

3. Investigating IELTS exit score gains in higher education

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Grant awarded Round 11, 2005

This study investigates the nature and rate of improvement on the IELTS score of international students for whom English is a second/additional language over the duration of their course of study in a large faculty of a major Australian university. It also examines the range of educational, personal and social factors impacting on this improvement.

ABSTRACT

A much under-researched issue in English-medium higher education is the extent to which international students for whom English is a second/additional language improve their proficiency in the language during their studies. This report describes a study which examined the improvement made by full-fee paying international students ($N = 63$) from a large faculty at a major Australian university on the Academic version of IELTS over the duration of their studies. Using official pre- and post-course IELTS results, student questionnaires, and student and staff interviews, the study investigated the rate and nature of the improvement, as well as the educational, personal and social factors influencing this improvement.

Key findings included the following points.

- 1) The greatest average improvement was in Listening and Reading and the least average improvement was in Writing.
- 2) The average improvement on Listening, Reading and Writing (but not Speaking) was significantly correlated.
- 3) Students with lower initial results in Listening, Reading and Writing tended to improve significantly more than students with higher results.
- 4) Undergraduate students improved more than postgraduate students.
- 5) The degree of English language support students sought within the university and the degree of contact they had with English outside the university strongly influenced their English language improvement.

These findings and their implications are discussed in detail in the report.

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IELTS RESEARCH REPORTS

VOLUME 10, 2009

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National Library of Australia, cataloguing-in-publication data
2009 edition, IELTS Research Reports 2009 Volume 10
ISBN 978-0-9775875-6-8

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1. BACKGROUND AND RATIONALE

There are several crucial English language proficiency issues for international higher education students who have a first language other than English and who are studying in English-medium contexts. Firstly, there is the question of whether students' proficiency is adequate to commence university study. Secondly, the issue of whether students require additional English language instruction as part of their course of study. Thirdly, the vexed question of whether students should be required to demonstrate a particular level of proficiency at the end of the course as part of the certification process.

The issue of whether there should be an assessment of English proficiency when students exit a higher education course where the medium of instruction is English has been the subject of some debate in recent years. There are good reasons why such assessments might be useful. Exit tests could be viewed as one measure of accountability to stakeholders in English-medium higher education to demonstrate the level of proficiency attained in English by students in all disciplines. The use of exit tests may lead to positive washback on the academic curriculum in so far as ongoing English language development could assume a higher priority for universities as a result. Exit tests can also provide information to prospective employers about a student's competence in English. In addition, they provide students with an indication of their overall progress in the language during the time they have spent studying in an English-medium context.

Why, then, has there been an international reluctance to use exit tests to date? The answer is complex. Berry and Lewkowicz (2000), for example, suggest a number of reasons why exit tests have been resisted in Hong Kong, which are mainly related to their possibly negative impact and washback effects. They suggest that exit tests may:

- provide unfair comparative measures of inter-institutional performance as they would not necessarily take into account the differing English entry levels and the kinds of English language support provided both across and within institutions
- have a negative washback effect on the existing curriculum in so far as teachers and students may be overly focused on the exit assessment
- represent a retrograde tendency in the assessment of university study and may set up too strong a barrier to graduation for some students
- not necessarily lead to an upgrading of language competence.

Berry and Lewkowicz believe that language tests may not have been readily accepted by teachers and students for these reasons. While these are all legitimate reasons, they are largely speculative. However, in the same study, Berry and Lewkowicz (2000) surveyed 1418 undergraduate students at the University of Hong Kong to gather students' views about the desirability of introducing compulsory language assessment prior to graduation, and found that 30% of respondents believed that an exit test should be a requirement for all graduating students. Interestingly, the majority of these students (50%) favoured an international test such as IELTS or TOEFL. The main reasons for this choice were that: firstly, these tests are already internationally recognised which means that employers know their value and can relate to them; secondly, they are fair to all as they are standardised and reliable measures of language proficiency; and thirdly, they can be taken on more than one occasion and students are therefore not bound by a single test date. However, some concern was voiced about ensuring that any assessment used was formally recognised, especially by potential employers, and that students should be offered more optional language courses at university to prepare for the test.

Those against the use of these tests felt that such tests may not be relevant to Hong Kong students and that they may place too much pressure on them to reach the required standard to graduate.

In comparing the various options for an exit assessment of students' English language competence Berry and Lewkowicz (2000, p 37) note that tests like IELTS were designed for a different context and purpose, ie to assess students' ability for future academic study in English. In this sense, IELTS fulfils the traditional requirements of a proficiency test. An exit test, on the other hand, is an achievement test – it looks back at what has been learnt. However, as Davies (1992, p 40) points out, this is not a straightforward distinction as these two kinds of tests have overlapping functions. Achievement assessments, for instance, do not always relate to a fixed or defined syllabus. From this perspective, it is quite feasible that a test like IELTS could serve the dual purposes of assessing students' readiness to undertake higher education as well as their exiting competence.

To date, research on score gains based on the IELTS Test has been limited mostly to studies examining the effect of short, intensive, pre-sessional English programs taken by students preparing to enter university (Brown 1998; Archibald 2001; Read and Hayes 2003; Elder and O'Loughlin 2003; Rao et al 2003). Elder and O'Loughlin (2003), for example, examined the progress made by 112 students in Australia and New Zealand studying pre-university intensive English over 200 to 240 hours of instruction. Students sat an IELTS Test at the beginning and end of this period. They found that the average amount of improvement over this period was 0.5 of an overall band but that there was strong variability among the students, with some making no progress at all. In addition, it was found that the more proficient students had a lower level of improvement on the IELTS Test than the less proficient students. In Green's study (2005), while a student with a Writing band score of 4 on entry to a two-month pre-sessional course was likely to obtain 5 at the end of the course, a student who obtained a Writing band score of 6 was more likely to obtain a score of 6 again than advance to a 7. This pattern is consistent with the well-recognised effect of regression to the mean in test scores. Green (2005) also notes considerable individual variation in rate of gain.

While these studies have added to our understanding of score gains on IELTS, the important issue of improvement on the Test over longer periods of time, such as from the beginning to the end of higher education courses conducted in English, has not been seriously examined. Therefore, a study such as this is needed, not only to investigate the potential suitability of IELTS as an exit test in higher education, but also because it may shed more light on the amount and type of improvement required to move up from an overall band score of 6.5 to a score of 7 or higher. This is an important question if the Test is to be used to discriminate at these levels in the future. Such discrimination has already started to occur in some courses in higher education in Australia. For instance, international students applying to specialise in Teaching English to Speakers of Other Languages (TESOL) within the Graduate Diploma of Education at The University of Melbourne now require an overall band score of 8 on IELTS. This decision was made in a bid to ensure that all students have adequate English language proficiency to undertake their teaching practicum in local secondary schools. However, more empirical data is needed about the nature of English language proficiency at the more advanced levels (7 and above), how difficult it is to achieve them and what enabling conditions (educational, personal and social) might assist students in reaching them. Elder and O'Loughlin (2003) examined a wide range of factors influencing score gains amongst international students. Using data collected from questionnaires and interviews with students and teachers, they found that the reasons for improvement (or the lack of it) included motivation, type of housing accommodation, self-confidence and the extent to which students used or accessed English outside the classroom. However, their study focused on students with an initial score of less than 6 enrolled in intensive pre-sessional English courses. It is worth investigating whether the same factors are salient for students starting with higher levels of proficiency undertaking higher education courses.

2. RESEARCH QUESTIONS

This paper seeks to answer the following questions.

1. How much improvement on the IELTS Test can be expected of undergraduates and postgraduates who are completing higher education courses in an English-medium context?
2. What educational, personal and social factors influence this improvement?

3. THE IELTS CONSTRUCT

To interpret score gain on IELTS, it is necessary to define the construct being assessed in the Test. *The IELTS Handbook* (2007, p 2) suggests that the Test “is designed to assess the language ability of candidates who need to study or work where English is the language of communication”.

The test is available in two formats – Academic and General Training. The Academic Reading and Writing tests assess whether a candidate is ready to study or train in the medium of English at an undergraduate or postgraduate level. The Listening and Speaking tests are common to both the Academic and General Training formats. Each candidate takes four tests, one in each of the four skills – Listening, Reading, Writing and Speaking. *The IELTS Handbook* (2007, p 3) states that the “tests are designed to cover the full range of ability from non-user to expert use”. Candidates receive a band score for each of the four modules, as well as an overall band score which is a rounded average of these four results.

In this study, candidates sat for an official Academic IELTS Test on two occasions – once before they applied to enter their undergraduate or postgraduate course at The University of Melbourne (referred to as Test 1) and again in the final semester of their course (referred to as Test 2). As all test administrations took place before July 2007, the scores for Listening and Reading were reported in whole and half bands but for Writing and Speaking in whole bands only. (After this time, all four skills were reported in whole and half bands.)

What ability or abilities are assessed in the IELTS Academic Test? It is fundamentally an academic language proficiency test, ie, it predicts the extent to which a candidate will be able to begin studying through the medium of English.

In terms of the model of proficiency underlying the Test, Davies (2008, p 106), in his comprehensive history of IELTS, suggests that the Test samples what has been called “communicative language ability”, taking a more abstract view of communicative competence than had been the case up until the latest revision of the Test in 1995. He suggests that the current IELTS Test is supported by Bachman’s (1990) Interactional Ability (IA) model as opposed to a Real Life (RL) one, the latter including more discipline-specific Academic Reading tests in the early 1990s. Davies (2008, pp 109-111) argues that “tests cannot be authentically real-life: the best they can do is simulate reality” and that the current IELTS Test “represents a kind of regression to the mean, a (good) compromise between the extremes of the structural and the communicative”.

Davies suggests that IELTS is a test of generic academic language ability, basing this claim on his definitions of ‘academic language’ and ‘language proficiency’. Academic language according to Davies (2008, p 113) is:

...the language of coherent argument where implications are understood and inferences made. It is, above all, the discourse in which, as reader, as listener, as speaker and as writer, the candidate makes sense of what has gone before and responds, and continues to respond appropriately.

And academic language proficiency is (Davies 2008, p 113):

...skilled literacy and the ability to move easily across the skills. In other words, it is the literacy of the educated, based on the construct of there being a general language factor relevant to all those entering higher education, whatever specialist subject(s) they will study.

The current IELTS Test therefore “quite deliberately eschews any claim to specificity because what it wishes to claim is that the test is generic, potentially generalisable to any type of academic language use” (Davies 2008, p 108).

The Academic Test could be said to include a test of general academic literacy through the Academic Reading and Writing tests. The fact that the Listening and Speaking tests are common to both the Academic and General Training formats does not necessarily imply that the skills being assessed are not academic. However, they are certainly less explicitly academic in character than the other two tests.

4. CONTEXT OF THE STUDY

4.1 Research site

The study was conducted in the Faculty of Economics and Commerce, The University of Melbourne, Australia from June 2006 until December 2007. This research site was also used in another funded project undertaken during 2005 by O’Loughlin (2008) to examine the use of IELTS in university selection.

The Faculty of Economics and Commerce is one of The University of Melbourne’s largest faculties and has its highest number of international student enrolments. In 2005, a total of 4585 students were enrolled in its undergraduate and postgraduate programs; of these, 46% were international students. In 2006, the total number of students was 4900 and within that cohort, 48% were international students.

The faculty offers a range of coursework and research programs in four departments: Accounting and Business Information Systems; Economics; Finance; and Management. In addition to its award programs, the faculty provides a range of non-award support programs and services through its Teaching and Learning Unit (TLU) to enhance the quality of teaching and learning for both local and international students. The development of students’ academic English skills is one major focus of the unit’s activities. The extent to which participating students benefit from its programs and services is examined in this study.

4.2 English language entry requirements

In 2006–7, the minimum IELTS requirements for entry to courses in the Faculty of Economics and Commerce at the university were:

- a) undergraduate courses – an overall band score of 6.5 including at least 6.0 in Writing
- b) postgraduate courses (excluding PhD) – an overall band score of 6.5 including at least 6.0 in all four individual bands.

These results must have been obtained within the 24 months preceding their course application.

While the official *IELTS Handbook* advises that an overall band score of 7.0 is ‘probably acceptable’ for ‘linguistically demanding’ academic courses, overall band scores of 5.5 to 6.5 are accompanied by the recommendation ‘English study needed’ (2005, p 5). This advice implies that it is the responsibility of universities to provide additional English language support to students when admitted to ‘linguistically demanding’ courses at these lower levels. However, some subjects offered by the faculty are less ‘linguistically demanding’ than others. Therefore, this advice would need to be more strongly heeded in some subjects than others.

5. METHODOLOGY

5.1 General approach

The study employed a case study approach to investigate the research questions.

Stake (1994, p 237) distinguishes between *intrinsic* and *instrumental* case studies. In the intrinsic case study, the researcher is focused entirely on the particular case. In the instrumental case study, on the other hand, a particular case is investigated to throw light on an issue or theory. In this instance, Stake (1994, p 237) suggests:

The case is of secondary interest; it plays a supportive role, facilitating our understanding of something else. The case is looked at in depth, its contexts scrutinised, its ordinary activities detailed, but because this helps us pursue the external interest.

The research reported here is an example of an instrumental case study. In focusing on exit score gains in the faculty at the university, the study aims to shed light on the rate of improvement which can be expected of undergraduate and postgraduate students over the duration of their higher education course as well as the educational, personal and social factors impacting on this improvement. This does not mean that all faculties across a single university or all universities are identical in terms of the international student experience but, rather, the study of one case has the potential to illuminate important aspects of this experience in other contexts.

5.2 Data collection

There were three main forms of data collection:

1. Test 1 and Test 2 IELTS scores
2. student questionnaires
3. interviews conducted with students and academic staff.

5.2.1 IELTS Test 1 and Test 2 scores

Students presented an original copy of the IELTS results used for entry into their current course in the faculty. These results are referred to as IELTS Test 1 scores.

The students undertook a second IELTS Test for the study in the last semester of their courses at the university. The results of this test are referred to as Test 2.

5.2.2 Student questionnaires

Students were asked to complete a questionnaire as a component of their participation in the study (see Appendix 1). The questionnaires contained a combination of forced-choice and open-ended items and were designed to elicit information about:

- the participants' personal and academic background
- their perceptions of their English language abilities before and during their course
- the factors that assisted or hindered their English language development while studying in their course.

The final item in the student questionnaire provided opportunities for the participants to comment on any other aspect of their experience.

5.2.3 Interviews with students and academic staff

Semi-structured focus group interviews were conducted with a sample of student participants following the release of their Test 2 results. The purpose of the interviews was to explore the factors that assisted or hindered their improvement over the period of their study. Interviews were conducted by one or both of the researchers. The interview schedule is provided in Appendix 2.

Interviews with academic staff were conducted to elicit information about the learning environment and the factors that they saw as important in influencing the English language development of international students for whom English is a second language. The interviews were conducted with selected pairs of staff participants. Both researchers were involved in conducting staff interviews. The interview schedule is provided in Appendix 3.

5.3 Procedures

The original plan was to recruit 100 students (50 undergraduate and 50 postgraduate students). However, initial difficulties in recruiting students led to a re-negotiation of this number and the timeline of the project with the funding body, IELTS Australia. A second round of recruitment followed, resulting in a total of 63 students participating in the study.

The study began in May 2006 and continued through to October 2007. Ethics approval for the conduct of the project was gained from The University of Melbourne Ethics Committee before the recruitment of participants. Advice for recruiting students was sought from the Director of the Teaching and Learning Unit within the faculty and staff in the faculty office. Initially, contact with students was made through email, which resulted in some students volunteering to participate. However the numbers were low. Advertisements were then posted in and near the faculty and academic staff were asked to advertise the project in lectures. The email notices and the advertisements clearly indicated the date of the IELTS Test and that it was offered free of charge. These recruitment strategies resulted in 25 students volunteering to participate in the study by June 2006.

After re-negotiations with IELTS Australia, the recruitment period was extended so that more students could be sought. The second phase of recruitment then began in February 2007. The research assistant sent emails to students, attended lectures to brief students about the project and posted advertisements in and near the faculty. This activity resulted in the recruitment of 38 students.

