

Second round announced of Double First-Class initiative

(Information as at August 2022)

Chinese authorities have recently released the combined list of institutions and disciplines for the second round of the Double First-Class Initiative (DFC)[[1]](#endnote-1). Along with the new list, a supporting “opinions” document[[2]](#endnote-2) was issued. The new round suggests a heightened focus on international collaboration and exchange, including exploration of new mechanisms for exchange with top foreign institutions.

The DFC, announced in 2015, is China’s largest higher education development scheme to date and is aimed at lifting the quality of China’s higher education system as well as positioning China as an education powerhouse by 2035. The first round[[3]](#endnote-3) of the project, which ran from 2016 to 2020, identified actions such as enhancing international collaboration and exchange and fully embracing global innovation networks as mechanisms to achieve these overarching goals.

# Key changes

The second round, according to the opinions statement, emphasises the need to produce top-tier professionals and serve national strategic objectives, both of which were noted as shortcomings in the first round in the opinion document.

One of the most significant changes in the second round is that the previously separated lists of universities and programs/disciplines[[4]](#endnote-4) have been merged into a single comprehensive list. This aims to shift the emphasis from identifying first-class universities to increase program/discipline strength and produce top professionals in line with China’s strategic needs. While the list has been combined, the project will continue to separately develop universities and programs/disciplines.

The second round added 7 universities[[5]](#endnote-5) to the initial 140, bringing the total number of listed universities to 147. For universities that were in the first round, 49 new disciplines were added, and 13 disciplines were modified. *(See* ***Appendix A*** *for the combined list of institutions and disciplines for the second round of DFC, as translated by the Education and Research Section of the Australian Embassy in China)*

A strategy to support "some institutions striving to be among the best in the world" has given Peking University and Tsinghua University the flexibility to conduct their own self-evaluations and publish their own lists of world-class subjects in the second round. This strategy is expected to expand to other universities in the future.

Along with the list of the second round, warnings were issued to 16 disciplines at 15 institutions from the first round after they fell behind in their overall progress and failed to meet expectations. They will be withdrawn from the project if they fail the evaluation again in 2023.

# Key areas of focus

According to the opinion document, the second round will focus on producing professionals in areas that serve national strategic needs, including cutting-edge technologies and critical research fields, such as *science, engineering, agriculture and medicine*, as well as professionals with inter-disciplinary strengths in *integrated circuits, artificial intelligence, energy storage technology, and digital economy.*

[Foundational subjects](https://www.dese.gov.au/international-education-engagement/resources/china-announces-university-disciplines-reform-plan-strengthen-foundation-subjects), such as mathematics, physics, chemistry, biology, history, philosophy and palaeography (study of ancient and medieval handwriting)[[6]](#endnote-6), will continue to be prioritised under this development round as a means to generate a talent pool for China’s development agenda and innovation.

This is reflected in the latest list, which sees 59 disciplines in Foundational subjects, 180 engineering related disciplines/programs and 92 in areas of philosophy and social sciences. [[7]](#endnote-7)

# International Cooperation and Exchange

When compared to State Council views published in 2017[[8]](#endnote-8) on the first round, the second round appears to have a heightened focus on opening up. That 2017 document, for example, included a reference to “*promote* international collaboration and exchange”, whereas the 2022 opinions document elevates that to “*comprehensively lift the level of* international collaboration and exchange” (emphasis added).

The 2022 document specifies institutions should “**Expand international cooperation and exchanges to improve competitiveness**” and “**fully embrace the global innovation network**”, including through developing quality foreign affairs management systems for exchange with top foreign institutions, exploring new mechanisms of two-way exchange, mutual recognition of credits, joint issuance of degrees and establishing platforms for promoting education and culture exchange – none of which were mentioned in the 2017 document.

The 2022 document also calls for lifting the education quality and quantity of inbound foreign students who study full-degree programs. Universities are encouraged to set up international academic organisations and university alliances, and to host high-level forums. The ambitious “Belt and Road” Education Action Plan will continue to be supported.

# Assessment of outcome

The opinions document notes that the DFC project is complex and challenging, requiring a long time to achieve significant results, and will therefore not be assessed purely based on performance on rankings and other quantitative measures.

