



Statistical Package for the Social Science (SPSS). It was reported as 8.97.

The findings revealed positive attitudes of the three groups towards ESP course design. First-year science students indicated that they all realized the importance of English language teaching and learning in the study of science. They agreed that students having a good background knowledge of English would gain more benefit from their academic studies compared with those who did not have a good background. They also viewed practical uses of English in daily situations and their future careers as important. They all agreed in that there should be an ESP course to serve their needs in both academic and occupational areas. The main reasons of taking an ESP course were to be able to read scientific texts written in English and to learn technical terms used in the fields of science. The three groups of subjects agreed positively on the science students' problems in developing English language skills. The most crucial problems were speaking, listening, translating and writing. The first-year science students needed to use English in their future careers academic studies and in daily-life situations. Reading, translating and writing were the language skills they required to use in working,

studying and in their social life. The types of ESP courses science students required were described as follows:

1. ESP courses should be designed for occupational uses and academic studies. They can be either core courses or elective courses in which the emphasis must be placed on study of four skills using communicative language teaching methodology. English should be used as a medium of teaching but Thai can be used for explanation if necessary.

2. Courses should be provided for first-year students and the ideal number of students in each class is under 30.

3. Learning activities should be carried out with the use of audio-visual aids. The content of texts must be authentic and the assessment criteria for each course should involve marks for classroom tasks, a mid-term examination and a final examination.