

# Research on the Development of Financial and Economic Subjects under "New Economic Management"

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## Abstract

**Economy class specialty is an important part of national innovation system construction, because the traditional undergraduate training structure already can not adapt to "new management" concept, based on the financial profession as the research object, research results show that the financial professional course lack of diversity and flexibility, interdisciplinary talents cultivation deficiencies and discipline organization lack of good coordination mechanism. Therefore, this paper puts forward the innovative ideas of the undergraduate discipline construction of finance and economics under the "new economic management", which is of great importance to the exploration of modern economic science in China and the cultivation of high-quality undergraduate economics discipline.**

## Keywords

**The new management; Economic disciplines; Organizations to build.**

## 1. INTRODUCTION

Greater efforts should be made to set up cross-discipline groups, strengthen collaborative innovation among disciplines, and strengthen support for original, systematic and leading research, Xi said. With the continuous development of the Internet and big data, China's development mode and industrial structure have been transformed and adjusted accordingly, which requires continuous updating of the knowledge structure, quality and ability of specialized talents in economic higher education. The research object of this paper is mainly to analyze the organizational structure of the cultivation of finance and economics undergraduates through the development of Internet technology, and to explore the organizational model of the comprehensive interdisciplinary development of finance and economics undergraduates in China, so as to provide systematic theoretical research and powerful theoretical support for the realization of the goal of comprehensive education of university undergraduates.

Scholars at home and abroad have made more in-depth research on the subject development and achieved fruitful results. Most scholars mainly focus on the analysis of the four aspects of subject teaching, subject service, subject integration and subject evaluation, but there are few discussions on the systematic analysis of the problems existing in the subject development and talent cultivation in China at the present stage and the measures to solve the linkage mechanism.

The state and index of discipline construction is an important symbol of the development level of a university at home and abroad, and is also the main basis of university ranking at home and abroad. Therefore, discipline construction is the leader of the work of a university. Discipline construction should be based on the requirements of scientific research development divided by social service needs and the construction of knowledge categories in work fields, and the establishment of specialized knowledge systems to meet the needs of talent cultivation (Bie

Dunrong, 2019). Since the 20th century, with the continuous emergence of Internet technology and knowledge, disciplinary knowledge has been highly integrated and differentiated. Due to the constant changes in the structure of new knowledge, interdisciplinary disciplines have emerged as a result of the comprehensive development of science. Institutions of higher learning should adapt to the needs of local economic and social development, improve the contribution of disciplines to society, develop interdisciplinary disciplines, focus on enhancing disciplinary characteristics, and cultivate applied disciplines (Qiu Yue, 2018). Discipline reform must give play to the coordinating role of universities in different disciplines, based on the development of undergraduate education, under the guidance of educational laws, constantly innovate the way and system of talent training, and gradually adjust and optimize the discipline structure of higher education. Cultivate versatile talents for the society (Huang Haijun, Li Ligu, 2016).

Through research, it is found that there are mainly three basic modes of interdisciplinary training for undergraduates at present, which are curriculum mode, institutionalized mode and project mode respectively. Single discipline mode is developing to cross-discipline mode (Li Xuefei, Cheng Yongbo, 2011). Therefore, improving the structure of interdisciplinary professional knowledge is an important link in the process of formulating and implementing the undergraduate training program. We must actively draw lessons from and attach equal importance to reform and innovation. Realization and adaptability are the key points of discipline adjustment and reform (Jia Honghui, Zhang Zhiyu, 2009).

"New management" high-quality course construction is based on the quality of undergraduate education, with high quality professional construction as the fundamental foothold, with high quality curriculum as the core elements to establish a high quality discipline knowledge system, effectively promote the subject construction and specialty construction closely linked, mutual support, forming good ecological integration coordinated development of disciplines, to truly achieve high quality development of colleges and universities, and comprehensively improve the quality of personnel training and scientific research innovation ability, better service to national and regional development strategy.

## **2. PROBLEMS IN THE DEVELOPMENT OF FINANCE AND ECONOMICS MAJORS**

### **2.1. The Curriculum Lacks Variety and Flexibility**

As undergraduate education is only regarded as a natural extension of undergraduate finance and economics courses, the curriculum setting for undergraduate education does not reflect the flexibility and scientific nature of the courses, nor does it have innovative and contemporary characteristics, nor is it suitable for promoting the education concept of "broad basis and large subjects". Business undergraduate curriculum design in our country on the whole highlighted the professionalism and discipline characteristic, most business curriculum in colleges and universities ignore the foundation course, only pay attention to the professional curriculum construction, lack of the fine course, interdisciplinary or fewer such programs, research methods, etc., made in undergraduate business students to master the research methods, interdisciplinary knowledge structure is single, not good to set up new academic ideas. In addition, the proportion of elective courses is smaller than the proportion of compulsory courses, so undergraduates have less flexibility and freedom in choosing courses according to their own research direction and interests, and it is difficult to stimulate students' enthusiasm for innovation. In terms of the content of undergraduate curriculum, it is more serious to neglect practical courses and attach importance to theoretical courses, which leads to the disconnection between practical courses and theoretical learning.