According to the MoE[[9]](#endnote-9), the assessment of the DFC initiative is based on the assessment handbook[[10]](#endnote-10) issued in March 2021, which separates assessment into “university development” and “program/discipline development”.

One of the key assessment criteria for university development is its performance on “*Strengthening the overall leadership of the Party*[[11]](#endnote-11) *and the effectiveness of governance system reform*”. Other elements include: *Education outcome, performance of teaching force, scientific research achievements, level of social services, conserving and promoting cultural heritage and innovation, and international exchange and cooperation*.

Criteria for assessing programs/disciplines include *achievement on producing top professionals, research outcomes, contribution to society, and performance of teaching force*.

A university's international exchange and cooperation outcomes are assessed based on extent to which they leverage domestic and international educational resources, strengthen education and research capabilities, and support China's outward strategy. Universities are encouraged to expand their global influence by adopting and strengthening multiple channels for international exchange and cooperation.

The assessment handbook says the DFC project will investigate the possibility of establishing an international comparison mechanism for discipline/program development to benchmark DFC projects against top universities around the world in order to assess discipline/program performance, influence, and potential.

# Looking forward

Despite the fact that the DFC is China's largest higher education development scheme to date, the plan's 140+ universities cover only about 11% of China's regular higher education institutions – similar to the coverage of the Project 211[[12]](#endnote-12).

The DFC is updated every five years and assessed every two and a half years, however, unlike the 211 and 985[[13]](#endnote-13) projects. This allows the authorities to tailor the project to the country's overall development plan, which includes international exchange and cooperation, and potentially expand it in future rounds.

For further enquiries, please contact the Education and Research Section of the Australian Embassy in Beijing.

# Appendix A

**“Double First-Class” initiative development list (2nd round)**

 **(Sorted by province and university)**

**Note:** The list was published by the Ministry of Education of the People’s Republic of China in Feb 2022. This literal translation of the list is prepared by the Education and Research Section, Australian Embassy, Beijing. It is provided as a working tool, and is provided "as is". No warranty of any kind, either expressed or implied, is made as to the accuracy, correctness, or reliability of any translations. Only the original official version should prevail as a source of reference.

**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 | Physics |
| Chemistry | Astronomy |
| Geophysics | Biology |
| History of Science and Technology | Materials Science and Engineering |
| Computer Science and Technology | Nuclear Science and Technology |
| Safety Science and Engineering |  |

**Beijing (91)**

***Beihang University (8)***

|  |  |
| --- | --- |
| Mechanics | Instrument Science and Technology |
| Materials Science and Engineering | Control Science and Engineering |
| Computer Science and Technology | Aeronautical and Astronautic Science and Technology |
| Software Engineering | Traffic and Transport Engineering |

***Beijing Foreign Studies University (1)***

Foreign Language and literature

***Beijing Forestry University (2)***

|  |  |
| --- | --- |
| Landscape Architecture | Forestry Science |

***Beijing Institute of Technology (4)***

|  |  |
| --- | --- |
| Materials Science and Engineering | Control Science and Engineering |
| Armament Science and Technology | Physics |

***Beijing Jiaotong University (1)***

System Science

***Beijing Normal University (12)***

|  |  |
| --- | --- |
| Pedagogy | Psychology |
| Chinese language and Literature | Chinese History |
| Mathematics | Geography |
| System Science | Ecology |
| Environmental Science and Engineering | Drama and Film Studies |
| Foreign Languages and Literature | Philosophy  |

***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 |
| Agrostology |  |

***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)***

|  |  |
| --- | --- |
| Safety Science and Engineering | Mining Engineering |

***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 (5)***

|  |  |
| --- | --- |
| Biology | Biomedical Engineering |
| Clinical Medicine | Pharmaceutical Sciences |
| Public Health and Preventive Medicine |  |

***Peking University***

*(To be decided and made public by the institution)*

***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

***Tsinghua University***

*(To be decided and made public by the institution)*

***University of Chinese Academy of Sciences (2)***

|  |  |
| --- | --- |
| Chemistry | Materials Science and Engineering |

***University of International Business and Economics (1)***

Applied Economics

***University of Science & Technology Beijing (4)***

|  |  |
| --- | --- |
| History of Science and Technology | Materials Science and Engineering |
| Metallurgical Engineering | Mining Engineering |