In each of the two recruitment phases, the same procedures were adopted. The data collection was planned so that students could complete a questionnaire, sit for their second IELTS Test and participate in group interviews arranged according to their IELTS results during their final semester of study while they were still accessible in Australia. This meant that they needed to sit for the IELTS mid-way through their final semester rather than at the end. This is a constraint for studies which seek to test the exit level of international students, particularly if interviews are used for data collection.

Students were first invited to attend a project briefing session. They received information about the project including a plain language statement, consent form (including permission for the researchers to be given access to their Test 2 results) and student questionnaire. The researchers described the project, then the students were given time to read the information and sign the consent form, after which they were asked to complete the student questionnaire. They were asked to produce their original IELTS Test 1 results and their record of enrolment at the university to ensure that they were studying in the final year in the faculty. Once this information had been collected, students were given details for enrolling in IELTS Test 2.

Students sat for their official IELTS Test 2 on either 2 September 2006 or 31 March 2007 at RMIT English Worldwide in Melbourne. On the first date, there were 16 undergraduate and nine postgraduate students. On the second date, there were 14 undergraduate and 24 postgraduate students.

Student interviews were organised after the results of Test 2 had been sent to the researchers. Emails were sent to students with information about the scheduled interviews and requesting student volunteers. A total of 22 students participated in the interviews. The interviews themselves were built around participants' questionnaire responses. The interviews allowed for clarification and extension of the student questionnaire responses, particularly in relation to the factors that influenced their English language development within and outside the university during their course. All interviews were conducted as focus groups. Participants were shown their completed questionnaires to refresh their memories. The interviews were audio-taped for subsequent analysis.

Staff participants were recruited for the study after all of the student data had been collected. An invitation to participate was emailed to all academic staff in the faculty. The respondents were sent the plain language statement and the consent form. Interviews were organised to suit the availability of staff involved. Three staff interviews were organised, each involving two participants and the two researchers. The interviews began with discussion of the preliminary analysis of the score gains between the students' Test 1 and Test 2 results, as well as some of the general comments made by students in the interviews. The preliminary findings were used as prompts to elicit discussion about the learning environment and the factors that they saw as important in influencing the English language development of international students for whom English is a second language. Audio-tape recordings were made of the interviews for subsequent analysis.

5.4 Study participants

A total of 63 volunteer international students for whom English was a second/additional language were recruited for the study. The cohort consisted of 30 undergraduate and 33 postgraduate (but not PhD) students, who were invited to participate in the study in their final semester.

All undergraduate students were in the final semester of the Bachelor of Commerce degree of three years' full-time duration. The postgraduate students were also in their final semester of study and were completing a wide range of courses of between 12 to 18 months full-time at the Graduate Diploma and Masters levels.

One uncontrollable source of variability in the results reported here relates to the time when Test 1 was undertaken by the students. Given that IELTS Test results are considered valid for up to two years before they are used for an entry application, it is possible that students' proficiency had either improved or declined between Test 1 and starting their course. Whether or not they improved depended on factors such as their exposure to the use of English and additional courses that they may have undertaken after Test 1. The other variable factor was the amount of time students had been studying their higher education course when they took Test 2. Undergraduate students took Test 2 two and a half years after commencing their studies and postgraduate students six to 12 months.

Due to the problems of recruiting adequate numbers of students in the study, these variables could not be held constant. Obviously these sources of variability reduce the ability to generalise the findings in relation to score gains. However, we consider that this is the price of conducting a 'real life' study where such variables cannot be tightly controlled. As a result, the study is high in ecological validity. Nevertheless, the statistical findings presented later in this report should be viewed cautiously in light of these two different sources of variability and the small sample size (N=63). The findings should be read as suggestive of trends rather than as authoritative results.

The statistical results formed the basis on which to select the case studies of students. To participate in the study, each student needed to have satisfied the faculty's English language entry requirements with results from an IELTS Test and be able to produce an official record of their results. This enabled the researchers to conduct a direct comparison of their entry and exit proficiency as evidenced on the IELTS Test. They also needed to have already successfully completed two and a half years' equivalent full-time undergraduate study or at least six months' equivalent full-time postgraduate study. In return for their participation, all students were invited to take an official IELTS Test free of charge.

Relevant information about the 63 students from the Faculty of Economics and Commerce is summarised in Table 1 below. All had indicated that they had used their IELTS Test 1 in their application for their current course within the faculty. Even though the formal entry requirement is an overall score of 6.5, one student had an IELTS Test 1 overall score of 5.5, and four had an overall score of 6.0.

Study level		Sex	
Undergraduate	30	Male	37
Postgraduate	33	Female	26
Country of origin		First Language	
China	34	Chinese (Mandarin)	35
Malaysia	10	English (Malaysia)	6
Hong Kong	4	Cantonese	5
Indonesia	4	Indonesian (Bahasa)	5
Vietnam	4	Vietnamese	4
India	2	Malay	2
Brazil	1	Bengali	1
Japan	1	Hindi	1
Peru	1	Japanese	1
Taiwan	1	Portuguese	1
Thailand	1	Spanish	1
		Thai	1

Table 1: Student participants – background data

Six academic staff participated in the study. Of the three disciplinary staff, two were professors and one was a senior lecturer. All coordinated subjects in undergraduate and postgraduate programs and were involved in teaching international students. They ranged in experience from six years to 30 years in university teaching. The Teaching and Learning Unit staff were all experienced in supporting international students' academic learning. One was a senior lecturer involved with postgraduate students and the other two were lecturers who worked with undergraduate students in the faculty.

5.5 Methods of analysis

5.5.1 Test scores

The test scores obtained by student participants for IELTS Test 1 and Test 2 were analysed quantitatively to answer Research Question 1 regarding how much improvement can be expected by students. This question was answered by analysing what improvement the students made, as well as the nature of that improvement across the four skills.

To answer the question of the improvement made by the participants on the IELTS Test, data from Test 1 and Test 2 were collected and cross-tabulated. These included individual scores for Listening, Reading, Writing, Speaking and overall. Descriptive statistics for Test 1, Test 2 and score gains from Test 1 to Test 2 were calculated. These included the mean, standard deviation and standard error of the mean figures.

To investigate the nature of the improvement, Principal Components Analysis (PCA) was used to explore whether the pattern of improvement was the same or different across Listening, Speaking, Reading and Writing. Next, regression analyses were undertaken to examine whether students with lower or higher initial scores were improving most across the same four skills.

5.5.2 Student questionnaires

The student questionnaire data was analysed both quantitatively and qualitatively to explore Research Question 2. The responses were coded and entered into a database. Some of the questionnaire data was categorical (eg sex and country of birth), some ordinal (eg years of studying English or years in Australia) and others experiential (eg language support offered at university). Some of the data was also narrative in character (eg optional further comments). The complete breakdown of the results for each of the questions is presented in Appendix 6.

Regression analyses were conducted to investigate the relationship between score improvement and students' responses to the questionnaire they completed when they agreed to participated, ie prior to Test 2.

5.5.2 Interviews with students and academic staff

The staff and student interviews were examined qualitatively in relation to Research Question 2. Initially, they were transcribed by the research assistant. Running summaries of the themes, issues and ideas raised in the interviews were made by the two researchers. Positioning theory (Harré and van Langenhove 1999) informed the analyses of the interviews in relation to the agency of the students and the teachers within the institutional practices of the university. Implicit within this model is the agency that people demonstrate in achieving, accepting or rejecting positioning acts within focus group interviews. Overall themes and issues raised in each interview were noted for comparison across interviews. The summaries of the student and staff interviews are Appendix 7 and 8 respectively. The interview data and the questionnaires were used in the analysis to answer the second research question concerning the educational, personal and social factors that influence student improvement.

Following the initial analyses of the student interviews, six were chosen by the researchers as case studies illustrating firstly, the most common trends in the test score data and secondly, the major themes in the interview data. The test scores and interview contributions of these six students then formed the basis of the case studies.

6. RESULTS

The results of the study are organised under the two main Research Questions.

1. How much improvement on the IELTS Test can be expected of undergraduates and postgraduates who are completing higher education courses in an English-medium context?
 2. What educational, personal and social factors influence this improvement?
- 6.1 How much improvement on the IELTS Test can be expected of undergraduates and postgraduates who are completing higher education courses in an English-medium context?**

This question was addressed by examining the rate and nature of students' improvement from Test 1 to Test 2.

6.1.1 How much improvement did the participants make from Test 1 to Test 2?

The amount of improvement made by the 63 student participants is reported below in terms of their Listening, Reading, Writing, Speaking and overall scores. Obviously, the small sample size means generalising to the wider population is problematic. Between 2006 and 2007 when the study was conducted, the Listening, Reading and overall scores were expressed from 1.0 – 9.0 in increments of 0.5 while Writing and Speaking were expressed from 1.0 – 9.0 in whole numbers only.

6.1.1a Cross-tabulations

Initially, the data from Test 1 and Test 2 was cross-tabulated to analyse the amount of improvement made by students in Listening, Reading, Writing, Speaking and overall. There were no missing observations in the data.

These cross-tabulations show that many of the student participants exceeded the minimum entry scores for both undergraduate and postgraduate study in the faculty at the university in Test 1. Recall that these levels were overall 6.5 with Writing no less than 6.0 for undergraduate study and an overall score of 6.5 with no band less than 6.0 for postgraduate study (excluding PhD). On average, student scores showed improvement both overall and across each of the four skill areas although there was more improvement in some skills than others. The amount of improvement is described in detail below.

Listening scores

Table 2 shows that, for Listening, the scores ranged from 5.5 to 8.5 on Test 1 and from 6.5 to 8.5 on Test 2. The mode was 7.0 for Test 1 (17 students) and 8.0 for Test 2 (14 students).

		Test 2 results									
		5	5.5	6	6.5	7	7.5	8	8.5	9	
Test 1 results	5	0	0	0	0	0	0	0	0	0	
	5.5	0	0	0	1	0	0	1	0	0	
	6	0	0	0	1	1	1	2	0	0	
	6.5	0	0	1	4	2	5	2	0	1	
	7	0	0	0	4	3	4	5	1	0	
	7.5	0	0	0	1	4	3	2	1	0	
	8	0	0	0	0	0	0	2	4	3	
	8.5	0	0	0	0	0	0	0	3	0	
	9	0	0	0	0	0	0	0	1	0	

Table 2: Listening scores. Number of students at each IELTS band at Test 1 and Test 2*Reading scores*

Table 3 below shows that the scores ranged from 5.0 to 9.0 on Test 1 and from 5.5 to 9.0 on Test 2. The mode was 6.5 for Test 1 (20 students) and 7.5 for Test 2 (21 students).

		Test 2 results									
		5	5.5	6	6.5	7	7.5	8	8.5	9	
Test 1 results	5	0	0	0	1	0	1	0	0	0	
	5.5	0	1	0	1	0	0	0	0	0	
	6	0	0	0	2	2	1	0	0	0	
	6.5	0	0	0	4	5	10	0	1	0	
	7	0	0	2	2	3	4	3	1	2	
	7.5	0	0	0	0	1	3	3	3	0	
	8	0	0	0	0	1	1	0	0	1	
	8.5	0	0	0	0	0	0	0	2	0	
	9	0	0	0	0	0	1	0	0	1	

Table 3: Reading scores. Number of students at each IELTS band at Test 1 and Test 2*Writing scores*

Table 4 below shows that the scores ranged from 5.0 to 8.0 on Test 1 and from 5.0 to 9.0 on Test 2. The mode was 6.0 for Test 1 (26 students) and 6.0 for Test 2 (28 students).

		Test 2 results					
		5	6	7	8	9	
Test 1 results	5	0	6	1	0	0	
	6	2	16	7	1	0	
	7	2	6	11	6	0	
	8	0	0	0	3	2	
	9	0	0	0	0	0	

Table 4: Writing scores. Number of students at each IELTS band at Test 1 and Test 2

Speaking scores

Table 5 below shows that the scores ranged from 5.0 to 9.0 on Test 1 and from 5.0 to 9.0 on Test 2. The mode was 6.0 for Test 1 (33 students) and 7.0 for Test 2 (27 students).

		Test 2 results				
		5	6	7	8	9
Test 1 results	5	1	0	1	0	0
	6	0	15	16	2	0
	7	0	3	10	7	0
	8	0	0	0	4	3
	9	0	0	0	1	0

Table 5: Speaking scores. Number of students at each IELTS band at Test 1 and Test 2

Overall scores

Table 6 below shows that the scores ranged from 5.5 to 8.5 on Test 1 and from 6.0 to 8.5 on Test 2. The mode was 6.5 for Test 1 (26 students) and 7.0 for Test 2 (18 students).

		Test 2 results								
		5	5.5	6	6.5	7	7.5	8	8.5	9
Test 1 results	5	0	0	0	0	0	0	0	0	0
	5.5	0	0	0	1	0	0	0	0	0
	6	0	0	1	4	1	1	0	0	0
	6.5	0	0	1	8	14	3	0	0	0
	7	0	0	0	1	3	9	1	0	0
	7.5	0	0	0	0	0	3	4	3	0
	8	0	0	0	0	0	0	2	2	0
	8.5	0	0	0	0	0	0	0	1	0
	9	0	0	0	0	0	0	0	0	0

Table 6: Overall scores. Number of students at each IELTS band at Test 1 and Test 2

6.1.1b Descriptive statistics

Tables 7, 8 and 9 below show the means, standard deviations and standard error of the mean for the Listening, Reading, Writing, Speaking and overall scores for a) Test 1, b) Test 2 and c) improvement from Test 1 to Test 2.

	Mean	Standard deviation	Standard error of mean
Listening	7.087	0.754	0.095
Reading	6.889	0.800	0.101
Writing	6.444	0.799	0.101
Speaking	6.556	0.799	0.101
Overall	6.825	0.603	0.076

Table 7: Descriptive statistics, Test 1 (N= 63)

	Mean	Standard deviation	Standard error of mean
Listening	7.587	0.781	0.098
Reading	7.421	0.789	0.099
Writing	6.651	0.936	0.118
Speaking	7.000	0.880	0.111
Overall	7.238	0.653	0.082

Table 8: Descriptive statistics, Test 2 (N= 63)

	Mean	Standard deviation	Standard error of mean
Listening	0.500	0.767	0.097
Reading	0.532	0.772	0.097
Writing	0.206	0.826	0.104
Speaking	0.444	0.690	0.087
Overall	0.413	0.387	0.049

Table 9: Descriptive statistics for improvement from Test 1 to Test 2 (N= 63)

Table 7 indicates that for this cohort of students, on average, the strongest skill was Listening followed by Reading, Speaking and Writing respectively on Test 1. Table 8 shows that this order was the same for Test 2. The spread of scores (as measured by the standard deviation) was fairly similar.

Table 9 shows that the greatest *average* improvement in Test 2 was in Listening and Reading (0.500 and 0.532 respectively), and that the Writing test showed the least improvement (0.206). It is worth remembering here that, unlike the Listening and Reading tests, the Writing and Speaking tests results were still reported in whole bands during the period in which this study was conducted and therefore, unlike Listening and Reading, did not register smaller amounts of progress. Nevertheless, the finding that the students showed the least improvement in Writing suggests that students may not always be required to develop their writing skills in their higher education courses.

6.1.2 What was the nature of the improvement from Test 1 to Test 2?

In this section, we examine the patterns of improvement in the data set. Initially, the issue of whether improvement in all four Bands (Listening, Reading, Writing and Speaking) followed the same pattern was investigated. This was done using a factor analytic approach, specifically Principal Components Analysis (PCA).

6.1.2a Principal Components Analysis (PCA)

Table 10 reports the unrotated factor matrix for the four aspects of language learning, namely improvement in Listening, Writing, Reading, and Speaking. Here we see that the while Listening, Writing and Reading group together on the first principal component (ie are strongly correlated), improvement in Speaking is separate from these, loading on the second principal component.

	Factor 1	Factor 2
Listening improvement	.70556	
Writing improvement	.65446	.44200
Reading improvement	.57379	
Speaking improvement		.87616

Table 10: Unrotated factor matrix

Normally, it is prudent to rotate the factors, to 'even out' the loading of variance on the factors. In the *unrotated* analysis, the first factor accounts for as much as possible. In the *rotated* analysis, the variance is spread more equitably among the main factors. However, as is commonly the case when the number of variables is small – as in this case (just four variables) – the rotated and unrotated analyses generally give very similar results. In Table 11, the rotated factor matrix is displayed, and again, it is clear that improvement in Listening, Writing and Reading group together on the first principal component, while improvement in Speaking stands apart. In other words, there is no correlation between the improvement in Speaking and the average of the improvement in Listening, Reading and Writing.

