Exploration on the Construction Path of Interdisciplinary About Digital-intelligence Financial Major Under the Background of Digitalization Reform

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Abstract: Based on the education orientation and existing resources of Application-oriented colleges and universities, it adopts the mode of major cultivation, Direction + Specialty to reconstruct the training program of intelligent financial talents. It develops intelligent financial courses through independent research and development, course co-construction and other ways, and independently cultivates and creates intelligent teachers. It has accumulated certain experience in professional construction and reform. It has important strategic significance and popularization value for the development of economics and management in applied universities.

Keywords: Intelligent finance；Specialty construction；Interdisciplinary；Independent innovation

1. In the era of digitalization, the construction of interdisciplinary intelligent financial major is imminent

At present, China's economic development has entered the era of digitalization and intelligence. As Xi Jinping pointed out in 2019, AI is an important driving force for the new round of scientific and technological revolution and industrial transformation. It is profoundly changing the way people work, live and learn, and ushering in an intelligent era of human-machine collaboration, cross-border integration, and co-creation and sharing. "The market plays a decisive role in the allocation of resources". The innovation and development of Digital-intelligence enterprises inevitably requires colleges and universities to timely adjust their professional construction and talent training programs according to the changes of business environment and talent market demands, break the original disciplinary boundaries, and carry out interdisciplinary reconstruction and optimization.Intelligent finance is a "intelligent finance" of "Artificial Intelligence + Internet of Everything " in the intelligent era, that is, a financial and accounting management system to meet the needs of economic and management data analysis and decision-making assistance that is based on the basis of "industry and finance integration", with "financial sharing" as the core and "algorithm engine" as the support. (Wang,2020)[1]. At present, application universities and colleges are in a critical period of characteristic and transformation development, and the cultivation of students majoring in economics and management determines the overall professional quality of national economic management workers in the future, plays a pivotal role in economic development, and is also the external embodiment of scientific economic development(Lai,2021;Zhang etal.,2021)[2][3]

2. Intelligent finance major construction scheme design

2.1 Interdisciplinary reconstruction of intelligent financial personnel training program

Refactoring intelligent accounting talent training scheme, the emphasis is on the the changes of the enterprise principle of management, strategic positioning, operation mode, business process that the companies Digital-Intelligent revolution brought, New quality and ability requirements are put forward for enterprise Digital-Intelligent talents, namely according to the characteristics of the positioning and development of applied undergraduate colleges and universities, is committed to cultivate several intellectualization application talents(Mei etal.,2020)[4].

2.2 Develop intelligent financial course system

By breaking the original disciplinary boundaries,rebuilding the curriculum structure, introduction series of courses to the development of several Digital-Intelligent thinking and skills in the general education courses, professional basic course, professional core courses, practice course to improve the students in different business scenarios, applications for Digital-Intelligent technology for data analysis, such as auxiliary intelligent decision-making vocational ability.

2.3 To create intelligent financial teachers

The construction of courses and professional construction cannot be separated from the equipping and support of the teaching staff. On the basis of the existing teaching staff, how to improve the teachers' Digital-Intelligent concept and teaching skills in the most economical and effective way, so as to match the construction of the curriculum system.

3. Innovation path for the construction of intelligent finance specialty

3.1 Reconstruct the talent training scheme by adopting the mode of major cultivation and Direction+Specialty

Proposed by selection+will at the same time, the two-way choice set up smart financial experimental classes, breaking the original boundaries of subjects, the categories of training mode, the first and second grade common study general courses and professional basic course, fully embody the big data, artificial intelligence, block chain, raises the student basic number of Digital-Intelligent and application skills of thinking, In the third and fourth grades, professional extension practical curriculum system will be set in the direction+major .

3.2 Interdisciplinary integration and innovation, research and development of intelligent accounting curriculum system

Mainly through independent research and development, course construction and other ways to provide students with multi-channel high-quality course resources. The first is to cooperate with the School of Information Science and Technology, in which computer science teachers are responsible for teaching database foundation and Python language in general education courses. The second is to share resources by co-constructing courses with cooperative universities and enterprises. Complete the extended courses of Financial Technologies, Financial Innovation, Big data analysis, Intelligent Financial Analysis Visualization and Audit Data Analysis.

Third, with the help of the integration of industry and education, to achieve a practical teaching platform to meet the requirements of intelligent financial courses.

3.3 Independent training of intelligent teachers

One is to cultivate the teaching ability of Digital-Intelligent professional courses of the existing teaching staff through short-term visiting and further study. Second, through multi-channel independent learning, groups to conquer the knowledge and skills required by intelligent courses. Third, to learn cutting-edge courses and practical skills and strive to obtain the corresponding lecturer qualification by participating in 1+X financial sharing, industry-finance integration and other vocational skills teacher training.

4. Initial achievements have been made in professional construction, and the quality of talents has been optimized and improved

4.1 Highlights of innovation in specialty construction

Explore the mode of major reform based on the educational orientation of local schools and the actual situation of colleges. Under the premise of not declaring the new major, the reform of intelligent financial major was carried out by establishing the experimental class mode. Under the circumstance that the resources of all colleges and universities are given priority to the construction units of national first-class majors and master programs, the cooperative colleges and educational enterprises are mainly relied on to realize the co-construction and sharing of curriculum and textbook resources, and open source software is mainly used for curriculum development and practical teaching platform. Completed the preliminary work of the construction of intelligent finance major in the most economical and effective way.

4.2 The quality of talents has steadily improved

To meet the new requirements for the construction of new business specialty and personnel training put forward by the Digital-Intelligent revolution of enterprises under the background of the big intelligent shift of cloud and material area, break the original disciplinary boundaries and realize the cross reconstruction of economic management discipline and information technology. Develop intelligent finance, train students' Digital-Intelligent literacy and skills, provide much-needed talents for enterprises' Digital-Intelligent transformation and business innovation,promoting the realization of high-quality employment. and help local economic and social development.

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