***China University of Petroleum (Beijing) (2)***

|  |  |
| --- | --- |
| Petroleum and Natural Gas Engineering | Geological Resources and Geological Engineering |

***Minzu University of China (1)***

Ethnology

**Chongqing (5)**

***Chongqing University (3)***

|  |  |
| --- | --- |
| Mechanical Engineering | Electrical Engineering |
| Civil Engineering |  |

***Southwest University (2)***

|  |  |
| --- | --- |
| Biology | Pedagogy |

**Fujian (7)**

***Fuzhou University (1)***

Chemistry

***Xiamen University (6)***

|  |  |
| --- | --- |
| Chemistry | Marine Science |
| Biology | Ecology |
| Statistics | Pedagogy |

**Gansu (4)**

***Lanzhou University (4)***

|  |  |
| --- | --- |
| Chemistry | Atmosphere Science |
| Ecology | Agrostology |

**Guangdong (21)**

***Sun Yat-sen University (11)***

|  |  |
| --- | --- |
| Philosophy | Mathematics |
| Chemistry | Biology |
| Ecology | Materials Science and Engineering |
| Electronic Science and Technology | Basic Medical Sciences |
| Clinical Medicine | Pharmaceutical Sciences |
| Business Administration |  |

***Jinan University (1)***

Pharmaceutical Sciences

***South China University of Technology (4)***

|  |  |
| --- | --- |
| Chemistry | Materials Science and Engineering |
| Light Industry Technology and Engineering | Food Science and Engineering |

***Guangzhou University of Chinese Medicine (1)***

Traditional Chinese Medicine

***South China Normal University (1)***

Physics

***South China Agricultural University (1)***

Crop Science

***Guangzhou Medical University (1)***

Clinical Medicine

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

Mathematics

**Guangxi (1)**

***Guangxi University (1)***

Civil Engineering

**Guizhou (1)**

***Guizhou University (1)***

Plant Protection

**Hainan (1)**

***Hainan University (1)***

Crop Science

**Heilongjiang (12)**

***Harbin Institute of Technology (8)***

|  |  |
| --- | --- |
| Mechanics | Mechanical Engineering |
| Materials Science and Engineering | Control Science and Engineering |
| Computer Science and Technology | Civil Engineering |
| Environmental Science and Engineering | Aerospace science and Technology |

***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 | Materials Science and Engineering |
| Chemistry |  |

***Henan University (1)***

Biology

**Hubei (32)**

|  |  |
| --- | --- |
| ***Wuhan University (11)*** |  |
| Theoretical Economics | Law |
| Theory of Marxist | Chemistry |
| Geophysics | Biology |
| Surveying and Mapping | Library Information and Archives Management |
| Stomatology | Hydraulic Engineering |
| Civil Engineering |  |

***Huazhong University of Science and Technology (9)***

|  |  |
| --- | --- |
| Mechanical Engineering | Optical Engineering |
| Materials Science and Engineering | Power Engineering and Engineering Thermo-physics |
| Electrical Engineering | Computer Science and Technology |
| Basic Medical Sciences | Public Health and Preventive Medicine |
| Clinical 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 | Gardening |
| Animal Husbandry | Veterinary Medicine |
| Agriculture and Forestry Economic Management |  |
| ***Central China Normal University (3)*** |  |
| Political Science | Chinese language and Literature |
| Pedagogy |  |

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

Law

**Hunan (15)**

|  |  |
| --- | --- |
| ***Hunan University (3)*** |  |
| Chemistry | Mechanical Engineering |
| Electrical Engineering  |  |
| ***Central South University (5)*** |  |
| Mathematics | Materials Science and Engineering |
| Metallurgical Engineering | Mining Engineering |
| Traffic and Transport Engineering |  |
| ***Hunan Normal University (1)*** |  |
| Foreign Language and literature |  |

***National University of Defense Technology (5)***

|  |  |
| --- | --- |
| Computer Science and Technology | Information and Communication Engineering |
| Software Engineering | Aeronautical and Astronautic Science and Technology |
| Management Science and Engineering |  |
|  |  |
| ***Xiangtan University (1)*** |  |
| Mathematics  |  |