	Factor 1	Factor 2
Writing improvement	0.77484	
Reading improvement	0.60203	
Listening improvement	0.57065	-0.46240
Speaking improvement		0.91975

Table 11: Rotated factor matrix (varimax rotation)

The factor analyses imply that there is some correlation between those three skills which load on the first factor, but this needed to be checked using a measure of the inter-correlation between the three items such as Cronbach alpha. The result for this test was 0.3598. While reasonably strong, this figure may have been weakened by the relatively small sample size (N= 63). Nevertheless, it is clear that the pattern of improvement in Speaking is significantly different from the Listening, Reading and Writing.

Figure 1 plots the improvement in Speaking (X-axis) against the average improvement in Listening, Reading and Writing (Y-axis) with each dot representing one student. For example, the figure shows that there is one student who improved by 1.5 bands in Speaking and an average of 2.0 on the other three skills. The graph shows clearly that there is a very weak correlation between the average Listening, Reading and Writing scores and the Speaking scores.

Thus, it makes little sense to use the overall score, the adjusted average of the four skills, as an accurate measure of individual improvement for the data obtained in this study. The results suggest it is more meaningful to average the results on the Listening, Reading and Writing tests only and to treat Speaking separately.

The findings indicate that the pattern of scores for Speaking is different from the other three skills. The reasons as why this occurs are difficult to interpret. From the perspective of construct validity, this finding suggests that Speaking constitutes a different dimension of 'communicative language ability' than the other three skills. However, it should be recognised that there is a potentially weaker reliability associated with scores in Speaking than in the other three subtests. This unreliability derives mainly from the fact that the student performances are only rated by one IELTS Examiner (as is the case for Writing) but also because Examiners may positively or negatively impact on these performances in their role as interlocutors.

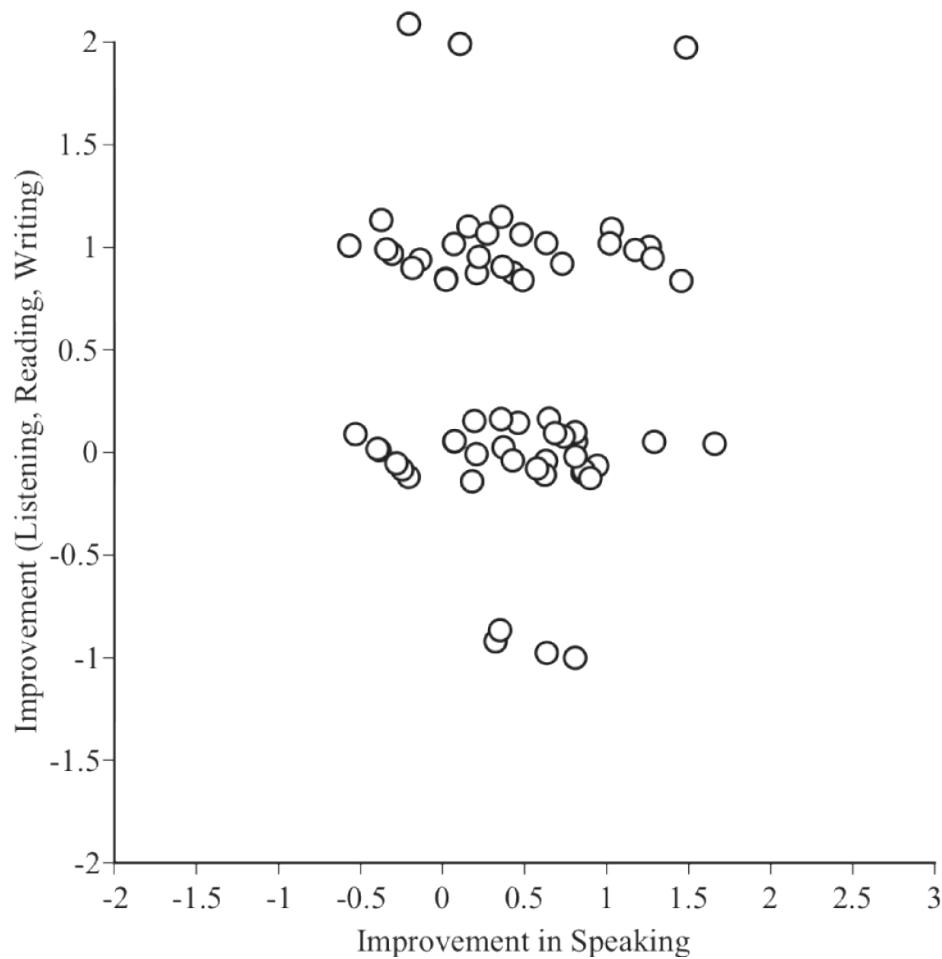


Figure 1: Improvement in Speaking versus improvement in Listening, Reading and Writing

6.1.2b Regression analyses

In the next stage of the analysis, we wished to test the hypotheses that students with *lower initial scores* improved more than students with *higher initial scores* for each of the language learning components. We tested this improvement firstly, in each of the four skills, secondly, for the overall scores and lastly, on the average of Listening, Reading and Writing using Ordinary Least Squares regression (OLS). Note that in these and subsequent regression analyses reported in this study, $p < 0.05$ is taken as the threshold for statistical significance and is denoted by a single asterisk (*). Statistical significance at the 0.01 level is denoted by two asterisks (**).

Tables 12 to 16 provide the results for each of the four skills. In each case, the explanatory variable (the initial scores), predicts the dependent variable (the respective improvement scores). We notice that in each case, not only is the explanatory variable statistically significant in each regression, but the T coefficient is negative. This confirms our hypothesis that students with lower initial scores improved more than those with higher initial scores in each of the four skills tests.

Dependent Variable: Improvement in Listening score						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Listening Score	-0.4820	0.1147	-0.4738	-4.2020	0.0001	**
(Constant)	3.9161	0.8174		4.7910	0.0000	

Notes: Overall regression F-stat=17.658 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0001. The r-squared figure is 0.2245.

Table 12: Regression results for improvement in Listening scores

Dependent Variable: Improvement in Reading score						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Reading Score	-0.4790	0.1072	-0.4968	-4.4700	0.0000	**
(Constant)	3.8317	0.7431		5.1570	0.0000	

Notes: Overall regression F-stat=19.984 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0000. The r-squared figure is 0.2468.

Table 13: Regression results for improvement in Reading scores

Dependent Variable: Improvement in Writing score						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Writing Score	-0.3483	0.1247	-0.3368	-2.7930	0.0070	**
(Constant)	2.4510	0.8097		3.0270	0.0036	

Notes: Overall regression F-stat=7.802 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0070. The r-squared figure is 0.1134.

Table 14: Regression results for improvement in Writing scores

Dependent Variable: Improvement in Speaking score						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Speaking Score	-0.2669	0.1053	-0.3087	-2.5350	0.0138	*
(Constant)	2.1938	0.6951		3.1560	0.0025	

Notes: Overall regression F-stat=6.426 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0138. The r-squared figure is 0.0953.

Table 15: Regression results for improvement in Speaking scores

However, when we tested the overall scores (the adjusted average of all four skills tests), the result was not statistically significant as shown in Table 16 below.

Dependent Variable: Improvement in overall scores						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Overall Score	-0.1200	0.0806	-0.1873	-1.4900	0.1415	n.s.
(Constant)	1.2320	0.5521		2.2310	0.0293	

Notes: Overall regression F-stat= 2.219 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was not significant on the F test at p=0.1415. The r-squared figure is 0.0351.

Table 16: Regression results for improvement in overall scores

The non-statistically significant result is probably because – as we discovered from the Principal Components analysis (PCA) – Listening, Reading and Writing do not load on the same factor as Speaking. To put it another way, the individuals with high improvement scores in the first three skill areas are *not necessarily* the same individuals with high improvement scores in the Speaking area. This also implies that a certain proportion of those students with low initial scores in Listening, Reading and Writing (and who may be showing great improvement in these areas) are also those with high initial scores in Speaking (with consequent lower improvement scores in Speaking).

When we average the improvement in Listening, Reading and Writing (those which loaded on the same factor in the PCA), we get the result in the final regression output in Table 17. As should be expected, the average of the *initial* scores predicts the amount of *improvement* in the average of Listening, Reading and Writing in Test 2. Again, the regression coefficient is negative (and statistically significant), with an r-squared value of 0.968 indicating that the initial scores account for just under 10% of the explanation in variance of the improvement scores.

Dependent Variable: Improvement in Listening, Reading and Writing scale						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Initial Listening, Reading, Writing Score	-0.2563	0.1002	-0.3111	-2.5560	0.0131	**
(Constant)	2.1571	0.6853		3.1480	0.0025	

Notes: Overall regression F-stat=6.535 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0131. The r-squared figure is 0.9680.

Table 17: Regression results for average improvement in Listening, Reading and Writing scores

When this is plotted (see Figure 2) with initial scores on the *horizontal* axis and improvement scores on the *vertical*, we obtain a negative regression line confirming that students with higher initial test results in Listening, Reading and Writing improve much *less* than those with lower initial test scores. Since some data points may be directly on top of one another, a small random variable has been added to show the scatter. An OLS regression line is also shown – the slope (negative) is statistically significant (T-stat = 2.5560; significance=0.0131).

These cross-tabulations show that many of the student participants exceeded the minimum entry scores for both undergraduate and postgraduate study in the Faculty of Economics and Commerce at The University of Melbourne in Test 1. Recall that these levels were overall 6.5 with Writing no less than 6.0 for undergraduate study and an overall score of 6.5 with no band less than 6.0 for postgraduate study (excluding PhD).

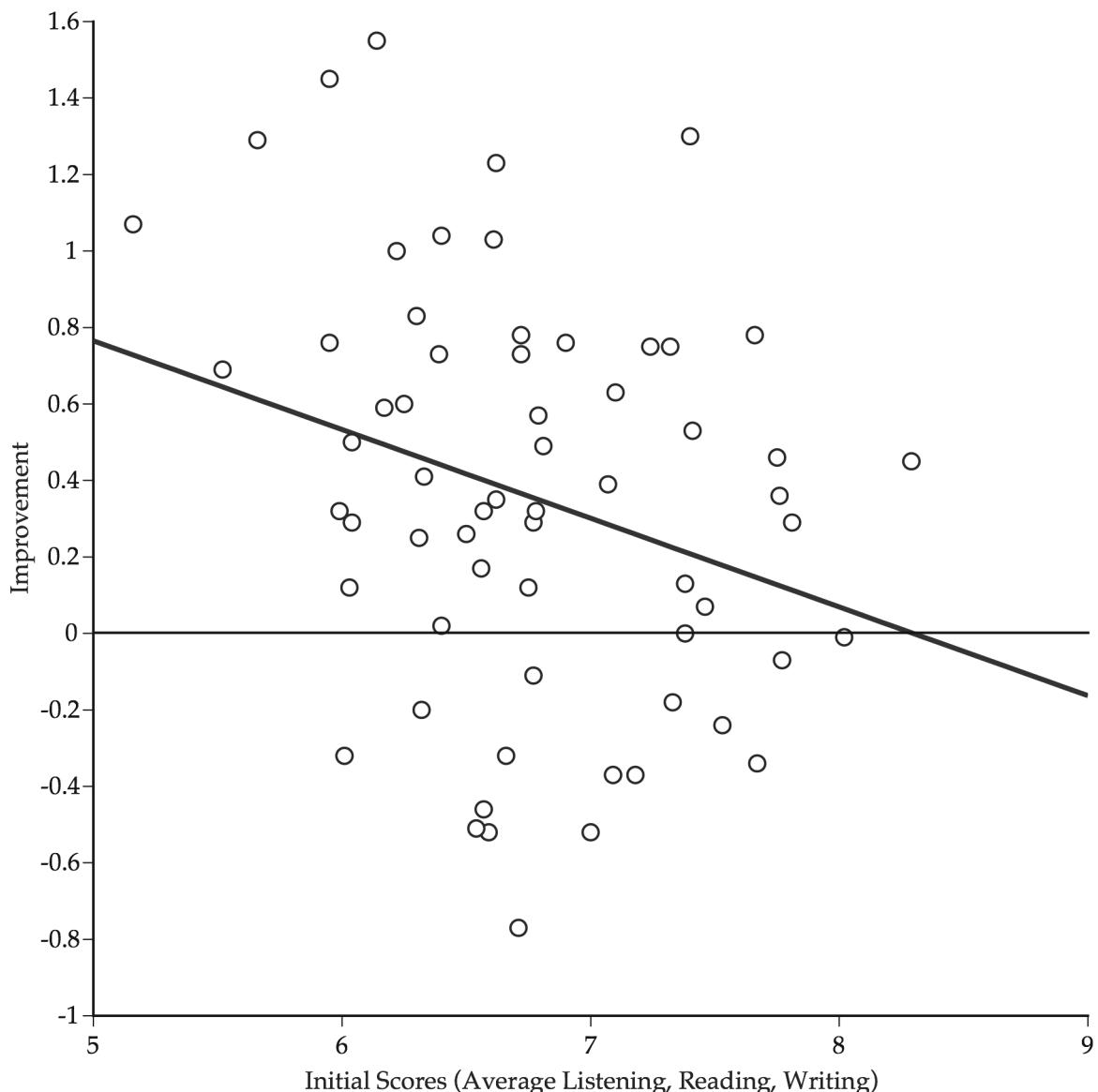


Figure 2: Average improvement in Listening, Reading and Writing from Test 1 to Test 2 with regression line

6.2 What educational, personal and social factors influenced students' improvement from Test 1 to Test 2?

Research Question 2 was examined by looking firstly at the student questionnaire responses, secondly, at individual case studies incorporating test profiles and data from the student questionnaires and interviews, and thirdly, at the staff interviews.

6.2.1 Student questionnaire responses

The first stage in addressing this research question was to examine student questionnaire responses and their average improvement in Listening, Reading and Writing only (since the pattern of test score improvement for Speaking was different). Again, a series of OLS regressions was employed to examine the relationship between student responses to the questionnaire and average score improvement in Listening, Reading and Writing from Test 1 to Test 2.

The questionnaire responses analysed were:

- age
- country of birth
- gender
- level of study (undergraduate/postgraduate)
- years since IELTS Test 1
- years of studying English in school
- years studying English at university
- years studying English at a private language school
- years of being taught English by a private tutor
- length of time in Australia
- type of accommodation in Australia
- whether they had previously lived in an English-speaking country (other than Australia)
- length of time in an English-speaking country (other than Australia)
- belief about adequacy of English at the start of their university course
- belief about whether their English had improved while completing their course
- whether the university has required them to complete additional English studies
- whether they felt the need for English support to cope with their course
- whether they had been given additional English support during their course.

The only statistically significant results in these analyses were for four variables as outlined below.

1. *Level of study*

The results in Table 18 below show that undergraduate students improved much more than postgraduate students. This was not surprising given that the minimum English entry requirements for admission to undergraduate courses were not as rigorous as for postgraduates and also, because undergraduate students had studied for longer than the postgraduate students in this study (2.5 years versus 0.5–1.5 years respectively).

Dependent Variable: Relationship between level of study and test improvement						
Variable	B	SE B	Beta	T	Sig T	Sig
Study level	-0.2833	0.1279	-0.2729	-2.2160	0.0305	*
(Constant)	0.5611	0.0926		6.0630	0.0000	

Notes: Overall regression F-stat=4.9092 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0305. The r-squared figure is 0.0745.

Table 18: Regression results for relationship between level of study and Test improvement

2. *Years since last IELTS Test (Test 1)*

The results in Table 19 indicate that the longer the time period since students took Test 1, the more likely they were to improve on Test 2.

Dependent Variable: Relationship between years since Test 1 and test improvement						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Years since Test 1	0.1556	0.0627	0.3049	2.4800	0.0160	*
(Constant)	0.0597	0.1566		0.3810	0.7043	

Notes: Overall regression F-stat=6.1502 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0160. The r-squared figure is 0.0930.

