

# Research on the Training of Applied Talents in National Economic Management Major

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**Abstract:** National economic management specialty is a new specialty created by reforming the original planned management specialty with the reform of China's economic system. The major of national economic management in Colleges and universities must be oriented by social needs and based on the development of students'abilities, so as to cultivate the compound applied talents needed by the society. The reform of talent cultivation system is the core and key link of China's educational system reform. Innovating talent cultivation mode is the most important part of the reform of higher education talent cultivation system. The traditional college economic management professional teaching mode attaches importance to “knowledge transfer” and despise “capacity training”, which seriously affects the cultivation of college students' practical ability and innovative ability, which makes it difficult for college students to adapt to social needs. For colleges and universities, the national economic management profession must be oriented to social needs. Based on the development of students' ability, we will cultivate the composite application talents that the society needs.

## 1. Introduction

National economic management specialty is a new specialty created with the deepening of China's economic system reform, in order to meet the needs of reform and improvement of national economic management, the original planned management specialty has been transformed [1]. The demand for talents in higher education is becoming more and more popular, individualized and internationalized in contemporary China. Social demand for theoretical and academic undergraduate talents is relatively reduced, while the demand for compound and applied undergraduate talents is greatly increased [2]. The reform of talent cultivation system is the core and key link of our country's education system reform. Innovating talent cultivation mode is the most important part of the reform of higher education talent cultivation system [3]. This profound change in the structure of talent demand in society requires that the training objectives, training model, curriculum system, teaching content and teaching methods of economic management undergraduate majors closely related to social and economic activities must be changed accordingly [4]. As a traditional discipline, the demand for national economic management professionals is increasingly marginalized. How to cultivate professional talents that meet the needs of the society is an urgent issue in the development of the national economic management profession.

The structure of demand for talents in our society has undergone profound changes. The society is increasingly demanding applied and innovative talents who can directly engage in production, management and service [5]. Talent cultivation focuses on the cultivation and improvement of students' professional skills, analytical and problem-solving skills, innovative spirit and innovative ability, and makes up for the shortage of theoretical teaching mode in talent training [6]. The traditional college economic management professional teaching mode attaches importance to "knowledge transfer" and despise “capacity training”, which seriously affects the cultivation of college students' practical ability and innovative ability, which makes it difficult for college students to adapt to social needs [7]. Faced with the changes in the structure of social demand for talents, the educational concepts of leaders and teachers in Colleges and universities are constantly updated. The recognition and importance of personnel training are also increasing. Colleges and universities gradually increase investment in personnel training and reform efforts, and strive to

play the role of personnel training [8]. For colleges and universities, the major of national economic management must be oriented by social needs. Based on the development of students'abilities, we should cultivate the compound applied talents needed by the society.

## 2. Demand Trends and Challenges of National Economic Management Professionals

With the establishment and improvement of China's socialist market economic system, the functions and management methods of government economic management are undergoing profound changes. The national planning department has gradually become a functional department for overall strategic planning and comprehensive, balanced and coordinated national economy. According to the training objectives of innovative talents in finance and economics, schools should decompose the objectives according to the knowledge, ability and quality requirements that students should possess. Throughout the world, it is a common phenomenon for governments to intervene in the national economy, especially in macroeconomic management, in order to realize the modern market economic system. It is necessary to strengthen the basic education at the undergraduate level, reform the public foundation curriculum, increase the humanities and science and technology education courses, and improve the students' humanistic spirit and scientific literacy [9]. Through talent training, students will further consolidate and strengthen professional basic theory and practical knowledge, master professional basic skills, and skillfully use professional knowledge and methods to discover, analyze and solve practical problems.