## **2.2. The Training of Interdisciplinary Talents Is Insufficient**

Due to the continuous development of modern Internet technology, the gap of interdisciplinary talents to adapt to social development is expanding. Most undergraduates of comprehensive interdisciplinary subjects of finance and economics need to learn more related subjects such as mathematics, and colleges and universities have a lot of room for improvement in terms of faculty strength and resource investment. When undergraduates study in the field of finance and economics, they will be faced with problems such as cultural differences in disciplines, insufficient knowledge foundation, mismatch in knowledge structure and so on. The subject acculturation of undergraduates of finance and economics is highly constrained by the guidance of tutors, the arrangement of courses and other factors, and the comprehensive cross-cultural acculturation of undergraduates is also closely related to individual preparation and efforts in the early stage, which leads to the delay and inadequacy of the coping strategies taken by each undergraduate in the face of the cultural differences of disciplines.

## **2.3. Discipline Organization Lacks Good Coordination Mechanism**

The main participants in China's undergraduate education cannot be integrated in an open environment. Most of them take the academic organization model as the main basis according to the discipline, and take the vertical disciplinary structure as the main representative, adopting the "school-school-department" setting mode. The discipline organization model is characterized by a single discipline, which leads to over-fine division of disciplines, and division and rule by discipline as a unit, which strengthens the sense of discipline identity of undergraduate education and protects its own discipline territory. The academic management system presents the characteristics of over-fine division of disciplines and solidified boundaries. Undergraduate education is restricted within the scope of a single discipline, and the phenomenon of discipline closure is common. It is difficult for undergraduates to cross the boundary of academic organization and discipline, which forms a high discipline barrier. Undergraduates' academic vision is narrow, and scientific research is carried out in a small and closed environment. It is inevitable that their research thinking is single, and academic research presents the characteristics of fragmentation.

However, with the rapid development of social economy, more and more high requirements have been put forward for the cultivation and education of undergraduates in financial and economic colleges. The undergraduate discipline training mode of finance and economics colleges is relatively single in curriculum setting, interdisciplinary learning and discipline organization mode, which makes the knowledge structure of undergraduates in this kind of colleges and universities seriously fail to meet the needs of higher level of social and economic structure. In order to adapt to the requirements of social and economic development in the new era and solve the problem of the lack of a single undergraduate training mode, China's financial and economic colleges and universities must develop an undergraduate training mode with the concept of "new economic management" and the characteristics of comprehensive interdisciplinary training mode.

## **3. INNOVATIVE THINKING OF FINANCE AND ECONOMICS UNDERGRADUATE DISCIPLINE CONSTRUCTION UNDER "NEW ECONOMIC MANAGEMENT"**

### **3.1. Innovate Discipline Training System**

Adapting to the changes of science and technology in the new era, aiming at the construction and development of disciplines and majors, it scientifically constructs students' knowledge structure and cultivates comprehensive literacy of big data and professional technology. The basic idea of comprehensive interdisciplinary undergraduate training is to pay attention to the

characteristics of disciplines, set training objectives, strengthen the construction of teachers, optimize enrollment strategies, reasonably arrange teaching and curriculum, strengthen the dissertation and research training, and constantly summarize and innovate the basic practice and innovative experience of discipline training in developed countries. Undergraduate education and interdisciplinary training are mutually promoting, influencing and closely related. Schools in the undergraduate curriculum setting the complex cross training requirements, formulate supervisor in charge of training system that combines collective guidance, encourage undergraduate graduation thesis topic selection bias comprehensive discipline characteristics, depth excavation undergraduates comprehensive research ability, strengthen the communication between different disciplines undergraduates, create a good atmosphere. Discipline culture is the fundamental and all-around factor influencing the cultivation of undergraduate innovation ability. The cultural content of discipline cultivation is the main factor affecting the development of undergraduate education, and the lack of discipline cultural elements is the key to all kinds of problems in the process of undergraduate innovation ability cultivation. Therefore, it is necessary to attach importance to multicultural construction in undergraduate discipline training, explore the specific path of cultivating undergraduate innovation ability, and strengthen the communication between the external and internal discipline organizations as well as the inter-disciplinary cultures.

### **3.2. Strengthen the Construction of Discipline System**

Talent training determines and influences the direction of disciplines to a certain extent. The development of university disciplines in China is the internal logic of the development of science itself, and it is also the result of the comprehensive needs of politics, economy, science and technology in different periods of a country. Discipline construction is an important part of the construction and development of colleges and universities. Improving the ability and level of teaching, scientific research and social service mainly depends on discipline construction. Undergraduate education comprehensively confirms the important conclusion that talent is the first resource, science and technology is the first productive force, and innovation is the first driving force. It is also the core element of implementing the strategy of building an innovation-driven country and innovation-driven development. The foundation of national innovation system is the innovation and development of undergraduate education system.