Table 19: Regression results for relationship between years since Test 1 and Test improvement

These findings reinforce those based on the previous variable – level of study. As IELTS Test results are considered valid for up to two years before they are used for an entry application, undergraduate students may have sat Test 1 up to four and a half years before Test 2, whereas the maximum time lapse for postgraduate students would have been three years. A limitation of this study was its exclusive focus on the period when students were undertaking their degrees. In retrospect, it would have been strengthened by also examining what students may have done to improve their English between taking Test 1 and commencing their university studies.

3. Years studying English at university

The results in Table 20 below show that the longer students had previously spent studying English at university, the lower their improvement was from Test 1 to Test 2. The probable reason for this is that the students who had spent a longer time studying English at university were more likely to be postgraduates, who, as shown in Table 18 above, were less likely to improve their proficiency than undergraduates. However, it is not clear whether the years spent studying English at university were prior to Test 1, between Test 1 and Test 2 or during both periods of time.

Dependent Variable: Relationship between previous English study at university and Test improvement						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
English at university (yrs)	-0.0930	0.0406	-0.2978	-2.2920	0.0258	*
(Constant)	0.6090	0.1133		5.3730	0.0000	

Notes: Overall regression F-stat= 5.2531 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at p=0.0258. The r-squared figure is 0.0887.

Table 20: Regression results for relationship between English study at university and Test improvement

4. Whether they have previously lived in an English-speaking country

The results in Table 21 suggested that students were more likely to improve on Test 2 if they had previously lived in an English-speaking country. Again, this finding is difficult to interpret meaningfully without knowing if the students had lived in an English-speaking country before Test 1, between Test 1 and Test 2 or during both periods of time.

Dependent Variable: Relationship between previous stay in an English-speaking country and Test improvement						
<i>Variable</i>	<i>B</i>	<i>SE B</i>	<i>Beta</i>	<i>T</i>	<i>Sig T</i>	<i>Sig</i>
Previous stay in an English country (Yes/No)	0.3811	0.1750	0.2686	2.1780	0.0333	*
(Constant)	0.3522	0.0697		5.0520	0.0000	

Notes: Overall regression F-stat= 4.7437 with 1 degree of freedom (regression) and 61 degrees of freedom (residual) was significant on the F test at $p=0.0333$. The r-squared figure is 0.0722.

Table 21: Regression results for relationship between previous stay in an English-speaking country and test improvement

The questionnaire data was useful for beginning to examine the educational, personal and social factors influencing score improvement in this study. However, these results suggest that it was of limited use in exploring the complex relationship between test improvement and these factors. In order to do this, we undertook a series of individual case studies which provided much more illuminating data about the reasons for student improvement or the lack of it from Test 1 to Test 2. These are presented in the next sub-section of the report.

6.2.2 Student case studies

The six case studies below were selected as representative of the following categories of students:

1. Undergraduate student with large overall score gain
2. Postgraduate student with large overall score gain
3. Undergraduate student with no overall score gain
4. Postgraduate student with no overall score gain
5. Student with greater improvement in Speaking than in Listening, Reading and Writing
6. Student with lower improvement in Speaking than in Listening, Reading and Writing

6.2.2a Case study 1 – Charmaine

Undergraduate student with large score gain

Charmaine was a 20-year-old undergraduate student from Hong Kong. She had been in Australia for three years and one month, and was in the final semester of her Bachelor of Commerce degree.

Charmaine's Test 2 results in Table 22 below show that she improved by 1.5 bands in her overall IELTS score, with improvements in all the skill areas. Her scores increased most noticeably in Speaking and Writing. The duration between Test 1 and Test 2 was two years and eight months.

	Listening	Reading	Writing	Speaking	Overall
Test 1	6.5	6.5	5.0	6.0	6.0
Test 2	8.0	7.5	7.0	8.0	7.5

Table 22: Test 1 and Test 2 scores for Charmaine

Although Charmaine had studied English for five years at secondary school in Hong Kong and had a private tutor for two years, she indicated in her interview that she experienced difficulties in communicating when she first arrived in Australia. She attributed her improvement to the fact that she had lived with an Australian host family for the three years that she had been studying for her degree.

Charmaine not only improved in her Speaking skills, but also developed a distinct Australian accent. She was amazed by her progress: “Guess it’s amazing what an Australian family can do for you” (Student Interview 4, 2:40). According to Charmaine, her host family was one of the main factors in developing her Speaking and Listening skills.

Charmaine said that other factors also contributed to her English language development. As a student in Hong Kong, Charmaine’s experience of classes taught solely in English increased her confidence in her ability to cope with the English teaching environment. She was generally confident about her proficiency in terms of her academic studies. In addition, she studied an elective in communication skills, which was designed for ESL learners and aimed at developing academic English language skills. According to Charmaine, this subject helped her with her commerce studies. Another contributing factor was the decision by Charmaine to always speak in English:

If they [students from Hong Kong] live with Hong Kong people, generally their English does not improve a whole lot. That’s my main observation...My friends and I speak English even if Australian friends are hard to find. (Student Interview 4, 23:00)

For Charmaine, it was important to find opportunities to speak English. For example, she and her group of friends would communicate in English, even though they shared common languages of Cantonese and Mandarin.

Charmaine indicated that there were limited opportunities to develop her spoken language skills at university. Her commerce course was mainly assessed through writing: “there is no subject that I have done, apart from my communication skills subject, where I had to do an oral presentation” (Student Interview 4, 32:00). Charmaine knew a few international students who had limited prospects for developing their speaking skills while studying in Australia. She offered the following example:

He [Charmaine’s friend] lives with five other Hong Kong people. He travels to university by driving. No communication. He lives in Box Hill, a very Chinese community. Over four years he got around not using much English. He did well at uni because his course is maths based. In commerce and accounting you have to read and write a bit but there’s maths involved with every subject. (Student Interview 4, 29:33)

According to Charmaine, international students may successfully complete their studies without having to engage with the English-speaking community either inside or outside the university.

Course choice may be a factor hindering students’ English language development. In recounting her experience, Charmaine said there were limited opportunities within her course to develop her written English skills:

[Now] I’m stronger in non-academic English development. I think I’ve written less than five essays with commerce/economics...so I would have written around 10,000 words and dot points are allowed...When I first arrived my academic skills were stronger than social skills. Now definitely the other way around. The academic bit has improved but not as much as the social. (Student Interview 4: 35:00 and 36:20)

Her reversal of strengths in English language skills at the completion of her course is attributed in part to the homestay environment. Charmaine was also active in seeking opportunities to develop her English skills. Her actions and her homestay environment created situations that supported her development of oral English. She was less concerned with her writing and reading as her entry scores were strong for an undergraduate course and she was not required to complete extended written assignments for her course. Her advice for future international students neatly summarises her viewpoint:

Get out of your comfort zone and don’t stay with someone from your area.
(Student Interview 4, 38:40)

6.2.2b Case study 2 – Carlos

Postgraduate student with large score gain

Carlos was a 28-year-old postgraduate student from Peru. He had been in Australia for one year and five months. For most of that time he had been studying for his Master of Applied Commerce. His test results in Table 23 show that he had made an overall improvement of one score band, with improvements in all the skill areas apart from Reading, which remained the same.

	Listening	Reading	Writing	Speaking	Overall
Test 1	5.5	7.5	7.0	7.0	7.0
Test 2	8.0	7.5	8.0	8.0	8.0

Table 23: Test 1 and Test 2 scores for Carlos

The duration between the two tests was two years and one month.

Carlos had studied English for five years in secondary school. He also studied English at a private language school in Peru for 18 months after completing secondary school. Carlos indicated that he wanted to learn English because he planned to study abroad and believed that it was important for his future employment. He had completed an English preparatory course for university study before commencing his Masters course, as he was concerned about starting the course without a “high level of English” (Student Interview 2, 8:00).

In Australia, Carlos lived with his wife, who was also from Peru. When he began his studies he felt that:

*It was going to take me a long time to adapt to the new learning environment.
The Australian accent was a key constraint.* (Questionnaire – q.18)

For Carlos, one of the main factors in choosing to study at the university was to improve his language skills (Interview 2, 23:30). He found that working at a hotel helped develop his speaking skills:

I applied for a casual job and my university English language adviser told me that it wasn't a good strategy as it might obstruct my studies. But I wanted to be able to speak all the time...you practically don't speak at all at university.
(Student Interview 2, 12.30 and 16.00)

Carlos also credited activities such as listening to the radio and watching television as reasons for his improvement:

You have to make an effort to listen and understand Australian English. You don't have subtitles to help you. (Questionnaire – q.23)

He placed himself in situations that he believed would help further develop his English skills. He believed that there were very few opportunities to develop spoken English within the university.

While his listening and speaking skills appeared to improve through actively seeking situations where he could be exposed to Australian English, Carlos also sought the services available within the university to develop his academic writing skills.

I have used services to help me improve some of my assignments, as I have grammar problems. Lecturers are hard on grammar so I don't want to lose points.
(Student Interview 2, 19:15)

Carlos sought opportunities both inside and outside the university to develop his English language skills. He believed that his actions had contributed to his significant English language improvement over 17 months. He suggested that his speaking and listening skills had developed through his life outside the university while his reading and writing skills had improved through his study at the university.

6.2.2c Case study 3 – Daisy

Undergraduate student with no overall score gain

Daisy was a 22-year-old undergraduate student from China. She had been in Australia for two years and eight months, and was in the final semester of her Bachelor of Commerce degree.

Daisy's Test 2 results in Table 24 show that there was no overall score gain between Test 1 and Test 2. Nevertheless, she had improved by half a band in Listening and Reading. However, she remained the same in Speaking and decreased by one band in Writing. The duration between the two tests was three years and three months.

	Listening	Reading	Writing	Speaking	Overall
Test 1	6.5	6.5	6.0	6.0	6.5
Test 2	7.0	7.0	5.0	6.0	6.5

Table 24: Test 1 and Test 2 scores for Daisy

Daisy had studied English in China, including eight years of learning English at secondary school and two years at university level. She felt that English was important for studying and travelling abroad, as well as future employment. Daisy had decided to find employment in Australia and apply for permanent residency (Student Interview 8, 33:20).

When she began her course, Daisy did not think that her English skills were adequate to cope with her studies. Daisy indicated that spoken English was important for her academic work and engagement with other students in her class:

Sometimes we have to do group assignments and know different people...so it is important to develop the social English for that. (Student Interview 8, 33:20)

Daisy emphasised the importance of developing her spoken English skills in the interview. She believed that her English skills had improved by her general exposure to English through attending lectures and tutorials, making friends who spoke English and watching television. She indicated that she spoke English with other international students and this assisted her spoken English development. However, her opportunities were limited. One of the main obstacles for Daisy was finding people with whom she could speak English:

I actually got some problems. My friends always speak Chinese and I don't have the real environment to practice English. I can only read the newspaper and watch TV and I work in a hotel, but I'm doing accounting assistance, and working there helps. (Student Interview 8, 12:50)

Her limited opportunities for developing her speaking skills were further constrained by Daisy living with Chinese students and spending most of her time socialising with them, and speaking Mandarin. Yet she was aware that there were different strategies that Chinese students use to develop their spoken English skills.

Actually the majority of Chinese students have speaking problems, but different students have different ways. Some live in homestay, if they have good financial support, or join society to make more local friends. (Student Interview 8, 22:00)

This emphasis on spoken language development is further reflected in her advice for international students studying in the faculty:

I think the most important thing is to build up confidence. If they speak in front of Asians, they feel more confident but in front of local students they don't want to speak to them. So speak to other international students from different background. You cannot put this person in a local environment directly. It will destroy their confidence, so they have to improve step by step. Watch more TV and read newspapers so you know what happens in Australia. So when other people talk about it, you know what they are talking about.

(Student Interview 8, 44:30)

Daisy's strategy of slow immersion into the English environment was different from Carlos' and Charmaine's approach where they elected to place themselves in situations where they were forced to communicate in English, ie they were more willing than Daisy to take risks with their English language communication.

Daisy's Writing score decreased by one band and the reasons can in part be attributed to the nature of her accounting degree, where there is little emphasis on writing large amounts of text. Her only comment concerning the development of her writing skills took the form of a complaint – as she completed her assignments on the day they were due she was not able to access the services of the faculty English language support unit as tutors needed to have the assignment in advance to provide individual feedback on written assignments (Student Interview 8, 19:35). Developing her writing skills may not have been important for Daisy to successfully complete her course. However, her lack of progress was reflected in her Test 2 Writing result.

6.2.2d Case Study 4 –Truc

Postgraduate student with no overall score gain

Truc was a 27-year-old postgraduate student from Vietnam. She had been in Australia for nine months, and was completing a Master of Applied Commerce.

Her Test 2 results in Table 25 show that while there was no overall score gain, she had improved by one band in Listening. However, her scores had decreased by two bands for Writing, and had remained the same in Speaking and Reading. The duration between the two tests was one year and four months.

	Listening	Reading	Writing	Speaking	Overall
Test 1	6.5	7.0	7.0	6.0	6.5
Test 2	7.5	7.0	5.0	6.0	6.5

Table 25: Test 1 and Test 2 scores for Truc

English study was compulsory at both secondary school and university, which she studied for seven years and four years respectively. She also studied at a private English language school in Vietnam for three months before undertaking Test 1. She indicated that English was important for her to study abroad and for employment purposes.

When Truc began her course, she was confident that her English language skills were adequate because her friends had told her that reading and writing were important for study. Her Test 1

results indicated that these were her stronger skill areas. While she was studying, opportunities to talk with other international students in English and living in an English-speaking country further improved her listening and speaking skills.

Truc was happy with her result, even though her Writing score was lower in the exit test. When questioned about why she received a lower Writing score, she said that while she had many ideas to write down, she felt that the word limit constrained her, and that she was unable to decide on what to write and ran out of time. She also felt that she was stronger in Reading than her Test 2 score indicated because she had developed the skills of skimming and scanning.

Truc lived with other Vietnamese students. When she first arrived, she made many international friends and socialised with them in an attempt to develop her spoken English skills. She looked for opportunities to engage with the university community:

I apply for several different voluntary jobs and I meet new friends...I mentor in the International Centre and my faculty. I communicate with staff and new students. Good university activity for me to improve my English. (Student Interview 4, 20:30)

She indicated that it was important to speak English with other international students as a way of developing her spoken English. However, as she progressed with her studies, she spent more time at home with her Vietnamese flatmates:

Last few months I always stay at home and speak with my Vietnamese friends, so my English is very poor. (Student Interview 4, 23:55)

Opportunities for Truc to speak English were limited both within and outside the university. One of her biggest challenges was that the Vietnamese language is spoken so widely within the community: "There are so many Vietnamese in Melbourne. It is used in all places, the market, university and at home" (Questionnaire: q 19). A further obstacle was that there were few opportunities to use English in tutorials.

Even some subjects require presentation but worth 10–12% of overall mark assessment so doesn't really make much difference if you say anything or not. (Student Interview 8, 31:00)

Truc observed that international students were able to be successful in their studies without needing to engage with the English-speaking community (Student Interview 4, 25:00 and 27:50). She had attempted, through her volunteer work and friendships with international students, to develop her communication skills, which she believed assisted her academic work (Student Interview 4, 38:18). However, her attempts to develop her language skills, with the exception of listening, were not reflected in her Test 2 results.

6.2.2e Case Study 5 – Dian

Student with greater improvement in Speaking than in Listening, Reading and Writing

Dian was a 25-year-old postgraduate student from Indonesia. He had been in Australia for one year and four months, and was enrolled in a Master of Commerce.

As shown in Table 26, Dian's IELTS exit test results had improved by half a band overall. He had improved more in Speaking than in the other three skill areas. His result remained the same for Listening and Writing but improved by half a band in Reading and one band for Speaking. The duration between the tests was two years and five months.

	Listening	Reading	Writing	Speaking	Overall
Test 1	8.0	6.0	6.0	6.0	6.5
Test 2	8.0	6.5	6.0	7.0	7.0

Table 26: Test 1 and Test 2 scores for Dian

Dian had studied English for six years in secondary school, six months at university and three years at a private language school. Even though English was not compulsory, he chose to study it for the purposes of travelling and studying abroad, as well as for employment. He planned to return to Indonesia when he completed his studies. Dian lived on his own.

When he began his course, he stated that he was confident that his English language skills were adequate for university study. Dian took opportunities to talk with native speakers at university and worked in an English-speaking restaurant. This allowed him to: “communicate and listen to the way Australian talk to each other” (Questionnaire – q 23). He took these opportunities because he knew that it would be difficult to “mingle with the natives” (Student Interview 1, 11:00). Dian also watched the Australian Government-funded television station (ABC 1) as he found it easier to understand than the other stations, which he felt tended to speak too fast.

