Management and Service of University Students from the Perspective of Interdisciplinary Integration

Xiaobin Li*, Gengshu Zhang, Runfan Luo

Guangdong University of Science and Technology, Dongguan, 523000, Guangdong, China

Keywords: Interdisciplinary integration; University student management; Student service; Individualized demand: Innovation model

Abstract: This article aims to explore the application and function of interdisciplinary integration in the management and service of university students. Through in-depth analysis of the current situation and challenges of university students' management and service, combined with the theory and practice of interdisciplinary integration, this study finds that interdisciplinary integration plays an important role in improving students' management and service level. The research also points out the shortcomings of the current research and looks forward to the future development trend of interdisciplinary integration. Based on the research results, this article puts forward corresponding policy suggestions and practical enlightenment in order to provide reference for the innovation and development of university students' management and service.

1. Introduction

With the development of tertiary education, the management and service of university students are facing increasingly complex challenges. At present, the student groups in universities are increasingly diversified, and their needs are also diversified and individualized [1]. Furthermore, the rapid development of information technology has brought unprecedented opportunities and challenges to student management and service. In this context, the traditional student management and service model has been difficult to meet the needs of students, and it is in urgent need of reform [2].

As a new educational concept and method, interdisciplinary integration provides an important idea for the innovation of university students' management and service [3]. Interdisciplinary integration emphasizes the intersection and integration between different disciplines, and solves complex problems by integrating the knowledge, methods and technologies of different disciplines [4]. In the management and service of university students, interdisciplinary integration can help us understand the needs of students more comprehensively, provide more individualized and accurate services, and also promote exchanges and cooperation between different disciplines to jointly promote the development of student management and service [5].

Therefore, the purpose of this study is to explore the application of interdisciplinary integration in the management and service of university students, analyze its influence and function on student management and service, and explore the practical path of interdisciplinary integration in student management and service. This is of great significance for improving the level and quality of university students' management and service and promoting the sustainable development of tertiary education.

2. Theoretical basis of interdisciplinary integration

2.1. Definition of interdisciplinary integration

Interdisciplinary integration refers to the intersection and integration between different disciplines, and solves complex problems by integrating the knowledge, methods and technologies of different disciplines. In tertiary education, interdisciplinary integration has become an important educational concept and method [6]. It emphasizes the intersection and integration of disciplines,

DOI: 10.25236/icfmhss.2024.083

breaks the boundaries of traditional disciplines, promotes exchanges and cooperation between different disciplines, and jointly promotes the development of education.

In the management and service of university students, the connotation of interdisciplinary integration includes two aspects. On the one hand, it emphasizes the integration and cross-application of knowledge among different disciplines, and provides more comprehensive and accurate student management and services by integrating the knowledge and methods of different disciplines [7]. On the other hand, it emphasizes exchanges and cooperation between different disciplines, and by promoting cooperation and exchanges between different disciplines, it can jointly solve complex problems in student management and service [8].

With the development of tertiary education and the change of social demand, the importance of interdisciplinary integration in tertiary education is increasingly prominent. It can not only help students' management departments to understand students' needs more comprehensively and provide more accurate services, but also promote exchanges and cooperation between different disciplines and jointly promote the development of student management and services.

2.2. The relationship between interdisciplinary integration and student management

There is a close relationship between interdisciplinary integration and student management and service. First of all, interdisciplinary integration can help the student management department to understand the needs of students more comprehensively. In traditional student management, students' basic information and academic performance are often only concerned, while students' individual needs and psychological state are ignored [9]. Interdisciplinary integration can integrate the knowledge and methods of different disciplines to understand students' needs more comprehensively and provide more accurate services.

Secondly, interdisciplinary integration can promote exchanges and cooperation between different disciplines. In student management and service, communication and cooperation between different disciplines are very important. Through interdisciplinary integration, we can promote exchanges and cooperation between different disciplines and jointly solve complex problems in student management and service. For example, disciplines such as psychology and management can jointly study students' psychological needs and behavioral characteristics, and provide students with more individualized services.