**Inner Mongolia (1)**

***Inner Mongolia University (1)***

Biology

**Jiangsu (48)**

|  |  |
| --- | --- |
| ***Nanjing University (16)*** |  |
| Philosophy | Chinese Language and Literature |
| Foreign Language and literature | Physics |
| Chemistry | Astronomy |
| Atmosphere Science | Geology |
| Biology | Materials Science and Engineering |
| Computer Science and Technology | Chemical Engineering and Technology |
| Mining Engineering | Environmental Science and Engineering |
| Library Information and Archives Management | Theoretical Economics |
| ***Soochow University (1)*** |  |
| Materials Science and Engineering |  |
| ***Southeast University (12)*** |  |
| Materials Science and Engineering | Electronic Science and Technology |
| Control Science and Engineering | Information and Communication Engineering |
| Computer Science and Technology | Architecture |
| Civil Engineering | Traffic and Transport Engineering |
| Biomedical Engineering | Landscape Architecture |
| Artistic Theory | Mechanical Engineering |

***Nanjing University of Aeronautics and Astronautics (3)***

|  |  |
| --- | --- |
| Mechanics | Control Science and Engineering |
| Aerospace Science and Technology |  |

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

|  |  |
| --- | --- |
| Armament Science and Technology |  |

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

|  |  |
| --- | --- |
| Safety Science and Engineering | Mining Engineering |

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

|  |  |
| --- | --- |
| Electronic Science and Technology |  |
| ***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 |  |
|  |  |
| ***Nanjing Medical University (1)*** |  |
| Public Health and Preventive Medicine |  |

**Jiangxi (1)**

|  |  |
| --- | --- |
| ***Nanchang University (1)*** |  |
| Materials Science and Engineering |  |

**Jilin (13)**

|  |  |
| --- | --- |
| ***Jilin University (6)*** |  |
| Archaeology | Mathematics |
| Physics | Chemistry |
| Materials Science and Engineering | Biology |
| ***Yanbian University (1)*** |  |
| Foreign Language and literature |  |
| ***Northeast Normal University (6)*** |  |
| Theory of Marxist | World History |
| Pedagogy  | Chemistry |
| Statistics | Materials Science and Engineering |

**Liaoning (7)**

|  |  |
| --- | --- |
| ***Liaoning University (1)*** |  |
| Applied Economics |  |
| ***Dalian University of Technology (3)*** |  |
| Mechanics | Mechanical Engineering |
| Chemical Engineering and Technology  |  |
| ***Northeastern University (2)*** |  |
| Control Science and Engineering | Metallurgical engineering  |
| ***Dalian Maritime University (1)*** |  |
| Traffic and Transport Engineering |  |

**Ningxia (1)**

|  |  |
| --- | --- |
| ***Ningxia University (1)*** |  |
| Chemical Engineering and Technology |  |

**Qinghai (1)**

|  |  |
| --- | --- |
| ***Qinghai University (1)*** |  |
| Ecology |  |

**Shaanxi (20)**

|  |  |
| --- | --- |
| ***Northwest University (2)*** |  |
| Geology | Archaeology |
| ***Xi'an Jiaotong University (8)*** |  |
| Mechanics | Mechanical Engineering |
| Materials Science and Engineering | Power Engineering and Engineering Thermo-physics |
| Electrical Engineering | Control Science and Engineering |
| Management Science and Engineering | Business Administration |

***Northwestern Polytechnical University (3)***

|  |  |
| --- | --- |
| Mechanical Engineering | Materials Science and Engineering |
| Aerospace Science and Technology |  |
| ***Xidian University (2)*** |  |
| Computer Science and Technology | Information and Communication Engineering |
| ***Chang'an University (1)*** |  |
| Traffic and Transport Engineering |  |
| ***Northwest A&F University (2)*** |  |
| Plant protection | Animal husbandry |
| ***Shaanxi Normal University (1)*** |  |
| Chinese language and Literature |  |

