Exploration on the Enrollment System of Big Categories in Universities

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Abstract. In recent years, large-scale enrollment is a major change in the university enrollment system. It changes the situation of college entrance examination volunteer "one choice for life", realizes the large-scale enrollment of students in Colleges and universities. After students fully understand the specific content of the major they will choose, they choose it according to their own volunteers. Therefore, it is a necessary prerequisite to establish a reasonable enrollment and diversion system to achieve this goal.

Keywords: Large class enrolment; diversion system; college enrollment.

1. Introduction

Enrollment of undergraduate colleges and Universities current, many colleges and universities are exploring the implementation of large-scale enrollment system, undergraduate enrollment is diverted from traditional enrollment to post-enrollment, and the enrollment policy has changed a lot. The flexibility of students in choosing majors has greatly increased, give students enough time to get a better understanding of the specific research directions and preferences of each major, and reduce the occurrence of Learning-weariness by choosing a major you don't like. The change of the enrollment system, it can better meet the needs of society for professionals, and more conducive to the development of students' personality, then it is better to promote the balanced development of professional structure.

2. Analysis of Enrollment Needs of Large Categories

2.1 Social Needs

Current undergraduate majors are set up according to social division of labor, and it is constantly adjusted on the basis of existing professional settings. With the progress of society, the development and evolution of new science and technology and new fields, the setting of undergraduate majors will also change and adjust dynamically. Majors have new majors, and there are new requirements for talents. In some professional fields, graduates are required not only to master the system of their major, but also to have a general understanding of the relevant majors of their major, which is also conducive to the future scientific research of cross-disciplinary majors. General education can give enough time to understand the curriculum of large-scale enrollment, and give scientific and systematic professional guidance, so that students can fully understand and recognize the links and differences between related majors.

2.2 The Needs of Students' Personality Development

The role of students is the main individual in the large-scale enrollment. The individual differences of people will be highlighted in the university. Individual differences are reflected in ability differences, temperament differences and personality differences. Individual differences lead students to choose their major rationally according to their career planning. Reasonable guidance to students in choosing majors can reduce the possibility of students choosing wrong majors and disliked majors because they do not understand and misunderstand the contents of majors. In the general education stage of large-scale enrollment, students should be given comprehensive guidance so that they can have a positive and scientific understanding of the major, and enough time for students to choose

their favorite major calmly and rationally. This is more conducive to students to play their own strengths, reflecting the individual development.

3. Classification of Big Categories

Compared with the traditional specialty division, the "category" in the large-scale enrollment integrates the original specialty into a "category" according to the relevance of the traditional specialty and the degree of the relevance in the field of employment. Enrollment in large categories is a combination of specialties offered by different schools according to different rules, and the same general education is given to students who choose the same category. After different lengths of education, students are organized to carry out specialty diversion. Therefore, the classification of "category" is based on the integration of the specialties that have been set up, so the specialties contained in the same name of "category" in different schools are also different. Generally, the division of "category" will not be set up across colleges. Inside the college, it also decides whether to participate in the enrollment of large categories according to the characteristics of the major. In the process of enrollment, large categories of students will be constantly adjusted. With the smooth progress of professional diversion, students' acceptance of the class, employers' demand for talents and so on, the setting of "categories" in large categories of enrollment will also be constantly adjusted.

Taking the College of Information and Electronics Technology of Jiamusi University as an example, in 2012, for the first time, it participated in the enrollment of large-scale students. Class "is the category of electrical information, which includes six majors: electrical engineering and automation, electronic information engineering, communication engineering, computer science and technology, biomedical engineering, measurement and control technology and instrument. This Division continued to be used in 2013. Because of the difference in the degree of correlation among different specialties within the six specialties, after two years of enrollment according to this classification method, the "class" has been adjusted into the categories of instrument, electrical, electronic information, computer and biomedical engineering, while the "class" has not been set up in the automation specialty. In the enrollment plan for 2017, the major categories of the Institute of Information and Electronics Technology are generally referred to as Engineering IV. Specific "categories" include instruments, electrical and electronic information, while computer science and technology, biomedical engineering and automation professionals are enrolled according to their specialties.