Finally, interdisciplinary integration can promote the development of student management and service. With the development and change of society, student management and service are also facing new challenges and opportunities. Through interdisciplinary integration, new ideas and methods can be introduced to promote the development of student management and service. For example, information technology can be used to improve the efficiency and quality of student management and service.

3. Analysis on the current situation of university students' management and service

3.1. Mode and characteristics of current university students' management and service

At present, the management and service of university students mainly present a situation of coexistence of various modes. First of all, the traditional student management mode still dominates, which pays attention to the implementation of rules and regulations and the maintenance of discipline to ensure the basic order and learning environment of students. However, this model often ignores the individualized and diversified needs of students. Figure 1 shows the composition of the student management system.

Furthermore, with the renewal of tertiary education concept, more and more universities began to try the student-centered service model. This model emphasizes students' dominant position, pays attention to meeting students' individual needs and provides more flexible and diversified services [10]. For example, some universities set up student service centers to provide various services, including study consultation, career planning and psychological counseling, to meet the different needs of students.

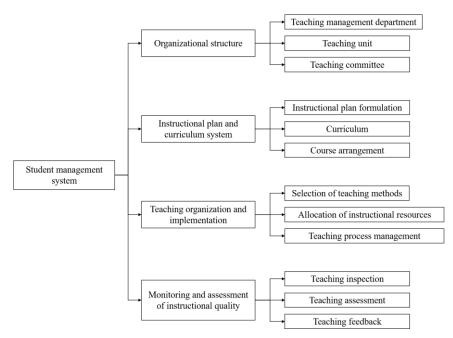


Figure 1 Composition of student management system

However, these models also have some problems in practice. On the one hand, the traditional student management model often emphasizes discipline and order too much, ignoring the individualized and diversified needs of students; On the other hand, although the student-centered service model focuses on meeting the needs of students, it often faces problems such as limited resources and scattered services in the implementation process, and it is difficult to form an effective synergy.

3.2. Practice of interdisciplinary integration in university students' management

In recent years, some universities have begun to explore the application of interdisciplinary integration in student management and service. By integrating the knowledge and methods of different disciplines, we can provide more comprehensive and accurate student management and services. For example, some universities introduce knowledge and methods of different disciplines such as psychology, sociology and management into student management by establishing interdisciplinary student management teams, so as to understand students' needs more comprehensively and provide more accurate services.

In addition, some universities also strengthen exchanges and cooperation among different disciplines by setting up interdisciplinary course and organizing interdisciplinary activities, so as to jointly promote the development of student management and service. These practices have played a positive role in improving students' management and service level, but they also face some challenges and difficulties.

3.3. Challenges and dilemmas faced

At present, the main challenges faced by interdisciplinary integration in the management and service of university students include the following aspects:

First of all, interdisciplinary integration requires close cooperation and effective communication between different disciplines. However, due to the differences and barriers between different disciplines, cooperation and communication often face difficulties. This requires universities to strengthen exchanges and cooperation between different disciplines and establish effective communication mechanisms. Secondly, interdisciplinary integration needs sufficient resources and support. However, at present, some universities are insufficient in resource allocation and support, which makes it difficult to effectively implement interdisciplinary integration. This requires universities to increase investment and support for interdisciplinary integration. Finally, interdisciplinary integration needs to face some institutional and cultural obstacles. For example, the traditional concepts and institutional framework of some universities may be unfavorable to the

implementation of interdisciplinary integration. This requires universities to strengthen institutional innovation and cultural construction and create a good environment and atmosphere for interdisciplinary integration.

4. Management and service of university students from the perspective of interdisciplinary integration

4.1. Constructing the management and service concept of interdisciplinary integration

From the perspective of interdisciplinary integration, universities need to build management and service concepts that meet the requirements of the times. First of all, we should emphasize students' dominant position and individual needs, and pay attention to meeting students' diversified needs. Secondly, it is needed to strengthen exchanges and cooperation between different disciplines, break the boundaries of traditional disciplines, and realize the sharing and optimal allocation of resources. Finally, we should pay attention to innovation and practice, constantly explore new management and service models, and improve service quality and efficiency.