***Air Force Medical University (aka The Fourth Military Medical University) (1)***

|  |  |
| --- | --- |
| Clinical Medicine |  |

**Shandong (8)**

|  |  |
| --- | --- |
| ***Shandong University (4)*** |  |
| Mathematics | Chemistry |
| Chinese Language and Literature | Clinical Medicine |
| ***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 (64)**

|  |  |
| --- | --- |
| ***Fudan University (20)*** |  |
| 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 |
| Pharmaceutical Sciences | Integrated Circuit Science and Engineering  |
| Applied Economics | Marxist Theory  |
| Public Health and Preventive Medicine | Foreign Languages and Literature  |
| ***Tongji University (8)*** |  |
| Architecture | Civil Engineering |
| Surveying and Mapping | Environmental Science and Engineering |
| Urban and Rural Planning | Landscape Architecture |
| Biology | Design  |
| ***Shanghai Jiao Tong University (18)*** |  |
| Mathematics | Chemistry |
| Biology | Mechanical Engineering |
| Materials Science and Engineering | Information and Communication Engineering |
| Control Science and Engineering | Computer Science and Technology |
| Civil Engineering | Chemical Engineering and Technology |
| Naval Architecture and Ocean Engineering | Basic Medical Sciences |
| Clinical Medicine | Stomatology |
| Pharmaceutical Sciences | Physics |
| Electronic Science and Technology | Business Administration |

***East China University of Science and Technology (3)***

|  |  |
| --- | --- |
| Chemistry | Materials Science and Engineering |
| Chemical Engineering and Technology |  |
| ***Donghua University (2)*** |  |
| Textile Science and Engineering | Materials 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)*** |  |
| Pedagogy | Ecology |
| Statistics |  |

***Shanghai International Studies University (1)***

|  |  |
| --- | --- |
| Foreign Language and literature |  |

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

|  |  |
| --- | --- |
| Applied Economics |  |
| ***Shanghai University of Sport (1)*** |  |
| Sports Science |  |
| ***Shanghai Conservatory of Music (1)*** |  |
| Music and Dance Studies |  |
| ***Shanghai University (1)*** |  |
| Mechanical Engineering |  |

***Naval Medical University (The Second Military Medical University) (1)***

|  |  |
| --- | --- |
| Basic Medical Sciences |  |
|  |  |
| ***ShanghaiTech University (1)***  |  |
| Materials Science and Engineering |  |

**Shanxi (3)**

|  |  |
| --- | --- |
| ***Taiyuan University of Technology (1)*** |  |
| Chemical Engineering and Technology |  |
|  |  |
| ***Shanxi University (2)*** |  |
| Philosophy | Physics |

**Sichuan (14)**

|  |  |
| --- | --- |
| ***Sichuan University (6)*** |  |
| Mathematics | Chemistry |
| Materials Science and Engineering | Basic Medical Sciences |
| Stomatology | Nursing |
| ***Southwest Jiaotong University (1)*** |  |
| Traffic and Transport 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)*** |  |
| Geological Resources and Geological Engineering |  |
| ***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 (15)**

|  |  |
| --- | --- |
| ***Nankai University (6)*** |  |
| World History | Mathematics |
| Chemistry | Statistics |
| Materials Science and Engineering | Applied Economics |
| ***Tianjin University (5)*** |  |
| Chemistry | Materials Science and Engineering |
| Chemical Engineering and Technology | Management Science and Engineering |
| Power Engineering and Engineering Thermo-physics |  |
| ***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 (23)**

|  |  |
| --- | --- |
| ***Zhejiang University (21)*** |  |
| Chemistry | Biology |
| Ecology | Mechanical Engineering |
| Optical Engineering | Materials Science and Engineering |
| Electrical Engineering | Control Science and Engineering |
| Computer Science and Technology | Agricultural Engineering |
| Environmental Science and Engineering | Software Engineering |
| Gardening | Plant Protection |
| Basic Medical Sciences | Pharmaceutical Sciences |
| Management Science and Engineering | Agriculture and Forestry Economic Management |
| Clinical Medicine | Civil Engineering |
| Power Engineering and Engineering Thermo-physics |  |
| ***China Academy of Art (1)*** |  |
| Fine Arts |  |
| ***Ningbo University (1)*** |  |
| Mechanics |  |

