

CHAPTER I

INTRODUCTION

Introduction is the first chapter of this study. It introduces the importance and objective of the study. The study is need analysis on English for Specific Purposes for Mathematics Education Department. This chapter consists of the background of study, research questions, objectives of study, significance of study, and definition of key terms.

A. Background of Study

Language is one of the most important things in communication and it is used as a tool of communication among the people all over the world. According to Brown (2000, p. 5), “Language is a system of arbitrary conventionalized vocal, written, or gestural symbols that enable members of a given community to communicate intelligibly with the another”. The fact is that language urgently needed by every human in the world to communicate which each other. Language is a gift from the God for the human beings. The God created different language, so that language is a part from His Power, as stated to the Holy Qur’an Surah Al-Hujurat verse 13 as follows:

يَا أَيُّهَا النَّاسُ إِنَّا خَلَقْنَاكُمْ مِنْ ذَكَرٍ وَأُنْثَىٰ وَجَعَلْنَاكُمْ شُعُوبًا وَقَبَائِلَ لِتَعَارَفُوا ۗ إِنَّ
أَكْرَمَكُمْ عِنْدَ اللَّهِ أَتْقَىٰكُمْ ۗ إِنَّ اللَّهَ عَلِيمٌ خَبِيرٌ

Based on the verse above, God creates human, men, women, and then makes us into different nations and tribes in order they know each other. Moreover, this verse stated that every nation and tribe has its on language which is used to communicate among them.

There are many languages in the world that are used to communicate, one of them is English. English is very important and has many interrelationships with various aspects of life owned by human beings. In Indonesia, English is considered as the first foreign language and taught formally from elementary school up to university level. In addition, English is an international language. It is used all over the world, so that it is an important language, learning English is needed for students.

UIN Antasari Banjarmasin is an example where some major in the faculty that are taught English. There are five faculties, one of the faculties is Faculty of Tarbiyah and Teacher Training. Mathematics Education Department includes one of the majors that learn English. They are not only taught material about mathematics, but also taught English for mathematics. The course is only available in the fifth semester and not in the other semester. The name of the course is Bahasa Inggris untuk Matematika or English for Mathematics. And the course is included in one of the compulsory subjects.

English for Specific Purposes certainly differs from general English. According to Hutchinson and Waters (2010, p. 19), ESP is an approach to language teaching in which all decisions as to content and method are based on the learner's reason for learning. ESP refers to learning English which is oriented towards the special needs of learners according to the field of study they are learning.

Before learning, the material studied already must be in accordance with the students' need. To achieve effectiveness in learning there needs

alignment between the needs of students and the abilities of the students themselves. Therefore, it is necessary to be investigated on the needs of students in learning English, especially students of Mathematics Education at UIN Antasari Banjarmasin. The material prepared and taught with the aim that students are gladly, great interest and concern to get learning, that's where the need analysis is required.

Need analysis in ESP refers to a course development process. In this process the language and skills that the learners will use in their target professional or vocational workplace or in their study areas are identified and considered in relation to the present state of knowledge of the learners, their perceptions of their needs and the practical possibilities and constraints of the teaching context (Basturkmen, 2010, p. 19). In other words, need analysis is closely related to the teaching language for English for Specific Purposes (ESP) which is an approach to design a curriculum that starts with the question of why the students need to learn English.

Hutchinson and Waters cited in Fatmawati (2017, p. 1) state that the analysis of the students' need often describes as the first stage before establish a course design. In the other words, analysis of the students' need means an effort to identify some things of the students that become consideration to decide what material must be studied. So, the students' need analysis attempts to investigate the relevance between target language (English), proficiency, and what the students have to do master English. It can be stated that the design of

English course for mathematics will be different from economic students, of course, because the needs of students are different, likewise with other majors.

Analyzing the students' need must be considered some ways those are target needs and learning needs. Both of the types is aim to appropriate content of English course design for students. Allah remains the human to prepare their generations who have competence by providing appropriate education for them, as stated that to the Holy Qur'an Surah An-Nisa verse 9 as follows:

وَلْيَخْشَ الَّذِينَ لَوْ تَرَكَوْا مِنْ خَلْفِهِمْ ذُرِّيَةً ضَعِيفًا خَافُوا عَلَيْهِمْ ۗ فَلْيَتَّقُوا اللَّهَ وَلْيَقُولُوا قَوْلًا سَدِيدًا

On the verse instructs Muslims to prepare a quality the next generation, so that the children are able to actualize their potential as a provision of life in the future. Accordance with the explanation above, before establish a course design, we need to know the students' need. Because the need of students is important aspects in creating effective teaching and learning process.

Based on the description earlier, the researcher is interested in conducted need analysis on English for specific purposes for Mathematics Education Department to investigate the problem faced and to find out the needs of fifth semester students at Mathematics Education Department.

B. Research Questions

To guide the research, the researcher formulates the research questions as follows:

1. What are the problems faced by the fifth semester students of Mathematics Education Department in English for Specific Purposes class ?

2. What are the needs of fifth semester students of Mathematics Education Department in English for Specific Purposes class ?

C. Objectives of Study

The objectives of this research is :

1. To investigate the problems faced by the fifth semester students of Mathematics Education Department in English for Specific Purposes class.
2. To find out the needs of fifth semester students at Mathematics Education Department in English for Specific Purposes class.

D. Significance of Study

The result of this research is expected to have advantages, such as:

1. English for Specific Purposes help students to fulfill their needs of using English in their ground in the future
2. English for Specific Purposes help teacher to prepare the material and strategy which appropriate the students' needs.
3. English for Specific Purposes help teacher to solve the problem in the teaching English in specific students.

E. Definition of Key Terms

To avoid misconception and misunderstanding of the study, the researcher would like to explain some key terms, as follow:

1. Need Analysis

The first stage in ESP course development is to do a need analysis to determine the “what” and “how” of a course. This is followed by curriculum design, materials selection, methodology, assessment, and

evaluation. In this research, the problem faced in teaching and the needs of the teacher and students were analyzed in the fifth semester students of the Mathematics Education Department's English for Specific Purposes class.

2. English for Specific Purposes (ESP)

English for Specific Purposes (ESP) is a type of English language instruction that is tailored to meet the specific learning needs of a particular learner or a group of learners in a specific time frame, for which general English instruction will not suffice. ESP is a course that teaches students how to use English in a specific setting, such as an academic, professional, or workplace environment. In this research, English for Specific Purposes refers to the learning that takes place in the fifth semester of the Mathematics Education Department's "English for Mathematics" courses.

3. Mathematics Education Department

Mathematics Education Department is one of the majors in Faculty of Tarbiyah and Teacher Training at UIN Antasari Banjarmasin. The researcher conduct the research for the fifth semester students of Mathematics Education Department.