The cultivation process, including the training pathway, teaching operation and organizational mechanism, is the key to achieving the training objectives. The macroeconomics and microeconomics majors are theoretical talents, while the national economic management profession must first be based on cultivating applied talents. The regulation of cyclical fluctuations in the economy, the governance of inflation or deflation, and the upgrading of industrial structure. The solution of regional differences, the coordination between opening up and national economic security. In the case of economic planning departments and policy research institutions, the demand for national economic management professionals is declining, the recognition and reputation of the society for this profession is not high. For example, as the micro-subject of market economy, enterprises think that national economic management is the product of planned economy era, and macro-talent training can not meet the needs of enterprises. Supporting teachers to carry out teaching methods reform and vigorously improve teaching methods. It is advocated that different teaching methods should be adopted according to the characteristics of the curriculum, and that the combination of learning and thinking should be emphasized to help students learn to learn.

According to the progressive relationship of professional knowledge, the experimental teaching of national economic management specialty consists of basic experiment, course experiment and comprehensive experiment. Knowledge and technological innovation, as two main driving forces, need to cultivate financial management talents with good scientific and cultural literacy, solid professional foundation, strong self-learning ability and innovative ability. Figure 1 is the network structure system of talent information fusion management.



Figure 1 Talent information integration management network structure system

China is shifting from a planned economic system to a socialist market economic system, and abandoning highly centralized administrative management methods, but this does not mean that the national economy does not need government management. The school develops students' all-round development through various channels and methods. Change the rigid management system of the previous curriculum and teaching management, and establish a flexible and flexible teaching management system. The training objectives of high-quality compound talents require students trained in the national economic management profession to not only engage in macroeconomic analysis and forecasting, but also be competent in the management of government agencies and large and medium-sized enterprises. The essence of education is actually to learn to master world outlook and methodology. Under the increasingly fierce competition of professional enrollment and employment, the development of national economic management major in Colleges and universities must be based on its own resources, teaching conditions, teachers and students' wishes. The traditional summative evaluation system should be reformed and a scientific, standardized and reasonable comprehensive evaluation and feedback mechanism should be established. At the same time, strict training process requirements, the establishment of elimination system.

### 3. Talents Training System for Practical Teaching of Economic Management Major

Follow the design requirements of the financial application-oriented innovative talent training model. The school's multiple secondary colleges have carried out a variety of financial and applied innovative talent training model reforms in combination with their respective disciplines and professional characteristics. It is necessary to set up an independent experimental course to develop students' comprehensive ability to apply all the professional knowledge of their majors. According to the characteristics of economic management and the characteristics of national economic management, the training of national economic management major consists of basic skills, professional skills and comprehensive skills [10]. Regulating economic operation through market signals can only be short-term, and can not produce positive effects on long-term economic operation. On the basis of accomplishing relevant professional knowledge teaching, basic experimental teaching and course experimental teaching, we should cultivate students' working skills, work coordination ability and team spirit, and set up a comprehensive simulation experiment course.

Market economy is an efficient economy to allocate resources effectively, but market economy is not omnipotent, it also has some limitations. Today, with the development of market economy, the basic knowledge and practical theory necessary for financial management are indispensable. Fig. 2 is the architecture of talent information construction.