Since the undergraduate enrollment reform of Jiamusi University began in 2012, three colleges have participated in the pilot project in the first year. By 2017, nine colleges in the enrollment plan will participate in the "enrollment of large categories". It can be seen from this that the system of enrollment in large categories is dynamic. As long as the increase or decrease meets the specific situation and has sufficient basis, it is reasonable.

4. Establishment of Diversion System

The establishment of the distribution system in the large-scale enrollment system is very critical, which determines whether students can choose their favorite major. The establishment of the diversion system is related to many factors. The first is the students' willingness to choose their major, and the second is that each university will give priority to its achievements and evaluate its moral education comprehensively. Students with high comprehensive scores will have preferential choices and have a higher chance of choosing their favorite majors. This way reflects its rationality to a certain extent, but there are also some contradictions that need to be adjusted. For example, there is a contradiction between the large number of popular majors and the limited number of students enrolled. There is a contradiction between the performance determined by the system and the students' willingness to choose their majors. There is also a contradiction between the students' dissatisfaction and the possibility of choosing their majors again after the diversion according to the system. In view of the above situation, colleges and universities are exploring positive countermeasures.

In terms of the number of professionals, can we dynamically adjust the number of professionals according to the employment situation, the current situation of discipline construction and the situation of students' voluntary enrollment, so that as many students as possible can choose their favorite profession? On the basis of the setting of grades, we should reasonably set the proportion of components so as to make the grades fully reflect students' interests and specialties. Whether we can consider setting weighted values in some courses, such as increasing the weights of basic courses, reducing or not considering the weights of some public courses, and controlling the proportion of moral education scores well, after all, this score is used to choose. Professional rather than evaluating scholarships and merits.

In addition, after the end of the specialty diversion, can we set a short adaptation period to allow some students to readjust? The purpose of the short period is not to affect the learning process after redistribution. If there are individual students who are unable to adapt after the diversion, if this situation occurs in different degrees in all majors, can we adjust it again? According to the research on the diversion system of foreign colleges and universities, many colleges and universities allow students to conduct secondary diversion, because only students like and love their major, can they make achievements in the professional field. This has not been achieved in domestic universities.

5. Guarantee of Diversion System

In order to ensure the smooth implementation of the diversion system, first of all, we should ensure that students are given sufficient guidance in general education before diversion, so that students can fully understand the differences between different majors, understand the characteristics, research directions, and adapt to the field of each major, so as to reduce the possibility of students' miss election because they do not know the major. Secondly, we should rationally set up the curriculum structure of general education, embody the characteristics of "class". We should combine theoretical courses with practical links, make students interested in specialty, stimulate students' enthusiasm for learning, and make them maintain a positive attitude in the process of diversion, rather than a negative response, and maintain a "indifferent" mentality. At the same time, various forms of communication and interaction are introduced in the stage of general education to enable students to receive information in many ways. For example, let students in general education stage attend academic lectures, listen to famous teachers in the professional field, organize learning exchanges for students in general education stage, and communicate with senior students in different majors. In addition, the establishment of the diversion system should be dynamic, in-depth investigation and analysis of students' needs. The system should be as reasonable as possible, reflecting the emphasis on the basis of diversion. The implementation of the system should be supervised, feedback from students' satisfaction should be provided, and timely and dynamic adjustment should be made according to feedback.

6. Summary

To sum up, it is a trend in college enrollment education under the new situation to set up "classes" in specialties suitable for diversion and diversify under the premise of "classes" enrollment, so as to realize students' choice of specialties after enrollment, so as to let students know more about their future specialties and stimulate students' enthusiasm for learning. It is very necessary and meaningful to constantly explore what kind of large-scale enrollment system is reasonable.

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