



Investigation and Analysis of the Current Situation of College Students' Career Development Planning

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Abstract. Under the background of the increasing number of college graduates, the increasing employment pressure, and the dislocation of supply and demand in the employment market, through questionnaire design, precise delivery, summary and analysis, the research on college students' career development planning was carried out among the undergraduates of the School of Environmental Ecology and Biological Engineering of Wuhan Institute of Technology. Through the survey, it was found that there was no complete college students' career planning system in the college students' career development planning. Students have insufficient information reserves for postgraduate entrance examination and work, weak sense of autonomy, unclear goals, poor ability to act independently, and put forward corresponding solutions, which are of reference value for helping students plan their academic career, design their professional career, develop the school's employment guidance to a higher, broader, deeper and more specialized field, and provide undergraduate education, teaching and management services.

Keywords: career development planning · college students · employment

1 Introduction

In recent years, the employment pressure on college graduates has been increasing, and the number of fresh college graduates in 2021 is 9.09 million, an increase of 350,000 compared to 2020; the epidemic has led to more overseas students choosing to return to their home countries to find jobs, and data show that in 2020, the number of returnees who submitted their resumes to domestic positions has increased by 33.9% compared to 2019 [1–3], and in the second week after the Spring Festival in 2021, with the examination results announced, more fresh graduates flowed to the job market.[4–5].

2 Analysis of the Current Situation of College Students' Career Development Planning

By analyzing the understanding degree and personal situation of contemporary college students on career development planning, and understanding and mastering their doubts

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about career planning in the current era background. The survey was conducted in the form of online questionnaires, which were distributed to all undergraduates of the School of Environmental Ecology and Biological Engineering of Wuhan Institute of Technology, and a total of 372 valid data were obtained.

2.1 Many Factors Affect Students' Career Planning After Graduation

According to the questionnaire analysis, 79.03% of the surveyed students choose to further study after graduation, 12.63% of the students choose to find employment as soon as possible after graduation, 4.57% of the students choose to be civil servants and work in government departments, 1.88% of the students choose to start their own businesses, and a few of the students choose to work at the grass-roots level, go abroad for further study, and others (as shown in Fig. 1).

2.2 Whether There is a Clear Plan for Career Development

Whether they choose to take the postgraduate entrance examination or get employed after graduation, through questionnaire analysis, it is found that students' decisions are generally related to the employment market of their majors. Take the four majors of the School of Environmental Ecology and Biological Engineering of Wuhan Institute of Technology as an example, which are bioengineering, biotechnology, food science and engineering, and environmental science. Of the 372 valid data obtained, 6.18% of the students were optimistic about the employment market of their majors and believed that they could find employment smoothly; 27.69% students hold optimistic attitude; The proportion of students who think that the employment situation of their major is serious and difficult to obtain employment is as high as 56.99%. In the opinion of these students, the serious employment situation of their major is not only related to the content of the major itself, but also has a lot to do with the students' personal learning situation and personal ability; 9.14% of the students did not know the employment situation of their major (as shown in Fig. 2).

It can be seen from the above data analysis that more than half of the college students still do not know their majors well. Although many students have clear plans

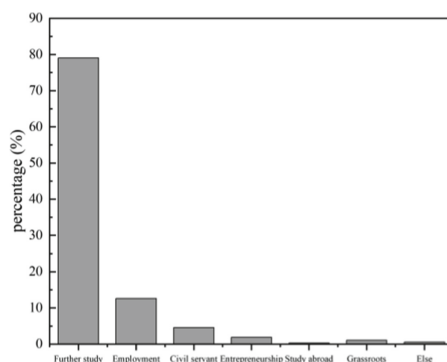


Fig. 1. Graduation career planning of the interviewed students. [owner-draw]

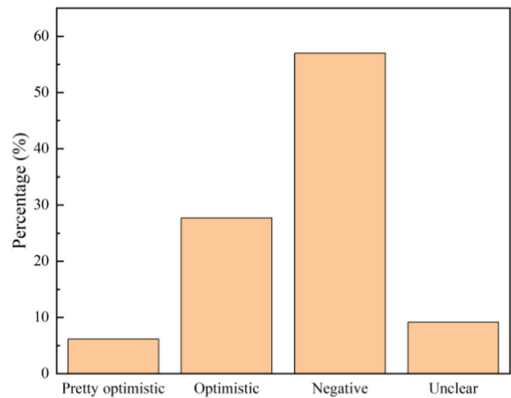


Fig. 2. Attitude of the interviewed students towards the job market. [owner-draw]