1. The People's Republic of China, Ministry of Education, “教育部财政部国家发展改革委关于公布第二轮“双一流”建设高校及建设学科名单的通知(*Notice of the Ministry of Education, Ministry of Finance and National Development and Reform Commission on the Announcement of the Second Round of "Double First-Class" Universities and Disciplines)*”, 11 Feb 2022. <http://www.moe.gov.cn/srcsite/A22/s7065/202202/t20220211_598710.html> [↑](#endnote-ref-1)
2. The People's Republic of China, Ministry of Education, “教育部财政部国家发展改革委关于深入推进世界一流大学和一流学科建设的若干意见 (*Several Opinions of the Ministry of Education, Ministry of Finance and the National Development and Reform Commission on Further Promoting the Construction of World-Class Universities and First-Class Disciplines)*”, 29 Jan 2022. <http://www.moe.gov.cn/srcsite/A22/s7065/202202/t20220211_598706.html> [↑](#endnote-ref-2)
3. See previous policy updates published by the Education and Research Section of the Australian Embassy in China: [*Double First-Class university and discipline policy update*](https://www.dese.gov.au/international-education-engagement/resources/double-firstclass-university-and-discipline-policy-update) (Dec 2017) and [*Implementation measures released for China's new world-class university policy*](https://www.dese.gov.au/international-education-engagement/resources/implementation-measures-released-chinas-new-worldclass-university-policy) (Feb 2017). [↑](#endnote-ref-3)
4. When the plan refers to a discipline/program, it means a narrow field of study or discipline cluster offered by an individual university. For example, two universities might meet the standard to be considered world class in Earth Sciences. This would count as two disciplines under the “Double First-Class” plan. [↑](#endnote-ref-4)
5. The seven newly added universities and their respective disciplines are: **Shanxi University** (philosophy, Mathematics); **Nanjing Medical University** (Public health and preventive medicine); **Xiangtan** **University** (Mathematics); **South China Agricultural University** (Crop Science); **Guangzhou Medical University** (clinical medicine); **Southern University of Science and Technology** (Mathematics); **ShanghaiTech University** (Material Science and Engineering). [↑](#endnote-ref-5)
6. As outlined in the “[Strong Foundation Program](https://www.dese.gov.au/international-education-engagement/resources/china-announces-university-disciplines-reform-plan-strengthen-foundation-subjects)” announced by the Chinese Ministry of Education in January 2020. [↑](#endnote-ref-6)
7. "*China To Further Promote The Double First-Class Initiative*". Ministry of Education, The People’s Republic of China, February 2022, <http://en.moe.gov.cn/news/press_releases/202203/t20220301_603547.html>. [↑](#endnote-ref-7)
8. The People's Republic of China, The State Council, “国务院关于印发统筹推进世界一流大学和

一流学科建设总体方案的通知 (*The State Council on the Issuance of the General Plan for the Coordinated Promotion of World-Class Universities and First-class Discipline Construction Overall Plan)*”, 24 Oct 2015. <http://www.moe.gov.cn/jyb_xxgk/moe_1777/moe_1778/201511/t20151105_217823.html> [↑](#endnote-ref-8)
9. The People's Republic of China, Ministry of Education, “服务创新发展，完善管理机制推动高层次人才培养与高水平科学研究相互促进——教育部有关负责人就第二轮“双一流”建设有关情况答记者问 (*Serving innovation and development, improving management mechanism, promoting the mutual promotion of high-level talent training and high-level scientific research -- Ministry of Education representative answers reporters' questions on the second round of ‘Double First-Class’)*”, 13 Feb 2022. <http://www.moe.gov.cn/jyb_xwfb/s271/202202/t20220214_599080.html> [↑](#endnote-ref-9)
10. The People's Republic of China, Ministry of Education, “教育部 财政部 国家发展改革委关于印发《‘双一流’建设成效评价办法（试行）》的通知 (*Ministry of Education, Ministry of Finance, National Development and Reform Commission on the Issuance of "Evaluation of the Effectiveness of "Double First-class" Construction Measures (for Trial Implementation*)”, 23 Mar 2021. <http://www.moe.gov.cn/srcsite/A22/moe_843/202103/t20210323_521951.html> [↑](#endnote-ref-10)
11. Referring to the Communist Party of China’ [↑](#endnote-ref-11)
12. Project 211, launched in 1996, aims to raise research standards at 112 selected high-level Chinese universities. [↑](#endnote-ref-12)
13. The 985 project is a subset of the 211 project universities, involving 39 universities that were given substantial additional funding. These are generally referred to as China’s top 39 universities. [↑](#endnote-ref-13)