking University
Fudan University
Shanghai Jiao Tong University
Zhejiang University
Huazhong University of Science and Technology
Sun Yat-sen University
Sichuan University
The Second Military Medical University

Clinical Medicine (8)
Peking University
Peking Union Medical College
Tianjin Medical University
Fudan University
Shanghai Jiao Tong University
Zhengzhou University
Sun Yat-sen University
The Fourth Military Medical University

Integrated Chinese and Western Medicines (2)
Fudan University
Beijing University of Chinese Medicine

Nursing (2)
Peking University
Sichuan University

Pharmacy (7)
Peking University
Peking Union Medical College
Fudan University
Shanghai Jiao Tong University
Zhejiang University
Sun Yat-sen University
Jinan University

Public Health and Preventive Medicine (2)
Peking University
Huazhong University of Science and Technology
Science of Chinese Pharmacology (4)
Beijing University of Chinese Medicine  Nanjing University of Traditional Chinese Medicine
China Pharmaceutical University  Shanghai University of Traditional Chinese Medicine

Sports Science (2)
Beijing Sport University  Shanghai University of Sport

Stomatology (4)
Peking University  Wuhan University
Shanghai Jiao Tong University  Sichuan University

Traditional Chinese Medicine (5)
Beijing University of Chinese Medicine  Shanghai University of Traditional Chinese Medicine
Guangzhou University of Chinese Medicine  Chengdu University of Traditional Chinese Medicine
Tianjin University of Traditional Chinese Medicine

Veterinary Medicine (2)
China Agricultural University  Huazhong Agricultural University

07  Education (2)

Education Science (2)
Beijing Normal University  East China Normal University

08  Management and Commerce (10)

Accounting and Finance (1)
Tsinghua University

Business Administration (4)
Renmin University of China  Sun Yat-sen University
Tsinghua University  Xi'an Jiaotong University

Business and Management (2)
Peking University  Shanghai Jiao Tong University

Public Administration (2)
Renmin University of China  Tsinghua University

Social Policy and Management (1)
Peking University
09 Society and Culture (71)

Applied Economics (6)
Peking University
Renmin University of China
Liaoning University

University of International Business and Economics
Central University of Finance and Economics
Southwestern University of Finance and Economics

Archaeology (2)
Peking University

Jilin University

Chinese History (4)
Peking University
Renmin University of China

Beijing Normal University
Fudan University

Chinese language and Literature (6)
Peking University
Beijing Normal University
Fudan University

Nanjing University
Central China Normal University
Shaanxi Normal University

Contemporary Linguistics (3)
Peking University
Fudan University

Tsinghua University

Economics and Econometrics (1)
Tsinghua University

Ethnology (2)
Minzu University of China

Yunnan University

Foreign Language and Literature (6)
Peking University
Beijing Foreign Studies University
Yanbian University

Shanghai International Studies University
Nanjing University
Hunan Normal University

History of Science and Technology (2)
University of Science & Technology Beijing

University of Science and Technology of China

Law (6)
Peking University
Renmin University of China
Tsinghua University

China University of Political Science and Law
Wuhan University
Zhongnan University of Economics and Law

Library Information and Archives Management (3)
Renmin University of China
Wuhan University

Nanjing University

Linguistics (2)
Peking University

Beijing Normal University
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<th>Rank</th>
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<td>Theoretical Economics</td>
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<td>Theory of Marxist (Theory of Marxist)</td>
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<td>World History</td>
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<td>Peking University, Nankai University, Northeast Normal University</td>
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<tr>
<td>Creative Arts (Art and Design)</td>
<td>15</td>
<td>Art and Design (1) Tongji University, Artistic Theory (2) Peking University, Southeast University, Design (2) Tsinghua University, Central Academy of Fine Arts, Drama and Film Studies (3) Beijing Normal University, The Central Academy of Drama, Fine Arts (2) Central Academy of Fine Arts, China Academy of Art</td>
</tr>
</tbody>
</table>
Journalism and Communication (2)
Renmin University of China
Communication University of China

Music and Dance Studies (3)
Central Conservatory of Music
Shanghai Conservatory of Music
China Conservatory of Music