

# A Study on the Management System of Higher Education and Teaching under the Concept of Running First-class Universities Abroad

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**Abstract:** Higher education is an important part of educational work and an important means of cultivating socialist successors, and the management system of higher education and teaching directly affects the quality of higher education. Therefore, based on the comparative analysis of the school-running ideas of domestic and foreign first-class colleges and universities, and drawing on the school-running ideas of foreign first-class colleges and universities, this paper puts forward some strategies for reforming the education and teaching management system of China's colleges and universities.

**Keywords:** Foreign First-Class Universities; School Running Philosophy; Educational and Teaching Management System

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## Introduction

Education is the key to maintain the long-term development of a country, and is also a topic of high concern at home and abroad. Perfecting and reconstructing the educational and teaching management system is an important measure to promote educational reform. In order to promote the long-term development of China's education, it is very necessary to learn from the experience and lessons of foreign first-class universities in the development of education and teaching management system, and point out the direction for the reform of China's education and teaching management system. In particular, we need to learn from the education experience of developed countries such as the United States and the United Kingdom. The education system of the United States is among the top in the world. According to incomplete statistics, about 70% of Nobel laureates in the world work in American universities.

## 1. Educational philosophy

### 1.1 The philosophy of Oxford University

Oxford University is also one of the world's leading universities. During his tenure at Oxford University, John Henry Newman proposed that colleges and universities are important places to explore and disseminate universal knowledge. By the middle of the 19th century, Huxley proposed that Oxford University should carry out scientific education, pay attention to and be honest with scientific research, which is a huge change in the traditional school philosophy of Oxford University. The philosophy of modern Oxford University is to do a good job in teaching and scientific research, pay equal attention to teaching and scientific research, maintain and develop its historical status as a world-class university, and make use of the skills of graduates and the scientific research achievements of the university to contribute to the development of the country and even the international community.

### 1.2 The philosophy of Harvard University in the United States

There is a saying in the United States: "Harvard comes first, then the United States." Harvard University has great influence not only in the United States, but also in the world. Its influence has exceeded the national boundaries of the

United States, and it is a world-renowned first-class university. The educational concept put forward by several presidents of Harvard University is an important ideological guarantee to promote the development of Harvard University. During his tenure at Harvard University, President Eliot proposed that universities should not only do a good job in teaching, but also undertake the function of scientific research, which laid the ideological foundation for Harvard University to develop into a research-oriented university. President Conant proposed that universities should take the pursuit of truth as their main task and expand their knowledge through scientific research. President Derek Bok believes that universities should take the dissemination and discovery of knowledge as their mission. President Lu Dengting proposed that Harvard University should focus on creating knowledge, cultivate students' minds with knowledge, encourage students to respect ideas, advocate free expression of ideas, guide students to discover and think critically, and promote students to discover their interests and abilities, and stimulate their potential. It can be seen that the philosophy of running a school of Harvard University is formed and constantly improved in the process of several presidents' continuous thinking and putting forward.

### **1.3 Educational philosophy of domestic universities**

Taking Peking University as an example, Peking University is the first national university in modern China, which occupies an important position at home and even internationally. The pursuit of excellence, the pursuit of truth, the enrichment of scholarship, the training of talents, the benefit of society, and the service of the people are the summary made by Min Weifang on the philosophy of Peking University. With the continuous development of the times, Peking University's philosophy of running a school is also constantly changing, and has been given a new connotation of the times. Peking University has been committed to exploring the truth, actively exploring in the fields of humanities and social sciences and natural sciences, and has developed many creative achievements. Peking University is the first university in the world to put forward the ambitious goal of creating a world-class university. In terms of talent cultivation, Peking University has always been student-centered, teaching students according to their aptitude, cultivating a large number of talents with innovative skills and spirit for the society, and making outstanding contributions to promoting social development.

## **2. The reference of the concept of running a first-class foreign university to the education and teaching management system of China's universities**

### **2.1 Innovative school running concept**

#### **2.1.1 Formulate high standards and high specifications for talent training**

The concept of running a school is not immutable. It will change and adjust with the development of the industry, the demand of social development for talents, and the development needs and characteristics of the school itself. Domestic colleges and universities should learn from the concept of foreign first-class colleges and universities, develop high-standard and high-standard talent training types, integrate scientific research teaching into daily teaching activities, put forward requirements for students from the perspective of scientific research, and promote the comprehensive improvement of students' knowledge and scientific research ability.

#### **2.1.2 Strengthen general education**

Domestic colleges and universities should follow the pace of development of foreign first-class colleges and universities, and strengthen general education in the process of carrying out comprehensive quality education. In the process of carrying out daily teaching activities, human knowledge such as geography, philosophy, social science, logic, astronomy, etc. can be integrated into it. Some courses related to classic works of Chinese culture can be offered to deepen students' understanding of the excellent traditional Chinese culture and philosophy, stimulate their enthusiasm for learning, and mobilize their learning autonomy. Domestic colleges and universities can combine the characteristics and advantages of different disciplines to divide education into two categories, namely general education and specialized education, and build corresponding curriculum systems. Higher education is a kind of elite education at different levels and stages, and specialized education and general education are two major components of elite education. They complement each other. General education is the foundation of education, and general education is an important means to cultivate students' thinking

ability and basic knowledge. Only by implementing general education well can students better learn professional knowledge at the later stage.

## **2.2 Innovative teaching and scientific research management system**

We can learn from the education and teaching management mode of foreign first-class universities and build the management mode of "big college, small academic affairs office, small science and technology office", select the college with relatively mature conditions as the pilot, and the school will allocate corresponding management personnel for the pilot department, and the college will implement the management, teaching, scientific research and discipline construction of the college. At the same time, the university will allocate enough people, property and property rights necessary for scientific research, teaching and management for the university, implement the system of assigning responsibilities to people, and the president of the university will act as the overall head of the university, while other specific responsibilities for scientific research and teaching will be assigned to the relevant staff of the university according to the type. The educational administration, science and technology and discipline construction management department of the school is responsible for communicating with the superior competent department and the college, and working with other relevant departments to guide and supervise the college, coordinate and coordinate the work, and adjust and optimize the teaching and research management system of the secondary colleges and universities of the school. Implement the management of scientific research and teaching process in place, build a relatively sound monitoring system of scientific research and teaching quality, implement the supervision and management of teaching and scientific research quality, build a perfect evaluation system and evaluation system for schools and colleges, constantly innovate and reform the management of teaching and scientific research, and improve the quality of teaching and scientific research management.

## **2.3 Innovative teaching concepts, models and methods**

### **2.3.1 Innovative curriculum system**

According to the goal of talent training, the corresponding curriculum system should be established, and the contents of general education courses in various disciplines and specialties should be added or adjusted in a targeted way. The four classics should be considered as the first choice, supplemented by courses such as traditional Chinese medicine, traditional culture, medical history, and humanistic philosophy. Simplify more complex professional courses and give students enough time for independent learning, thinking and practice.

### **2.3.2 Implement the tutorial system for college students**

Learning from the practices of Oxford and Harvard, each college can arrange a tutor for each or several students to guide and cultivate students to behave, develop good study and life habits, participate in the tutor's scientific research and academic activities, establish scientific thinking and attitude, and cultivate the ideal and belief of pursuing true knowledge, which is conducive to the comprehensive growth and comprehensive development of students.

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