Dian had found it difficult to develop his writing skills during his period of study. This seemed in part because he did not understand how the academic staff wanted the questions answered.

Writing is difficult. If I read something I can understand, and when they make the question, I think the answer is just this and they [academic staff] expect you to explore it more. I can't. For me that question does not convey more if what I've already said.
(Interview 1, 32:20)

In addition, he encountered problems using and citing academic articles in his writing.

Very hard paraphrasing something etc. Very difficult...that kind of English is very hard for me; also articles and using them. (Student Interview 1, 28:00)

He felt that he had little support within the university to develop these skills (Interview 4, 36:00). He was disappointed with the support he received at the Teaching and Learning Unit.

[They] don't help you relate to your main focus in the study. Tend to tell you how to learn – more general. (Student Interview 1, 15:00)

He indicated that there was even less support from departmental academic staff.

From department, I don't think they are very helpful. Tend to avoid students unless you chase them up after the lecture. (Student Interview 1, 15:00)

Dian may not be aware of how the academic and language staff can support him but his views indicate that he did not consider them useful to him in developing his writing skills. He was able to take opportunities to develop his spoken English through his work and interaction with fellow students, but he was less able to develop his writing skills without support from academic staff, and perhaps this hindered his development in Writing.

6.2.2f Case Study Six – Ollie

Student with lower improvement in Speaking than in Listening, Reading and Writing

Ollie was a 30-year-old postgraduate student from Indonesia. He had been in Australia for one year and four months, and was enrolled in a Master of Applied Commerce.

His test results in Table 27 show an overall score gain of one band. His results indicate that he improved in Listening by one and half bands, and in Reading and Writing by one band. His Test 1 and Test 2 results for Speaking were the same. While Ollie's Speaking skills were strong, he was selected as a case study because his improvement in the other three skill areas was greater than his Speaking improvement, especially when compared to Carlos, who improved greatly in all the four skill areas over a similar time period. The time difference between Ollie's Test 1 and Test 2 was 16 months.

	Listening	Reading	Writing	Speaking	Overall
Test 1	6.5	6.5	6.0	7.0	6.5
Test 2	9.0	7.5	7.0	7.0	7.5

Table 27: Test 1 and Test 2 scores for Ollie

Ollie had studied English for three years at secondary school and one year at university. In both of these contexts, English was compulsory. In addition, Ollie had completed an English preparatory course before undertaking university study. He believed that English was important for studying abroad and for employment.

Ollie indicated that he knew it was important to develop his academic English skills while at university. In the English preparatory course, his teachers had identified academic writing as the one area that he needed to improve if he were to succeed at university (Student Interview 8, 25: 30). He took any opportunities available within the university to do this. For example, he actively sought assistance from the Teaching and Learning Unit within the faculty:

I have used mostly the faculty learning unit. Basically for my assignments and whether they understand what I write. I got helpful feedback mainly in writing skills. Sometimes I ask them about vocabulary. (Student Interview 8, 18:00)

The unit helped him structure his academic writing and his use of appropriate vocabulary within an academic context. Ollie's course required extended pieces of writing for assessment.

I found that for writing and reading, my uni works help a lot because I do a lot of reading and writing for commerce assignment. I've been writing so many assignments I believe it really has helped my skills. (Student Interview 8, 15:55)

Ollie was satisfied with his Test 2 results for Reading and Writing, which he believed reflected the opportunities afforded to him within the university to develop these skills. He also believed that his Listening skills had improved because of attending lectures, listening to group discussions and watching television (Student Interview 8, 15:65).

Ollie commented on the importance of developing his Speaking skills but his Test 2 results showed that he had not improved in this area. He stated in the interview that there were few opportunities to develop these skills within the academic program.

With speaking, only a little bit with university. We have discussions in seminar and tutorials, but I only talk a few times in classes. (Student Interview 8, 15:68)

Unlike many of the other students in the study, Ollie had not worked while he studied. He sought opportunities to improve his English skills outside the university by talking to his Australian flatmate and speaking English at church. He thought that it was important to develop his speaking skills for employment purposes. Ollie stated in the interview that speaking skills were more important in the workplace than academic skills such as reading and writing (Student Interview 8, 35:20). However, he spent most of his time speaking in his mother tongue with his friends.

Ollie believed that his Test 2 results did not represent the improvement he felt that he had made during his studies, although he indicated in the questionnaire that his reading and writing skills were stronger than his speaking skills. He certainly placed more emphasis on improving his reading and writing skills during his study. His advice to future international students placed greater emphasis on actively seeking opportunities to develop English language proficiency.

I guess for those who are having difficulties, consult TLU [the Teacher and Learning Unit] as much as possible, and also spend more time with tutors and lectures, and try to mingle with locals as much as possible.

(Student Interview 8, 22:50)

6.2.3 Academic staff interviews

This section reports on the main themes that emerged from the staff interviews regarding educational, personal and social factors influencing international students' English language improvement. The following analysis categorises the main factors that seemed to influence students' English language improvement. It is important to stress at this point that these factors seemed to interrelate and merge. This is especially true in discussing the social and personal factors. In the discussion below:

- **DP** refers to disciplinary academic participants, who are responsible for teaching subjects within the courses available in the faculty
- **TLUP** refers to the Teaching and Learning Unit participants, who offer English language support within the faculty.

6.2.3a Educational factors

All of the six staff participants interviewed agreed that international students' English language skills were important for their future employment. Comments ranged from "Language is important for students to find a job" (Staff Interview 1, DP1) to the following comment by TLUP 1:

There was a survey recently with Graduate Careers Australia and they surveyed all the employers of a large sample. They asked 'what do you value most in a graduate?' and top of the list, oral, written communication and English, and way down was work experience and academic excellence.

(Staff Interview 1, 23:07)

He considered the issue very important for international student graduates, offering the following comment:

I've heard anecdotally that some accounting firms prefer to hire non-accountants who are native speakers and train them in accounting than to hire accountants. This is a pretty serious problem.

(Staff Interview 1, 24:05)

One participant, DP 2, agreed that employer needs are important and that poor English skills reflect negatively on the university:

If I were an employer and I had a student with really good marks sitting in front of me and they had trouble stringing a sentence together or their resume was full of grammar holes...it would reflect badly on the institution. (Staff Interview 2, 26:50)

The staff participants agreed generally about the importance of international students developing their English language skills during the course. There was less agreement about the type of English language skills students needed to develop. These were defined in broad terms and ranged from communication skills required for employment (TLUP 1, 2 and 3, DP 2) English academic writing skills required for assessment (TLUP 1 and 2, DP 1) or social skills required for group work (TLUP 1, 2 and 3, DP 2 and 3).

For DP1, international students should arrive at university with basic communication skills which they should then develop alongside their local Australian counterparts:

We admit international students who sort of have a baseline level of communication skills which we think of as appropriate for studying at a high level tertiary institution, and then hopefully I thought we should be developing the communication skills of everyone.

(Staff Interview 1, 13:34)

However, TLUP 1 felt that it was not a simple matter for international students to develop their language skills in class, especially when they were in classes with students from the same language backgrounds.

Some classes are composed of 100% students from China. How can we expect them to improve when [their] colleagues are compatriots? (Staff Interview 1, 14:25)

The large numbers of international students, often from similar first language backgrounds, appeared to hinder the opportunities for language development within classroom teaching.

One view from TLUP 1 was that some international students did not improve because their English language reached a plateau (Staff Interview 1, 8:23). He also indicated that the lack of writing in assessment tasks within the faculty could hinder students' writing development.

Students don't do a lot of writing, in our faculty they do a lot of group work so their writing skills are masked by other people in the group that might be better. I had a student in the other day that had been in here for two years and he told me this is his first individual assignment in his postgraduate degree. So that would have an impact, not getting the individual writing skills early. (Staff Interview 1, 10:32)

DP 1 agreed with the above comments (Staff Interview 1, 10.42), highlighting the lack of writing within the accountancy course, which had large numbers of international students.

For DP3, English language grammar was a factor in assessment:

When I first started I used to mark for English, and then after I marked about 10 crappy (sic) English essays they started making the same mistakes. So I gave it away. In general the student who gets a high result has written a good essay. A student who has most of the facts and just poorly presented will be given a lower mark. (Staff Interview 2, 15:04)

TLUP 3 commented that students would be more motivated to develop their English language skills if it was assessed by academic staff:

The students are motivated by the assessment. I don't want to generalise but if it's included, often they come in to see me and if they bring in a marking criteria sheet which includes 'creative expression, fluency' those types of things as criteria, then they do take it very seriously. They will say to me, "Is my English okay? What can I do?" If it's not there, you can't blame them. (Staff Interview 3, 26:40)

The nature of writing tasks and the assessment of English language skills seemed to be an important factor in influencing international students' language development.

There appeared to be differing views from the participants about where the responsibility lay for English language development of international students. DP1 stated that it was not the faculty's responsibility, "we certainly shouldn't be thinking of ourselves as an English improvement service for international students" (Staff interview 1, 13:34).

Some considered it to be the student's responsibility. DP3 suggested that language development would occur almost by osmosis, as students developed their confidence and were exposed more to the English language environment.

I have taught 2nd year Environmental Economics and 3rd year Environmental Economics. You give essays to the 2nd year students and they lack confidence, they're in there, how do I write the essay, what's required etc. But when they get to 3rd year, they've got a lot more confidence and get up and go and do it. So somehow they are maturing. (Staff Interview 2, 8:16)

Others stated that international students did not take the opportunities available to improve their language skills. For example, DP2 argued that the students were given the opportunity to develop their oral communication skills by presenting in class, but that the students did not want to participate:

I teach a masters group that are meant to be the top of the crop. I was gobsmacked at the start of the semester. There was a group presentation and it's made as non-threatening as possible but it's part of the assessment. I had three groups of students come up to me saying, "Oh I don't want to do this because we are non-English speakers", like they were three years old or something. First time I struck that and have taken the course for several years.

(Staff interview 2, 33:10)

The TLU participants proposed that international students required a more targeted approach, with support from the disciplinary staff in the faculty. TLUP 2 stated there was little support from disciplinary staff in emphasising the importance of language development to the students:

So if it's strongly encouraged by the head of department, I think there would be a bigger take-up of the undergraduate program than there currently is. It's really left up to the students to find out on their own, no-one strongly encourages them from people who they see as being the leaders in the disciplinary teaching. (Staff Interview 3, 25:40)

Her colleague, TLUP 3, voiced similar views:

It is important that language is valued and there is opportunity for students to learn. That it is included in the educational program. (Staff Interview 3, 25:10)

As in most Australian universities, English language communication skills are classified as a generic skill at The University of Melbourne. TLUP 2, representing the views expressed by TLUP 1 and 3, argued that generic skills should be taught within the disciplinary content:

One of the [graduate] attributes is communication skills and faculties have to take that seriously and integrate that into the curriculum, not just for ESL students but all students. There should be some improvement in their literacy or communication skills. More so for the ESL students and I think it's a responsibility to put in some kind of writing program or language development program that's embedded within the curriculum so that from 1st year all the way up they are improving both, so they can go out and function in the workplace. They might have a degree but if they can't function in a workplace what use is that degree?

(Staff Interview 3, 20:50)

Offering a different view about the relationship between language development and disciplinary teaching, DP 3 argued that generic skills were employer focused, while the disciplinary teaching was academic focused:

Well that's basically what the generic objectives in degrees and subjects are all about. Verbal and written presentation, working in groups...being able to be critical. I read most of those objectives as being pitched towards what employers want rather than what I'd call our academic objectives.

(Staff Interview 2, 25:44)

TLUP 3 suggested that students should be better informed about the need to improve their English language skills. Discussing undergraduate students, she argued:

A lot of students have said to me “but why are we worrying about language, we are doing a commerce degree, why does anybody care about what our language is like?”

(Staff Interview 3, 21:58)

Her colleague, TLUP 2, offered a different perspective:

But I've had the opposite, particularly postgraduate students. They just look for programs and so their attendance – they are optional programs – and their attendance is so high. They just love any opportunity to develop their language skills and communication skills, maybe they are maturer so they can see the value in that, a lot of them comment they are not here just to do a degree; one of their objectives is to improve English. So they appreciate the opportunities – very small I must say in our faculty – opportunities to improve.

(Staff Interview 3, 22:20)

TLUP 3 observed that postgraduate students valued the importance of English language skills more than undergraduate students because they had experience of the workplace:

I think the postgraduates have been out in the workforce, they're aware of the power of English in their own countries, and the employment potential. I think for undergraduates it's get the piece of paper, do the degree and that's it.

(Staff Interview 3, 23:07)

The above responses illustrate the different perspectives of where English language skills should be taught within the faculty. There appeared to be some tension between the disciplinary and TLU participants about where and how international students could develop their English language. They also indicated that students needed to take the opportunities offered within the faculty, although it appeared that some international students might not be aware of why they were required to further develop their language skills or how they could do this. What emerged from the staff interviews was an unclear vision of which language skills students needed to develop, where these skills should be developed and who should be responsible for developing them.

6.2.3b Personal factors

The participants interviewed were mainly in agreement about the personal factors that influenced international students' English language improvement. Most stated that motivation was the most important factor for student improvement. Typical responses included, for example, DP 2:

But if you're motivated enough and committed to practicing, I mean you might not make it to the top of the field but you'd probably get better. (Staff Interview 2, 21:30)

His colleague, DP 3, expressed similar views indicating that international students should be motivated enough to place themselves in situations where they have to communicate in English:

If you were a student that came into poor English skills and you started off in an apartment with a whole lot of peers with poor language skills, spoke Mandarin, went over to football and still spoke Mandarin, you're in a lot of trouble. (Staff Interview 2, 22:04)

TLUP 2 also agreed that students could succeed if they were motivated to do so:

I think motivation...the students' individual motivation I think is the key factor to whether they make the extra effort to learn the language. (Staff Interview 3, 28:55)

Most of the comments about motivation concern international students taking advantage of the opportunities available, such as language support from the TLU, developing their language skills through their own study, speaking to students in English, and living and socialising with people where English is the main language for communication.

6.2.3c Social factors

In analysing the data, there appeared to be a close relationship between the personal and social factors influencing language improvement. In general, the participants seemed to express the view that if students were motivated then they would seek social opportunities that would assist in their language development.

According to many of the participants, language development would be hindered if students chose to socialise with others from the same language background outside university. For example TLUP 1 observed:

A lot of students, especially from mainland China, hang around with their own ethnic group and it's not unusual for their English skills to get worse. (Staff Interview 1, 10.30)

However, according to TLUP 3, it could be difficult for students to socialise beyond their first language group because of the large numbers of international students and the students' preference for mixing with others from similar language backgrounds.

A lot of students say that they came here to mix with Australians, but it's easier to be with students from their home country. Some try to find Australian friends but there still is that cultural divide. Australians hang out with Australians, and international students hang out together. The more students there are, the harder it becomes, even with mentoring and social programs. (Staff Interview 3, 27:47)

Many of the participants felt that an important influence on students' English language development was the type of people with whom they socialised. TLU 1 voiced a typical observation made by participants:

Where they live obviously. If they are living with a homestay family obviously their English will improve a lot faster than if they lived with their compatriots. That's very rare. And also if they do volunteer work or paid work in the community that would have an impact. Whether they make an active attempt to meet with native English speakers – they don't have to be

Australians, can be Germans, Russians as long as their English is better than their's it would be helpful. That would involve joining clubs on campus and getting out of their comfort zones, meeting people...actively improving their English literacy. (Staff Interview 1, 15:35)

While most of the socialisation outside the university seemed to be a matter of student choice, the academics interviewed said they tried to provide opportunities for students to socialise within the class. One of the main initiatives of the faculty had been the socialisation tutorial, which DP 1 described:

The faculty has been doing things at undergraduate level to get better integration. A lot of subjects have introduced this socialisation tutorial. We never used to have tutorials in the first week but now we do. They're completely dedicated to people getting to know each other. Hopefully it gets integration going. (Staff Interview 1, 14:49)

However, TLUP 1 felt that international students tended to avoid socialising with local students because they preferred to be surrounded by speakers of their first language:

They come here to improve English. They know how important it is. It's the world language, but when they come here it's a natural tendency to gravitate to one's own and speak one's own language and it takes a lot of effort to break that tendency. But it doesn't help if the whole class composition is made up entirely from your own country. (Staff Interview 1, 21:00)

It appears that while academics can contribute to creating a teaching environment that is inclusive of all, the students also have to take these opportunities, as well as others outside the classroom, both within and outside the university. DP2 shared his experiences:

So personal and social factors do play a part. We've got a lot of opportunities to help them in this respect — you know, in encouraging formulation of groups in class — but we can't totally influence it. Admittedly not all students want to assimilate with students out of their demographic, whether it be age or culture-based demographic. (Staff Interview 2, 23:22)

The implications of the findings from these case studies are examined in the next section.