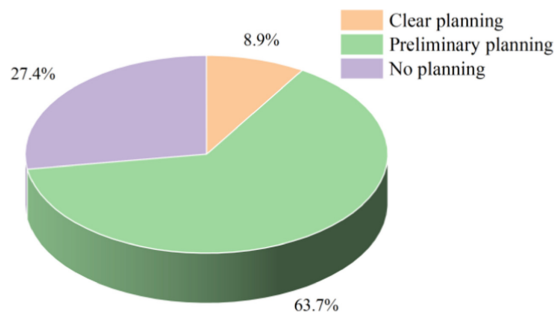


Fig. 3. Circumstances of interviewed students' future planning. [owner-draw]

for employment or postgraduate entrance examination, they do not have a comprehensive understanding of employment and postgraduate entrance examination, which is not conducive to the selection of employment work and postgraduate entrance examination institutions in the future. In terms of whether there is a clear plan for the future, the survey data shows that 27.42% of students have no plans for the future, which is a large group that cannot be ignored (as shown in Fig. 3).

When choosing the postgraduate entrance examination institutions, the vast majority of students are comprehensively considering their own strength, the geographical location of the school, the comprehensive strength of the school and the ranking of their majors. In the survey data on whether to participate in the postgraduate entrance examination training class, 12.37% of the students are sure to register, 30.65% of the students are sure that they will not participate, and 56.99% of the students are not sure whether they need the help of the postgraduate entrance examination training class (as shown in Fig. 4).

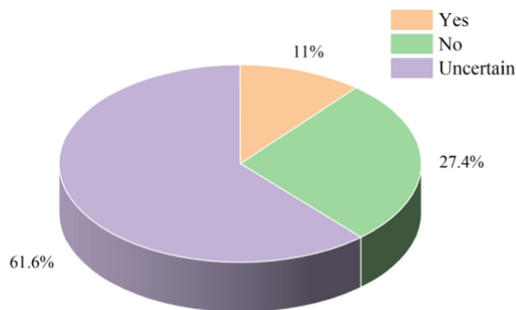


Fig. 4. Whether the interviewed students choose to participate in the postgraduate entrance examination training class. [owner-draw]

3 Problems in College Students' Career Development Planning

3.1 College Students' Career Planning System is not Perfect

In our survey results, we can see that college students' career development planning and self-planning awareness are insufficient, which reflects that there is a certain gap in the integrity of college students' career planning education system. Although the school has set up career related courses, the teachers do not know enough about the needs of the profession, the industry and the current situation of the enterprises related to the profession [2]. The number of teachers with professional knowledge is small, which leads to the insufficient degree of adaptation between the curriculum and the actual situation of students, and less effective knowledge acquisition of students. Secondly, career development planning is a process with a long-time span and strong specificity.

3.2 Inadequate Information Reserve and Weak Sense of Autonomy for Postgraduate Entrance Examination

The postgraduate entrance examination information reserve and job selection arrangement of this major are gradually accumulated by college students before they make the postgraduate entrance examination planning. However, on the one hand, college students lack the knowledge of the postgraduate entrance examination and future work information. Only 3.23% of college students have a good understanding of the work of their major and the relevant content of the postgraduate entrance examination, which indicates that college students have weak ability to independently obtain relevant information of their major, and reflects the lack of systematic education in the field of life development.

3.3 Unclear Objectives and Poor Ability of Independent Action

When asked about their own development in the future, students can't give a definite answer to their own development in the future. When the graduation season is approaching, college students will hesitate and wander between postgraduate entrance examination and work.

4 Conclusions

This survey is to analyze the problems and reasons of career development planning education for undergraduates in the School of Environmental Ecology and Biological Engineering of Wuhan Institute of Technology, and to develop a suitable education program in accordance with the actual situation of the institution, so as to help students to orient themselves more clearly, to be familiar with the employment environment and to understand the world of work, and to help them find their future development goals and put them into practice. At the same time, in the future career development education of college students, institutions will strengthen the ideological and political education and leadership of college students, improve their moral value standards, enhance their resistance to frustration, guide college students to take the initiative to learn and internalize their professional qualities in future development, and institutions will also strengthen school-school cooperation and school-enterprise cooperation, transform the shortcomings of traditional talent training programs, jointly promote the improvement of talent training quality, and promote graduates' fuller and higher quality employment.

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