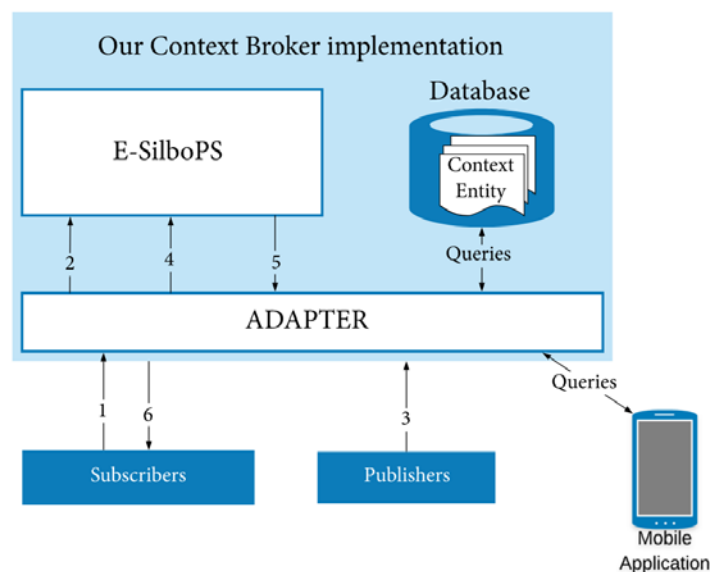


Figure 2 Talent information construction system structure

National economic management talents need to be able to follow the principles of materialist dialectics and the process of economic operation. Can see the internal links and mutual influences between various links and factors. Be good at seeing and knowing, grasping the main contradictions and essence of things. University education should focus on the dissemination of knowledge and turn to the teaching wisdom of students to guide students to turn knowledge into competence. Action learning is a learning method that realizes personal growth and organizational development through the self-practice of learners in the process of solving the actual problems faced by the organization. National economic management personnel should be skilled in using computers, good at using foreign languages for language and text exchange, and improve work efficiency. According to the needs of economic and social development and students' willingness to develop, we should focus on the application and management of public investment. To train students to be compound, innovative and applied talents with the ability of planning public investment projects and applying various kinds of investment risk management.

College campus is not only the position to cultivate students' comprehensive quality and ability, but also the main place to exercise and train excellent teachers. With the development of science and technology, the arrival of economic informatization, globalization and the improvement of office automation level. In the learning echelon, teachers assign extra-curricular professional project tasks to senior students, while senior students assign tasks with lower difficulty to junior students. In this process, students' self-learning ability is improved, and students' ability to find problems and solve problems is exercised. Many college teachers' knowledge in the curriculum field has the problem of narrow concept and insufficient understanding of the new curriculum. Lack of understanding of the current status and trends of the talent training curriculum reform. Table 1 is a survey of the field of teacher information fusion management courses.

Table 1 Survey of teacher information fusion management curriculum

	Curriculum view	Curriculum resources	Curriculum implementation	Curriculum evaluation	Curriculum reform
Average	7	8	6	7	6
Accuracy rate (%)	65.1	58.7	61.5	52.8	60.3

Under the condition of socialist market economy, indirect management is adopted in macro-management. The government's regulation and control of economic operation can not simply issue orders to economic subjects by means of administrative orders and instructions. Professional practice focuses on the cultivation and improvement of students' professional quality and ability. At the same time, students' communicative ability, communicative ability and collaborative ability should be strengthened. China is a large developing country, with great pressure on population and resources, and unbalanced development between regions and industries. These are all issues that must be addressed and resolved in economic development, and are also links that cannot be completely regulated by market mechanisms. Employers recommend that college students should establish a positive, optimistic and confident attitude towards life. Although the employer pays attention to some qualifications of graduates of this major, it pays more attention to the overall quality, practical ability and healthy mentality of the graduates. The national economic management profession should find breakthroughs in the study of these issues and train professionals who understand strategy and good planning for economic construction.

#### 4. Conclusion

Quality management of talent cultivation is a complex task, mainly including process control and comprehensive evaluation. Since the company is the main body of demand for national economic management professionals, it has concluded a strategic alliance between schools and enterprises. It is an effective way for local colleges to run schools for social needs. School-enterprise cooperation and training is conducive to improving students' practical skills and promoting physical interaction

between teachers and the industry. Provide opportunities for graduates to adapt to work as quickly as possible. Professional and curriculum is an important science, and scientific proof should be given regardless of its name or its content. Various forms of social practice and academic research activities are strongly advocated among students. Students are encouraged to take part in various types of social practice activities during the holidays so that the knowledge they have learned in school can be combined with the reality as much as possible. Many teaching links are designed for talent training, in order to ensure that these links are connected reasonably. We should formulate complete and standardized personnel training operation management system and operation rules, and strengthen the implementation of these rules and regulations. Combining with the characteristics of personnel training of national economic management specialty, a scientific evaluation index system of personnel training is formulated, and the quality of personnel training is assessed and evaluated.

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