7. DISCUSSION

7.1 Score gains

The statistical analyses of the Test 1 and Test 2 score data indicated the following.

- The greatest average improvement in Test 2 was in Listening and Reading and the least average improvement was in Writing.
- The average improvement on Listening, Reading and Writing was closely correlated, that is, students tended to improve equally in these three areas.
- The average improvement in Speaking was not significantly correlated with the other three skills, ie students tended to improve more or less well in Speaking than they did in Listening, Reading and Writing.
- Students with a lower average combined result in Listening, Reading and Writing in Test 1 tended to improve significantly more than students with higher results.

The finding that the greatest average improvements in Test 2 were in Listening and Reading, followed by Speaking and then Writing, suggested that it is more difficult to improve in the productive than receptive skills on the IELTS Test.

The fact that the pattern of improvement in Speaking was not consistent with Listening, Reading and Writing was an important finding and one which helped to inform the selection of two of the case studies. As suggested below it then helped to build the model explaining student development in English.

The finding that students with lower initial scores improve more than those with higher scores is also important. Green (2005) suggests that this result generally reflects *both* an effect of regression to the mean attributable to measurement error *and* to more rapid progress at lower levels of language proficiency. Regression to the mean predicts that those scoring above the mean in Test 1 will be more likely to score lower in Test 2 and vice-versa. According to Green (2005, p 58) this occurs:

because the proportion of the score that is attributable to (measurement) error may advantage an individual candidate on one occasion and disadvantage them on another. Candidates scoring above the mean at Time 1 are more likely to have benefited from error and those scoring below to have suffered from it. At Time 2, the unlucky candidates see their scores increase and the initially lucky see them fall.

He provides the example of the Writing test where factors unrelated to Writing ability, such as variations in rater harshness or topic familiarity on the part of candidates, may affect their score.

Note, however, that the figures for the standard error of the mean (Tables 7, 8 and 9) are quite low and therefore the effect attributable to regression to the mean may not be especially large in this study.

In addition, as Green (2005) suggests, progress in language learning tends to be more rapid at lower levels of functional ability and this may be reflected in the more rapid progress through the lower IELTS bands. This finding is consistent with the results of a previous study into improvement over the course of 10–12 weeks' intensive English language instruction before university entry (Elder and O'Loughlin 2003).

It should be remembered that there were two sources of uncontrolled variability in the test score data: a) the amount of time between when students sat for Test 1 and commenced their course of study and b) the amount of time students had been studying their higher education course when they sat for Test 2 according to whether they were undergraduate or postgraduate students (between six months and two and a half years). Obviously these sources of variability reduce the accuracy of the findings in relation to score gains. Given these two different sources of variability and the relatively small sample size (N=63), the statistical findings should be viewed cautiously. They should be read as suggestive of trends rather than as authoritative results.

7.2 Factors influencing score gains

7.2.1 Statistical analyses of the test score data and student questionnaire responses

Of the various factors possibly influencing score gain, only four were found to be statistically significant in the analyses.

- Undergraduate students improved more than postgraduate students.
- The longer the time period since students took Test 1, the more likely they were to improve in Test 2.
- The longer students had spent studying English previously at university, the less likely they were to improve in Test 2.
- Students who had stayed in an English-speaking country at some point in the past were more likely to improve in Test 2.

As suggested above, a limitation of the statistical analyses of score gain in this study was the uncontrolled variability related to when Test 1 was undertaken by the students (any time in the two years before they began their current course) and the length of time between Test 1 and Test 2 (between six months and two and a half years depending on their level of study). The significant results relating to level of study and years since IELTS Test 1 confirm that both factors were indeed important sources of variability. The results for the other two factors – previous English study at university and previous stay in an English-speaking country – which yielded statistically significant results, were difficult to interpret at face value without additional information.

While the quantitative findings from the student questionnaire hinted at important correlations in the development of language skills, they could not tell us what outside factors influenced score gains. To understand these factors, we must turn to the qualitative findings from the questionnaire as well as the interview data.

7.2.2 The case studies and staff interviews

Analysis of the case studies and staff interviews indicated the following.

- International student agency (ie their ability to make choices concerning English language development) is an important factor in influencing English language improvement.
- The degree of English language support sought within the university and the degree of contact with English outside the university appear to strongly influence students' English language improvement.
- The institutional practices within the Faculty of Economics and Commerce afforded few opportunities for international students to develop their language within the disciplinary teaching and learning context.
- Academic staff lacked the ability to change the institutional practices within the faculty.

What emerges from the analysis of the case studies is that student agency is most important in terms of English contact outside of university and seeking English language support within university, which appears to influence students' English language improvement. For example, Charmaine and Carlos exercised their agency by actively seeking opportunities to speak English and develop their social English skills, as well as seeking support from the TLU or other English language development programs. These actions seem to have resulted in improvement in their language development. Other students, such as Truc and Daisy, who had few opportunities to develop their social language skills and were not required to write extensively in their course, experienced limited development in their English language during their studies. Dian sought experiences to communicate in English outside the university, while he struggled to understand the writing conventions of his discipline and did not seek support from the TLU or academic staff. As a result, his Speaking score in Test 2 improved more than his Listening, Reading and Writing scores. On the other hand, Ollie prioritised the development of his writing skill and, while he sought some opportunities to speak English outside the university, he preferred the company of his Indonesian friends. For him, his Listening, Reading and Writing scores improved in Test 2, while his Speaking skills remained the same.

What has emerged from the study is the importance of English language contact inside and outside the university to improve students' language ability. This has been represented in Figure 3. The vertical axis represents English language contact outside the university and the horizontal axis represents academic language support.

The four cells in Figure 3 are exemplified by the different student case studies and, when taken together, indicate the trends that emerged from the study. While the test score analyses for the entire student cohort should be treated cautiously for reasons previously outlined, Figure 3 accurately represents the trends that emerged from the case studies and staff interviews. Further research needs to be conducted investigating international students' English language development in other university

sites and within different disciplines. The findings from this study may not be generalisable to other disciplines. For example, many of the students from the Faculty of Economics and Commerce were not required to write extensive pieces of writing. However, it is noteworthy that Dian, who was completing a 10,000 word research paper for his course, expressed similar views concerning social language development to other students in the study who were completing smaller pieces of writing. In faculties such as Arts, students may be writing more extensively, but collaborative learning is usually taking place in tutorials, therefore social English language as well as academic disciplinary writing, reading and listening, is important. The findings suggest that research into international students' English language development needs to consider students' agency in adapting to their studies, as well as the kinds of support that is available to them within their institutions.

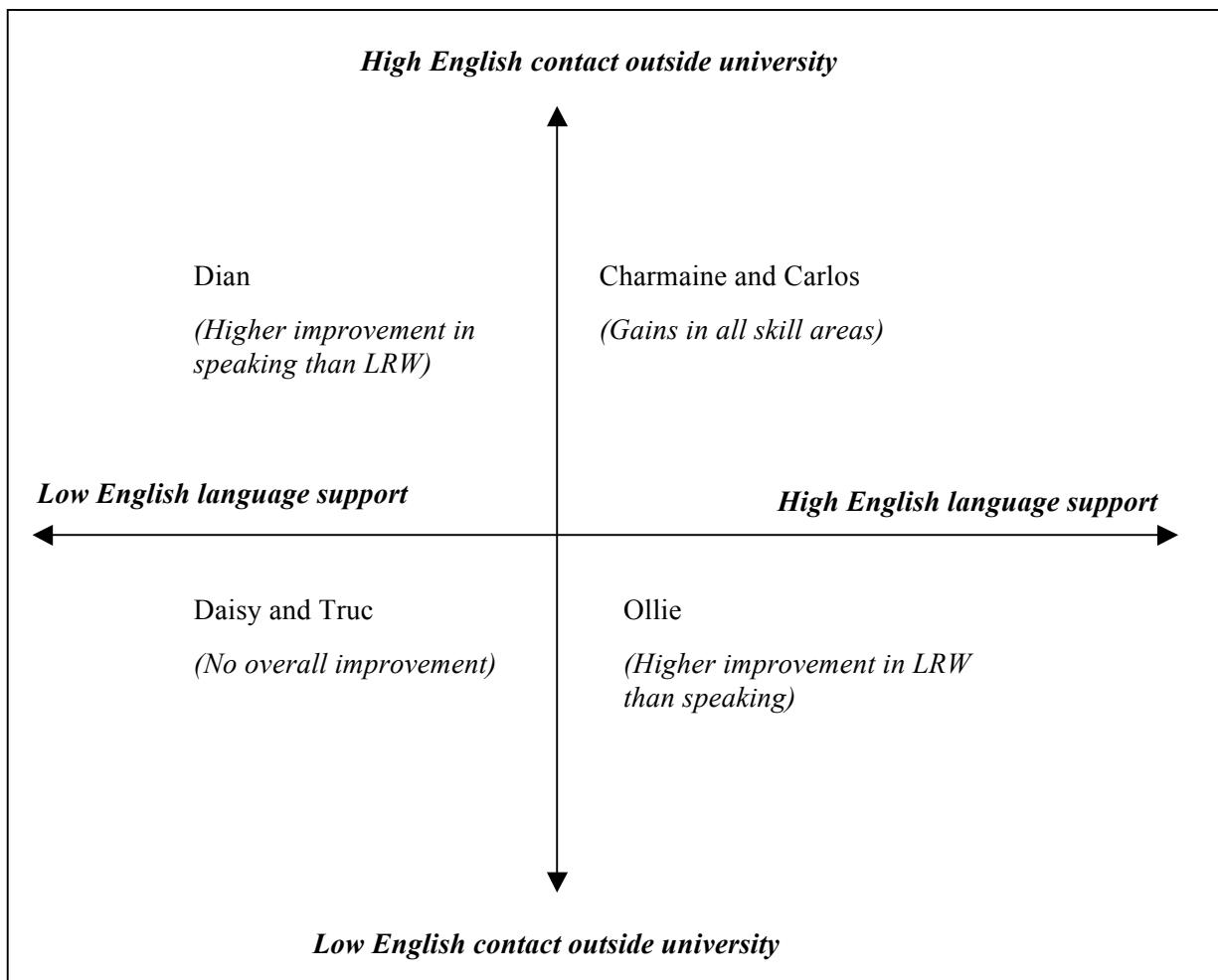


Figure 3: Interrelating factors influencing English language development

Most of the discussion in the wider literature concerning international students in English-speaking universities has centred around issues of their English language skills. There has been extensive research into how international students develop their academic writing skills, which has focused on the influence of cultural background and writing traditions in developing western academic writing (Cadman 1997; Connor 1996; Fox 1994). It has also explored the influence of academic practices within certain disciplines within institutions (Lea and Street 2000; Lillis 2001). Academic writing has

been perceived in the research literature as central to international students' success in higher education.

More recently, research has explored the subjective realities of international students as they adapt to various western-learning environments (Hellstén and Prescott 2004; Kettle 2005; Morita 2004). These studies explore notions of identity and agency as international students adapt to the academic discourse and practices of their disciplinary communities. Learners are viewed as agents in the classroom and their agency is both shaped and constrained by the institutional practices of the university. Many of these studies explore language socialisation within higher education, which "refers to the process by which novices or newcomers in a community or culture gain communicative competence, membership and legitimacy in the group" (Duff, 2007, No. 162: 310). They draw on the notion of communities of practice where social practice is viewed as central to learning. Lave and Wenger (1991) refer to the process by which learners are socialised into a community of practice as 'legitimate peripheral participation' (LPP). They argue that peripherality and legitimacy are required to make participation possible. Peripherality provides opportunities for participation that give exposure to actual practice, in the sense that it "offers the student a way of gaining access to the sources of understanding through growing involvement" (Lave and Wenger 1991, p 37). In other words, the pedagogy becomes visible to the learner by allowing them to participate in, and understand, the community of practice. To gain access to the community of practice and have the potential to become an insider, Wenger (1998, p 101) argues that newcomers must be granted enough legitimacy to be treated as potential members. He argues that gaining legitimacy is important, as newcomers to the community "are likely to fall short of what the community regards as competent behaviour".

The findings in our study suggest that spoken language proficiency is an important factor in international students gaining legitimacy within their disciplinary community of practice. However, this was difficult given that most of the newcomers to the community of practice were international students, requiring socialisation into the academic disciplinary discourse. The academic participants in particular seemed concerned about the lack of participation by international students in group work and oral presentations. The students indicated that this was in part due to their lack of social English skills.

Whereas the focus in many of the studies on language socialisation within higher education has been on academic presentations given in seminars and tutorials, as well as professional learning contexts (Duff, 2008 No. 163), the findings from the study reported here seem to suggest that the students were more concerned about developing their social, rather than their academic, oral English skills. This may in part be due to the lack of focus on oral presentations in the Faculty of Economics and Commerce, as indicated through the student interviews. There appeared to be few opportunities for the students to develop their spoken language skills, as most of the language support offered through the TLU was for written language support. However, the students were required to work in groups and complete group assignments. To gain legitimacy within their community of practice within the university, the students in the study sought to find employment or to place themselves in situations where they could speak English. Students sought to develop these skills outside of the university, indicating that this assisted with their participation within their disciplinary communities of practice.

In the interviews, academic participants indicated that they were not necessarily responsible for the English language development of international students. They believed that the language development would occur naturally over the period of time students spent at the university. In addition, the academics noted that factors such as student motivation to improve their language skills, as well as opportunities to communicate with English speakers, were important in developing students' English language. The academic participants did not appear to take responsibility for the language learning needs of their international students, stating that personal and social factors influence the students' language development. The TLU staff seemed to lack significant influence within the faculty to support the students, relying mainly on students individually seeking support from the unit. For the

students who chose to attend the TLU, it appeared that this action positively influenced their language development. However, the TLU staff participants stressed the importance of support from the academics for the TLU programs to ensure that international students were aware of the services and so that language development could be more closely aligned with the disciplinary discourse community.

8. CONCLUSION

The study has sought to investigate IELTS exit score gains in higher education and the factors that influence these for international students for whom English is a second/additional language. Students showed the least improvement in Writing. This may be due to the fact that within the Faculty of Economics and Commerce, depending on the choice of subjects studied, students were not required to undertake extended pieces of writing. This seemed to be the situation particularly for the undergraduate students interviewed. The lack of writing development would be of concern to employers both in Australia and overseas. Furthermore, the study found that Speaking skills could not be predicted from improvement in the other three skill areas. This is due in part to the fact that both the students and the teachers indicated the importance of social connections outside of university to assist the students in developing their spoken skills. Student exposure to English outside the university was dependent on the choices students made about seeking opportunities to develop their spoken language skills.

Part of the reason international students generally seek an education in an English-speaking university is to improve their English language skills, and many employers are concerned about the English language proficiency of international students. The study has revealed that it cannot be assumed that international students who complete their degree in an English-speaking university have developed their language skills in all areas. The findings suggest that most show improvement on one or more areas, and very few students show improvement in all areas, as was the case with Charmaine and Carlos. The factors that influenced their improvement were the high degree of contact with English outside the university and the English language support sought within the university.

The findings from the case studies have important implications for the provisions of English language development programs within higher education. While these programs mainly focus on academic language development, the study indicated that social English language use is important for international students. Students should therefore be given ample opportunity to develop their social, as well as academic, language skills for successful participation in university life and beyond.

On a final note, the introduction of an IELTS exit test upon course completion may have positive washback onto the curriculum by increasing the accountability of faculty staff for both the academic and social language development, and encouraging students to take up their responsibility in developing their language skills. However, because of the limitations of the quantitative score gain data in this study, it was not possible to reach any firm conclusions about the potential of IELTS as an exit test for graduates. More research is needed to validate the use of the IELTS for this purpose. Such research needs to examine whether the Test accurately reflected students' proficiency at the end of their course of study.