### **3.3. Establish the Diversity Goal of Discipline Cultivation under the New Economic Management**

"New management" concept, in order to cross fusion mentality, the implementation of economic, management, and professional, such as computers, overlapping fusion, using information technology to build a new direction of management professional, the Internet, cloud computing, big data, such as artificial intelligence technology is introduced into the professional reform of administration, through the "Internet + professional way to build a" professional direction. Vigorously introduce high-level teachers in information technology and other aspects, and train all teachers on the application of Internet, cloud computing, blockchain, big data, artificial intelligence and other technologies. Construction of smart campus, transformation of the "new management" environmental conditions.

Innovation of interdisciplinary undergraduate talent training program, optimization of undergraduate curriculum system, teaching content, implementation of teaching methods and means of comprehensive upgrading. Introducing and training teachers according to the development requirements of "new economic management". We will improve the quality of training high-level applied talents, increase high-quality scientific research achievements, improve the level of discipline construction, and build a team of high-level teachers with remarkable results. Efforts should be made to train high-level applied professionals who meet

the development needs of the new era, master modern information technology, enhance practice, and attach importance to cultivating innovative talents.

## **4. COUNTERMEASURES AND SUGGESTIONS**

### **4.1. Establish A Collaborative Mechanism Conducive to Discipline Development**

The organizational model of finance and economics based on the boundary of traditional disciplines must be broken through from a deep level, solve the conflict with the construction of interdisciplinary platform, and open up space for the development of comprehensive interdisciplinary scientific research. From traditional economics undergraduate course management system, the traditional course organization system, the comprehensive interdisciplinary unified into the orbit and economics colleges of undergraduate course management science, integration of resources, form a scientific research team, with advanced scientific problem as the research target, give priority to with substantive interdisciplinary research institutions, using the Internet platform, set up incorporeal interdisciplinary research institutions, background of undergraduate research platform for different subjects, effective integration of different disciplines of knowledge view, give full play to the collaborative research system efficacy, complement each other to do knowledge, methods from each other, to produce effective collision of ideas.

### **4.2. Pay Attention to the Construction of High-level Personnel**

Teachers are the guarantee to cultivate talents. Only when teachers meet the requirements of "new economic management", can corresponding comprehensive interdisciplinary research talents be cultivated. The development of comprehensive interdisciplinary subjects of finance and economics requires a team of talents with multi-disciplinary background, which can only come from interdisciplinary education. Through a large number of learning and training of teachers in financial and economic colleges and universities, such as cloud computing, artificial intelligence, big data and Internet technology, improve the level and quality of teachers, use new methods and technologies in the teaching process, improve the teaching level, research level and guidance level. With the concept of "new economics and management", we should improve the cultivation scheme of undergraduates in finance and economics colleges, set up the curriculum system with the characteristics of comprehensive interdisciplinary subjects, develop the teaching contents, teaching plans and teaching methods and means that are compatible with the concept of "new economics and management", and cultivate undergraduates with the quality of comprehensive interdisciplinary subjects.

### **4.3. Formulate A Scientific Management System**

The university-level management departments of finance and economics colleges should do a good job in top-level design and timely adjust their development policies according to the new trend of the development of science and technology and the development frontier of related disciplines. To establish an evaluation mechanism conducive to the development of comprehensive interdisciplinary studies, and to conduct reasonable audit and evaluation in combination with the aspects of project approval, achievement evaluation, performance evaluation and title evaluation and employment. Because the evaluation mechanism of integrated cross research productivity plays an important influence, therefore, the school should be from the perspective of theory, to grasp the essence of interdisciplinary research, improve the evaluation mechanism of interdisciplinary projects and achievements, promote the development of colleges and universities undergraduate financial and economics potential, to play a role of guarantee teachers create a new field.



#### 4.4. Establishment of Material Guarantee based on Informationization

As a new thing, the comprehensive interdisciplinary institutions and research projects of finance and economics have great uncertainty, weak discipline foundation and extremely unstable research team. The resource allocation mode of finance and economics colleges based on discipline and department performance has great hindrance to the acquisition of competitive resources for comprehensive interdisciplinary subjects. Therefore, financial and economic colleges should dilute the performance-oriented audit system; Increase the establishment of comprehensive cross-research platform; Set up a separate funding field for comprehensive interdisciplinary undergraduate team training; Fixed funding scale; Set up special funding funds; Priority should be given to supporting the frontier comprehensive interdisciplinary research fields of finance and economics; Increase the strength of supporting the comprehensive cross-training team, stabilize the research team, mobilize the enthusiasm of the research.

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