4.2. Improve the management and service mechanism of interdisciplinary integration

In order to improve the management and service mechanism of interdisciplinary integration, universities need to take the following measures: first, establish an interdisciplinary student management team, integrate the knowledge and methods of different disciplines, and provide more comprehensive and accurate services. Secondly, strengthen cooperation and communication between different departments to form an effective joint force. Finally, improve the relevant systems and regulations to provide institutional guarantee and support for interdisciplinary integration.

4.3. Strengthen the education and training of interdisciplinary integration

Improving the interdisciplinary literacy of teachers and students is the key to strengthen interdisciplinary integration. Universities can strengthen exchanges and cooperation between different disciplines by setting up interdisciplinary course and organizing interdisciplinary activities, so as to improve the interdisciplinary literacy of teachers and students. Furthermore, we can also strengthen relevant education and training to improve the interdisciplinary ability and quality of teachers and students.

4.4. Innovating the management and service mode of interdisciplinary integration

In order to innovate the management and service mode of interdisciplinary integration, universities can explore the following directions: First, use information technology and other means to establish an efficient information management system and service platform to improve service quality and efficiency. Secondly, introduce new ideas and methods, such as project management and teamwork, to improve the pertinence and effectiveness of services. Finally, strengthen international cooperation and exchange, learn from foreign advanced experience and practices, and promote the international development of student management and service.

5. Conclusions

Based on the in-depth analysis of the current situation of university students' management and service, combined with the theory and practice of interdisciplinary integration, this study draws the following main conclusions: interdisciplinary integration plays a vital role in university students' management and service. It not only helps to understand students' needs more comprehensively and provide more accurate services, but also promotes exchanges and cooperation between different disciplines and jointly promotes the development of student management and services. This study further clarifies the important role of interdisciplinary integration in the management and service of university students, and provides strong theoretical support for future practice.

Based on the results of this study, we put forward the following policy suggestions: universities

should pay more attention to interdisciplinary integration, establish interdisciplinary student management teams, improve relevant systems and regulations, and provide institutional guarantee and support for interdisciplinary integration. In addition, universities should strengthen international exchanges and cooperation, learn from foreign advanced experience and practices, and promote the international development of student management and service. For practical enlightenment, this study emphasizes the importance of paying attention to students' individual needs, strengthening exchanges and cooperation between different disciplines, and innovating management and service models.

References

- [1] Wang H, Wang N, Li M J, et al. Student Physical Health Information Management Model under Big Data Environment[J]. Scientific Programming, 2021, 2021(1):1-10.
- [2] Hu Hongyu. Research on the hierarchical management and normalization tracking mechanism of students' mental health after the general test in colleges and universities [J]. Psychological Monthly, 2024, 19(5):204-206.
- [3] Han Guoquan. Research and practice of interdisciplinary learning task group from the conceptual perspective [J]. Teaching and Management, 2023(17):27-30.
- [4] Wu Yinghua. A preliminary study on teachers' interdisciplinary studies under the concept of integration of teaching and intelligence [J]. Teaching Management and Education Research, 2023, 8(17):23-24.
- [5] Li Deshu, Liu Min. The concept and practical strategy of school homework management in compulsory education under the policy of "double reduction" [J]. chengdu normal university Journal, 2022, 38(10):65-70.
- [6] Zhu Rongwu. Exploration of interdisciplinary thematic activities of mathematics led by problems [J]. Teaching and Management, 2023(17):34-38.
- [7] Guo Hua, Yuan Yuan. The basic types and implementation points of interdisciplinary thematic learning [J]. Primary and secondary school management, 2023(5):10-13.
- [8] Zheng Hongna. Building an intelligent management platform for interdisciplinary subject learning [J]. Education Today, 2023(11):24-28.
- [9] Müzeyyen Bulut zek. The effects of merging student emotion recognition with learning management systems on learners' motivation and academic achievements[J]. Computer Applications in Engineering Education, 2018, 26(5):1862-1872.
- [10] Chamba-Eras L, Gomez A, Aguilar J. Multi-Agent Systems for the Management of Resources and Activities in a Smart Classroom[J]. IEEE Latin America Transactions, 2021, 19(9):1511-1519.