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APPENDIX 1: STUDENT QUESTIONNAIRE

Office Use Only

Date administered: _____

SECTION A: In this section, we are interested in finding out about you.

Please write your responses in the spaces provided.

1. Family name: _____

2. Given name: _____

3. Email address: _____

4. University of Melbourne student number: _____

5. Sex: _____

6. Date of birth: _____

7. Country of birth: _____

8. Nationality: _____

9. First language: _____

10. Other languages spoken: _____

11. Current course: Undergraduate

Postgraduate

Name of course: _____

12. Date of IELTS test used to enter the university

(If you did not use IELTS to enter your current university course, then you cannot participate in this study)

13. What English courses did you do before coming to Australia?

I studied English at secondary/high school in (name country) _____ for ____ years ____ months.

I studied English at university in _____ for ___ years ___ months.

I studied English at a private language school in _____ for ___ years ___ months.

I had a private tutor in _____ for ___ years ___ months.

14. Why did you learn English before you came to Australia?
(circle 'yes' or 'no' for each of the following statements)

English was compulsory at school	YES	NO
English was compulsory at university	YES	NO
I needed to know English to travel abroad	YES	NO
I needed to know English to study abroad	YES	NO
I needed to know English for my job	YES	NO
Other reason (please explain)		

How long have you been in Australia?

I have been in Australia for years months.

16. Where are you living at the moment? (Tick one of the following)

- In a flat with other students
- In a homestay
- With my own family
- Other (please explain)

How long have you lived there?

17. Have you lived in any other English speaking countries?
(circle 'yes' or 'no')

If yes, how long did you live in those countries?

For example: Country 1 2 years 6 months from 2001 to 2003.

Country 1 ____ years ____ months from ____ to _____.
Country 2 ____ years ____ months from ____ to _____.
Country 3 ____ years ____ months from ____ to _____.

SECTION B: In this section we are interested in finding out about how you are coping with your current course.

Please circle the appropriate response option or write your response in the spaces provided.

18. When you began your course did you think your English was good enough to cope well with your studies in Australia? **Yes** **No** **Unsure**

Please explain:

19. Has your English improved while you have been completing your course? **Yes** **No** **Unsure**

List the factors that you think have helped you to improve your English.

List the factors that you think have prevented you from improving your English.

20. Has the University required you to complete English language subjects during your course? **Yes** **No** **Unsure**

If 'yes',

a) what English language subject or subjects?

b) how have these subjects helped you with your English (e.g. listening and taking notes in lectures, reading, writing your assignments)?

21. Have you felt that you needed other English language support to cope with your course (e.g. help with your assignments)? **Yes** **No** **Unsure**

Please explain:

22. Have you been given any additional English language support during your course? Yes No Unsure

If 'yes',

a) who thought this would be a good idea? (for example, a lecturer, a tutor, yourself)

b) where did you get the support?

c) to what extent has this support helped you with your English?

d) how has this support helped you with your English (e.g. listening and taking notes in lectures, reading, writing your assignments)?

23. What factors in your life outside the university have helped you improve your English or prevented you from improving your English (for example, talking to your Australian friends)?

How have these factors helped you?

SECTION C: In this section we would like you to add any additional comments you have about the issues covered in this questionnaire.

Please make further comments on matters relating to your English language abilities, your IELTS results and success in your studies.

THANK YOU FOR YOUR ASSISTANCE.

APPENDIX 2: STUDENT INTERVIEW SCHEDULE

Each of the students reads over their questionnaire responses before the interview begins.

Questions:

1. Why did you take part in our study?
2. How do you feel about your latest IELTS results?
3. Do you think they reflect your improvement?
4. What language skills do you think IELTS tests?
5. During your course, what happened inside and outside the university to help you improve your English skills?

Prompts - What services did you use?
 - What other things did you do?

6. Do you think your experiences of English are typical of other international students?
7. Can you tell us a story about one of your friends that is different from your own?
8. When you first arrived at university, which English language skills did you consider stronger?
And now?
9. What do you see the relationship between developing everyday social and academic English?
10. What advice would you give new international students in your faculty about developing their language skills?

APPENDIX 3: STAFF INTERVIEW SCHEDULE

Background information:

Years teaching at tertiary level

Years teaching at the University of Melbourne?

Subjects taught in the faculty

Estimate of % of international students taught at undergraduate / postgraduate level

Briefly discuss the main findings from IELTS Test 1 and Test 2 scores.

Questions:

How would you explain these results?

Focus on writing –

Focus on listening –

Focus on reading –

Focus on speaking –

What educational, personal and social factors do you think influence whether or not the students improve?

APPENDIX 4: IELTS TEST 1 AND TEST 2 INDIVIDUAL RESULTS

	TEST 1 RESULTS					TEST 2 RESULTS				
	L	R	W	S	Overall	L	R	W	S	Overall
SP1	5.5	7.5	7.0	7.0	7.0	8.0	7.5	8.0	8.0	8.0
SP2	8.5	7.5	8.0	8.0	8.0	8.5	8.0	8.0	8.0	8.0
SP3	6.0	7.0	6.0	7.0	6.5	6.5	7.5	7.0	6.0	7.0
SP4	8.0	9.0	6.0	7.0	7.5	8.5	7.5	6.0	7.0	7.5
SP5	7.5	7.5	7.0	6.0	7.0	7.5	8.5	7.0	7.0	7.5
SP6	6.5	7.0	5.0	6.0	6.0	6.5	6.5	6.0	7.0	6.5
SP7	8.0	6.0	6.0	6.0	6.5	8.0	6.5	6.0	7.0	7.0
SP8	6.5	5.5	5.0	6.0	6.0	6.5	6.5	6.0	6.0	6.5
SP9	7.0	6.0	7.0	6.0	6.5	6.5	6.5	6.0	6.0	6.5
SP10	6.5	6.0	7.0	6.0	6.5	6.0	7.5	7.0	6.0	6.5
SP11	8.0	8.0	7.0	8.0	8.0	8.5	9.0	8.0	9.0	8.5
SP12	9.0	7.5	7.0	7.0	7.5	8.5	8.5	8.0	8.0	8.5
SP13	8.0	7.5	8.0	9.0	8.0	8.0	7.5	9.0	8.0	8.0
SP14	7.5	7.5	8.0	8.0	8.0	8.5	7.5	8.0	9.0	8.5
SP15	7.0	6.5	6.0	7.0	6.5	7.0	7.0	6.0	8.0	7.0
SP16	7.0	7.0	6.0	7.0	7.0	8.0	7.5	7.0	6.0	7.0
SP17	7.0	5.0	5.0	6.0	6.0	7.0	7.5	6.0	7.0	7.0
SP18	6.5	6.5	6.0	7.0	6.5	7.5	7.5	6.0	7.0	7.0
SP19	5.5	5.0	5.0	6.0	5.5	6.5	6.5	6.0	6.0	6.5
SP20	6.0	7.5	6.0	6.0	6.5	8.0	8.5	6.0	6.0	7.0
SP21	8.0	7.5	7.0	8.0	7.5	9.0	7.0	8.0	8.0	8.0
SP22	8.0	7.0	7.0	7.0	7.5	8.5	8.5	8.0	8.0	8.5
SP23	8.5	8.5	7.0	5.0	7.5	8.5	8.5	7.0	7.0	8.0
SP24	8.0	9.0	8.0	8.0	8.5	9.0	9.0	8.0	8.0	8.5
SP25	7.0	5.5	6.0	6.0	6.0	6.5	5.5	6.0	6.0	6.0
SP26	7.0	7.0	6.0	7.0	7.0	8.0	7.0	7.0	7.0	7.5
SP27	7.5	7.5	7.0	6.0	7.0	7.0	8.0	7.0	7.0	7.5
SP28	6.5	7.0	7.0	6.0	6.5	6.5	7.5	6.0	7.0	7.0
SP29	6.5	6.5	7.0	6.0	6.5	7.5	7.5	6.0	7.0	7.0
SP30	6.5	6.0	6.0	7.0	6.5	8.0	7.0	6.0	7.0	7.0
SP31	7.5	8.5	7.0	7.0	7.5	8.0	8.5	7.0	8.0	8.0
SP32	7.0	7.0	6.0	6.0	6.5	8.0	7.5	6.0	7.0	7.0

	TEST 1 RESULTS					TEST 2 RESULTS				
	L	R	W	S	Overall	L	R	W	S	Overall
SP33	7.5	6.5	7.0	6.0	7.0	7.0	6.5	6.0	7.0	6.5
SP34	6.5	6.5	6.0	6.0	6.5	7.5	6.5	6.0	6.0	6.5
SP35	7.5	7.0	7.0	6.0	7.0	8.0	9.0	7.0	6.0	7.5
SP36	6.5	6.5	6.0	6.0	6.5	7.0	7.5	6.0	7.0	7.0
SP37	7.0	7.0	6.0	6.0	6.5	8.0	7.0	6.0	6.0	7.0
SP38	6.5	6.5	6.0	6.0	6.5	7.0	7.0	5.0	6.0	6.5
SP39	8.0	8.0	7.0	7.0	7.5	8.5	7.5	6.0	7.0	7.5
SP40	7.5	6.5	6.0	7.0	7.0	7.5	7.5	6.0	6.0	7.0
SP41	7.5	6.5	6.0	6.0	6.5	7.5	6.5	5.0	7.0	6.5
SP42	7.0	7.5	7.0	6.0	7.0	7.5	8.0	7.0	7.0	7.5
SP43	6.5	6.5	6.0	7.0	6.5	9.0	7.5	7.0	7.0	7.5
SP44	7.0	7.0	8.0	8.0	7.5	7.5	8.0	9.0	8.0	8.0
SP45	7.0	6.5	7.0	6.0	6.5	8.0	7.5	7.0	6.0	7.0
SP46	6.5	6.5	7.0	5.0	6.5	6.5	6.5	5.0	5.0	6.0
SP47	6.5	7.0	7.0	6.0	6.5	7.5	7.0	5.0	6.0	6.5
SP48	7.5	8.0	6.0	6.0	7.0	6.5	7.0	7.0	8.0	7.0
SP49	7.5	7.0	6.0	7.0	7.0	7.0	8.0	7.0	7.0	7.5
SP50	6.0	6.5	6.0	7.0	6.5	7.0	7.5	6.0	7.0	7.0
SP51	7.0	6.5	5.0	6.0	6.0	6.5	7.0	6.0	6.0	6.5
SP52	6.0	7.0	5.0	6.0	6.0	7.5	6.0	6.0	6.0	6.5
SP53	8.0	7.0	7.0	7.0	7.5	9.0	9.0	8.0	8.0	8.5
SP54	6.0	7.0	6.0	6.0	6.5	8.0	8.0	6.0	7.0	7.5
SP55	6.5	6.5	5.0	6.0	6.0	8.0	7.5	7.0	8.0	7.5
SP56	6.5	6.5	6.0	6.0	6.5	7.5	7.0	6.0	6.0	6.5
SP57	7.0	6.5	6.0	6.0	6.5	8.5	7.0	8.0	7.0	7.5
SP58	7.0	6.5	7.0	7.0	7.0	7.5	8.5	7.0	7.0	7.5
SP59	8.5	6.5	7.0	6.0	7.0	8.5	7.5	6.0	7.0	7.5
SP60	7.0	6.0	6.0	7.0	6.5	7.5	7.0	7.0	7.0	7.0
SP61	7.5	7.0	7.0	8.0	7.5	7.0	6.5	7.0	9.0	7.5
SP62	7.0	7.0	6.0	6.0	6.5	6.5	6.0	6.0	7.0	6.5
SP63	7.0	6.5	7.0	7.0	7.0	7.0	7.5	7.0	8.0	7.5

APPENDIX 5: SUMMARY OF IELTS SCORE GAINS FROM TEST 1 TO TEST 2

Overall		Listening		Reading		Writing		Speaking	
Test 1	Test 2	Test 1	Test 2	Test 1	Test 2	Test 1	Test 2	Test 1	Test 2
				5.0=1	6.5=1	5.0=8	6.0=6	5.0=2	5.0=1
5.5=1	6.5=1	5.5=2	6.5=1	5.5=2	5.5=1				7.0=1
			8.0=1		6.5=1				
6.0=7	6.0=1	6.0=5	6.5=1	6.0=5	6.5=2	6.0=25	5.0=2	6.0=33	6.0=15
	6.5=4		7.0=1		7.0=2		6.0=16		7.0=16
	7.0=1		7.5=1		7.5=1		7.0=7		8.0=2
	7.5=1		8.0=2				8.0=1		
6.5=26	6.0=1	6.5=15	6.0=1	6.5=20	6.5=4				
	6.5=8			6.5=4	7.0=5				
	7.0=14		7.0=2		7.5=10				
	7.5=3		7.5=5		8.5=1				
			8.0=2						
			9.0=1						
7.0=14	6.5=1	7.0=17	6.5=4	7.0=17	6.0=2	7.0=25	5.0=2	7.0=20	6.0=3
	7.0=3		7.0=3		6.5=2		6.0=6		7.0=10
	7.5=9		7.5=4		7.0=3		7.0=11		8.0=7
	8.0=1		8.0=5		7.5=4		8.0=6		
			8.5=1		8.0=3				
					8.5=1				
					9.0=2				
7.5=10	7.5=3	7.5=11	6.5=1	7.5=10	7.0=1				
	8.0=4		7.0=4		7.5=3				
	8.5=3		7.5=3		8.0=3				
			8.0=2		8.5=3				
			8.5=1						
8.0=4	8.0=2	8.0=9	8.0=2	8.0=3	7.0=1	8.0=5	8.0=3	8.0=7	8.0=4
	8.5=2		8.5=4		7.5=1		9.0=2		9.0=3
			9.0=3		9.0=1				
8.5=1	8.5=1	8.5=3	8.5=3	8.5=2	8.5=2				
		9.0=1	8.5=1	9.0=2	7.5=1				
					9.0=1				

APPENDIX 6: QUESTIONNAIRE DATA

Section A: Question 1 – Question 12

In this section, we are interested in finding out about you.

Participant	Sex	DOB	Country of Birth	Nationality	First Language	Other languages spoken	UG/PG	Date of IELTS 1
SP1	M	03/01/78	Peru	Spanish	Spanish	English	PG	28/02/04
SP2	F	29/09/80	Brazil	Brazilian	Portuguese	English, Spanish, French, Italian	PG	23/07/05
SP3	F	17/10/80	China	Chinese	Chinese	English	PG	28/08/04
SP4	M	23/10/80	Indonesia	Indonesian	Bahasa	English, Javanese	PG	28/10/04
SP5	F	18/12/82	China	Chinese	Chinese	English	PG	11/10/03
SP6	M	14/06/81	China	Chinese	Chinese	English	PG	19/07/04
SP7	M	19/08/81	Indonesia	Indonesian	Indonesian	Mandarin, Malay, Padang	PG	28/10/04
SP8	F	26/03/82	China	Chinese	Chinese	English	UG	28/06/03
SP9	M	01/08/81	China	Chinese	Chinese	English	PG	11/12/04
SP10	M	10/04/83	China	Chinese	Chinese	English	PG	13/12/03
SP11	F	10/07/84	Malaysia	Malaysian	English	Chinese	UG	22/02/03
SP12	F	17/02/84	Malaysia	Malaysian	Chinese	English, Malay	UG	29/07/02
SP13	F	11/01/83	Malaysia	Malaysian	English	Malay	UG	06/10/02
SP14	F	13/06/84	Malaysia	Malaysian	English	Chinese, Malay	UG	02/08/03
SP15	F	30/11/85	Malaysia	Malaysian	Malay	Chinese, English	UG	15/05/04
SP16	M	11/10/84	China	Chinese	Chinese	English	UG	22/02/03
SP17	F	07/12/03	China	Chinese	Chinese	English	UG	15/03/03
SP18	M	25/10/83	China	Chinese	Chinese	English	UG	13/03/04
SP19	M	02/08/76	Hong Kong	Chinese	Chinese	--	UG	09/02/02
SP20	M	04/06/84	China	Chinese	Cantonese	Mandarin	UG	28/08/04
SP21	M	26/11/84	Malaysia	Malaysian	English	Malay, Tamil	UG	08/03/03
SP22	F	17/10/84	China	Chinese	Chinese	English	UG	18/02/03
SP23	M	01/10/85	Malaysia	Malaysian	Malay	English, Mandarin	UG	02/08/03
SP24	F	24/11/83	Malaysia	Malaysian	Bahasa Melayu	English	UG	20/10/02
SP25	F	29/08/84	China	Chinese	Chinese	English	UG	15/03/03
SP26	F	16/09/86	Indonesia	Indonesian	Indonesian	Chinese	UG	26/10/02
SP27	F	26/02/84	China	Chinese	Mandarin	English	PG	10/12/05
SP28	M	31/03/78	Vietnam	Vietnamese	Vietnamese	English	PG	12/06/04
SP29	M	12/02/84	China	Chinese	Chinese	-	PG	19/03/05
SP30	F	04/06/84	China	Chinese	Chinese	English	UG	04/12/04
SP31	M	30/10/85	Malaysia	Malaysian	English	Chinese, Malay	UG	17/04/04
SP32	F	28/11/70	Taiwan	Taiwanese	Chinese	-	PG	15/05/04
SP33	F	28/08/84	China	Chinese	Chinese	English	PG	19/03/05
SP34	F	20/07/81	China	Chinese	Mandarin	English	PG	15/05/04
SP35	M	19/05/84	China	Chinese	Mandarin	Cantonese	PG	14/08/04
SP36	F	15/11/79	Hong Kong	British National Overseas	Cantonese	English, Mandarin	PG	11/06/05
SP37	M	04/12/84	China	Chinese	Mandarin	Cantonese	UG	28/08/04

Participant	Sex	DOB	Country of Birth	Nationality	First Language	Other languages spoken	UG/PG	Date of IELTS 1
SP38	F	15/06/84	China	Chinese	Chinese	Cantonese, English	UG	18/12/04
SP39	M	29/12/82	China	Chinese	Chinese	-	PG	16/10/04
SP40	M	14/02/86	China	Chinese	Chinese	Japanese, English	UG	25/05/02
SP41	F	15/08/81	China	Chinese	Chinese	English, Arabic	UG	17/07/04
SP42	F	20/11/81	China	Chinese	Chinese	English	PG	22/05/04
SP43	M	23/10/76	Indonesia	Indonesian	Indonesian	English	PG	22/01/05
SP44	M	01/10/84	India	Indian	Bengali	English, Hindi	UG	02/11/02
SP45	F	21/06/79	Vietnam	Vietnamese	Vietnamese	English	PG	13/11/04
SP46	F	04/04/76	Vietnam	Vietnamese	Vietnamese	English	PG	22/10/05
SP47	F	11/08/80	Vietnam	Vietnamese	Vietnamese	English	PG	22/10/05
SP48	F	28/08/82	China	Chinese	Chinese	English	PG	29/10/05
SP49	M	26/10/81	China	Chinese	Chinese	English	PG	25/06/05
SP50	F	11/11/81	Thailand	Thai	Thai	English	PG	02/04/05
SP51	F	20/10/81	China	Chinese	Chinese	Cantonese	PG	19/02/05
SP52	F	13/05/83	China	Chinese	Cantonese	Mandarin	UG	20/10/02
SP53	F	19/08/86	Malaysia	Malaysian	English	Malay	UG	15/05/04
SP54	F	06/06/86	Hong Kong	British	Cantonese	English, Mandarin	UG	12/07/03
SP55	F	18/02/87	Hong Kong	British	Cantonese	Mandarin	UG	19/07/03
SP56	F	27/03/04	China	Chinese	Mandarin	English	PG	24/07/04
SP57	F	11/12/81	China	Chinese	Mandarin	English	PG	26/11/05
SP58	F	14/07/82	Japan	Japanese	Japanese	English	PG	23/07/05
SP59	M	01/01/84	China	Chinese	Chinese	English, Italian	PG	18/03/06
SP60	F	17/07/86	China	Chinese	Chinese	English	UG	18/12/04
SP61	M	15/02/85	India	Indian	Hindi	English	PG	14/05/05
SP62	M	01/09/84	China	Chinese	Chinese	English	UG	30/10/04
SP63	M	24/01/83	China	Chinese	Chinese	-	PG	-

Section A: Question 13: What English courses did you do before coming to Australia?

Participant	Secondary / High School	University	Private Language School	Private Tutor
SP1	5 yrs	-	1 yrs / 6 mths	6 mths
SP2	3 yrs	-	6 yrs	-
SP3	6 yrs	4 yrs	-	-
SP4	6 yrs	6 mths	1 yrs	-
SP5	7 yrs	4 yrs	-	-
SP6	6 yrs	4 yrs	3 mths	-
SP7	6 yrs	6 mths	3 yrs	-
SP8	6 yrs	-	2 mths	-
SP9	7 yrs	4 yrs	5 mths	-
SP10	6 yrs	2 yrs	-	-
SP11	5 yrs	-	9 yrs	-
SP12	6 yrs	-	-	-
SP13	5 yrs	-	5 yrs	-
SP14	5 yrs	-	6 yrs	-
SP15	5 yrs	2 yrs	-	3 yrs
SP16	6 yrs	3 yrs	-	-
SP17	6 yrs	-	-	-
SP18	6 yrs	1 yrs / 6 mths	-	-
SP19	5 yrs	1 yrs	4 mths	2 mths
SP20	8 yrs	2 yrs	-	-
SP21	7 yrs	2 yrs	-	-
SP22	4 yrs	-	-	-
SP23	5 yrs	-	-	-
SP24	5 yrs	-	-	-
SP25	6 yrs	3 yrs	2 mths	-
SP26	5 yrs	2 yrs	-	-
SP27	6 yrs	6 mths	1 yrs	-
SP28	4 yrs	4 yrs	-	-
SP29	6 yrs	4 yrs	-	6 mths
SP30	5 yrs	2 yrs	-	-
SP31	5 yrs	-	-	-
SP32	6 yrs	1 yrs	-	-
SP33	6 yrs	4 yrs	-	6 mths
SP34	6 yrs	4 yrs	1 mths	-
SP35	6 yrs	4 yrs	-	-
SP36	7 yrs	3 yrs	-	-
SP37	6 yrs	2 yrs	-	-
SP38	8 yrs	2 yrs	-	-
SP39	6 yrs	4 yrs	-	-
SP40	5 yrs	-	6 mths	-
SP41	6 yrs	-	-	-
SP42	6 yrs	4 yrs	-	-
SP43	3 yrs	1 yrs	-	-
SP44	14 yrs	-	-	-
SP45	4 yrs	4 yrs	-	-
SP46	-	4 yrs	-	-
SP47	7 yrs	4 yrs	3 mths	-
SP48	6 yrs	4 yrs	-	-
SP49	6 yrs	2 yrs	2.5 mths	-
SP50	3 yrs	4 yrs	-	-
SP51	6 yrs	2 yrs	-	-
SP52	6 yrs / 2 mths	3 yrs	-	-
SP53	5 yrs	-	3 yrs	-
SP54	5 yrs	2 yrs / 6 mths	-	-
SP56	6 yrs	4 yrs	-	-
SP57	6 yrs	3 yrs	-	-
SP58	6 yrs	4 yrs	-	-
SP59	6 yrs	-	-	-
SP60	3 yrs	2 yrs	-	-
SP61	15 yrs / 6 mths	5 yrs / 6 mths	-	-
SP62	6 yrs	1 yrs / 3 mths	-	-
SP63	6 yrs	4 yrs	-	-

Section A: Question 14

Why did you learn English before you came to Australia?
(Circle 'yes' or 'no' for each of the following statements).

English was compulsory at school				English was compulsory at university			I needed to know English to travel abroad		
Participant	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response
SP1	✓				✓			✓	
SP2	✓			✓			✓		
SP3	✓			✓					✓
SP4	✓			✓			✓		
SP5	✓			✓			✓		
SP6	✓			✓			✓		
SP7		✓			✓		✓		
SP8	✓			✓				✓	
SP9	✓			✓			✓		
SP10	✓			✓				✓	
SP11	✓				✓			✓	
SP12	✓				✓		✓		
SP13	✓					✓			✓
SP14	✓					✓			✓
SP15	✓			✓			✓		
SP16	✓				✓		✓		
SP17	✓			✓			✓		
SP18	✓			✓			✓		
SP19	✓			✓			✓		
SP20	✓			✓				✓	
SP21	✓				✓		✓		
SP22	✓					✓			✓
SP23	✓			✓			✓		
SP24	✓					✓			✓
SP25	✓				✓				✓
SP26	✓				✓		✓		
SP27	✓			✓					✓
SP28	✓			✓			✓		
SP29	✓			✓					
SP30	✓			✓			✓		
SP31	✓			✓			✓		
SP32	✓			✓			✓		
SP33	✓			✓				✓	
SP34	✓			✓				✓	
SP35	✓				✓		✓		
SP36	✓			✓			✓		
SP37	✓			✓			✓		

English was compulsory at school				English was compulsory at university			I needed to know English to travel abroad		
Participant	Yes	No	No Response	Yes	No	No Response	Yes	No	No Response
SP39	✓			✓		✓	✓		
SP40	✓						✓		
SP41	✓								✓
SP42	✓			✓			✓		
SP43	✓			✓				✓	
SP44	✓			✓			✓		
SP45	✓			✓				✓	
SP46	✓			✓			✓		
SP47	✓			✓				✓	
SP48	✓			✓			✓		
SP49	✓			✓				✓	
SP50	✓			✓			✓		
SP51	✓			✓			✓		
SP52	✓			✓			✓		
SP53	✓			✓					✓
SP54	✓			✓			✓		
SP55	✓			✓			✓		
SP56	✓			✓					✓
SP57	✓			✓			✓		
SP58	✓			✓				✓	
SP59	✓				✓			✓	
SP60	✓			✓			✓		
SP61	✓			✓			✓		
SP62	✓			✓			✓		
SP63	✓				✓		✓		

Section A: Question 14 (continued)

Why did you learn English before you came to Australia?
 (Circle 'yes' or 'no' for each of the following statements).

I needed to know English to study abroad				I needed to know English for my job.		
Participant	Yes	No	No Response	Yes	No	No Response
SP1	✓			✓		
SP2	✓			✓		
SP3			✓	✓		
SP4	✓			✓		
SP5	✓			✓		
SP6	✓			✓		
SP7	✓			✓		
SP8	✓			✓		
SP9	✓			✓		
SP10	✓				✓	
SP11		✓			✓	
SP12	✓			✓		
SP13			✓			✓
SP14			✓			✓
SP15	✓			✓		
SP16	✓				✓	
SP17	✓			✓		

I needed to know English to study abroad				I needed to know English for my job.		
Participant	Yes	No	No Response	Yes	No	No Response
SP19	✓			✓		
SP20	✓			✓		
SP21		✓			✓	
SP22			✓			✓
SP23	✓			✓		
SP24			✓			✓
SP25	✓			✓		
SP26	✓				✓	
SP27	✓					✓
SP28	✓					✓
SP29	✓			✓		
SP30	✓			✓		
SP31	✓			✓		
SP32	✓			✓		
SP33	✓			✓		
SP34	✓			✓		
SP35	✓			✓		
SP36	✓			✓		
SP37	✓			✓		
SP38	✓			✓		
SP39	✓			✓		
SP40	✓					✓
SP41			✓			✓
SP42	✓			✓		
SP43	✓			✓		
SP44	✓			✓		
SP45	✓			✓		
SP46	✓			✓		
SP47	✓			✓		
SP48	✓			✓		
SP49	✓			✓		
SP50	✓			✓		
SP51	✓			✓		
SP52	✓			✓		
SP53			✓	✓		
SP54	✓			✓		
SP55	✓			✓		
SP56	✓			✓		
SP57	✓			✓		
SP58	✓			✓		
SP59		✓		✓		
SP60	✓				✓	
SP61	✓			✓		
SP62	✓			✓		
SP63	✓			✓		

Section A: Question 15 – Question16**15. How long have you been in Australia?****16. Where are you living at the moment? How long have lived there?**

Participant	How long have you been in Australia?	Where are you living at the moment?					How long have you lived there?
		In a flat with other students	In a homestay	With own family	Other	Comments	
SP1	1 yrs / 5 mths				✓	With partner in flat.	5 mths
SP2	8 mths				✓	Apartment with flatmate.	2 mths
SP3	1 yr / 3 mths	✓					6 mths
SP4	1 yr / 4 mths			✓			9 mths
SP5	1 yr / 3 mths	✓					1 yr / 3 mths
SP6	1 yr / 10 mths	✓					3 mths
SP7	1 yr / 4 mths	✓					-
SP8	3 yrs	✓					2 yrs
SP9	2 yrs / 1 mth	✓					3 mths
SP10	1 yr / 3 mths	✓					1 yr / 3 mths
SP11	2 yrs / 10 mths	✓					9 mths
SP12	3 yrs / 3 mths	✓					3 mths
SP13	5 yrs / 6 mths	✓					6 mths
SP14	2 yrs / 3 mths	✓					1 mth
SP15	2 yrs	✓					3 mths
SP16	2 yrs / 8 mths	✓					2 yrs
SP17	2 yrs / 11 mths	✓					3 mths
SP18	1 yr / 6 mths	✓					10 mths
SP19	2 yrs / 3 mths	✓					2 mths
SP20	1 yr	✓					1 yr
SP21	2 yrs / 5 mths	✓					1 yr
SP22	1 yr / 10 mths			✓			1 yr / 10 mths
SP23	3 yrs / 5 mths	✓					2 yrs
SP24	4 yrs / 3 mths				✓	House with other students.	3 yrs
SP25	3 yrs	✓					2 yrs
SP26	3 yrs / 1 mth	✓					1 yr / 6 mths
SP27	9 mths	✓					9 mths
SP28	1 yr / 3 mths	✓					1 yr / 3 mths
SP29	8 mths	✓					3 mths
SP30	1 yr / 6 mth	✓					1 yr
SP31	2 yrs / 3 mths	✓					1 yr
SP32	2 yrs / 2 mths	✓					2 yrs / 2 mths
SP33	8 mths	✓					8 mths
SP34	1 yr / 6 mths	✓					1 yr / 3 mths
SP35	1 yr / 3 mths	✓					6 mths
SP36	9 mths	✓					9 mths
SP37	2 yr / 8 mths				✓	Studio apartment.	6 mths
SP38	2 yr / 8 mths	✓					3 mths
SP39	1 yr / 3 mths			✓			1 yr / 3 mths
SP40	4 yrs				✓	With relatives.	4 mths
SP41	3 yrs / 9 mths	✓					8 mths
SP42	8 mths		✓				8 mths
SP43	1 yr / 4 mths				✓	In flat with a working person.	6 mths
SP44	4 yrs / 2 mths	✓					9 mths
SP45	9 mths	✓					7 mths
SP46	9 mths	✓					9 mths
SP47	9 mths	✓					9 mths
SP48	8 mths	✓					8 mths

Participant	How long have you been in Australia?	Where are you living at the moment?					How long have you lived there?
		In a flat with other students	In a homestay	With own family	Other	Comments	
SP49	1 yr / 6 mths	✓					1 yr / 6 mths
SP50	1 yr / 4 mths	✓					1 yr / 4 mths
SP51	1 yr / 4 mths	✓					1 yr / 4 mths
SP52	4 yrs / 3 mths	✓					4 yrs
SP53	2 yrs / 3 mths				✓	Alone in apartment.	8 mths
SP54	3 yrs / 6 mths				✓	Studio apartment.	2 yrs / 8 mths
SP55	4 yrs		✓				3 yrs
SP56	1 yr / 3 mths				✓	In house with other students.	1 yr
SP57	8 mths	✓					3 mths
SP58	10 mths		✓				10 mths
SP59	9 mths	✓					9 mths
SP60	1 yr / 4 mths	✓					1 yr / 3 mths
SP61	1 yr / 5 mths		✓				1 yr / 4 mths
SP62	2 yr / 10 mths	✓					1 yr / 2 mths
SP63	1 yr / 3 mths	✓					9 mths

Section A: Question 17

Have you lived in any other English-speaking countries?

If yes, how long did you live in those countries?

Participant	Yes	No	No Response	Length of stay
SP1		✓		
SP2	✓			6 mths
SP3		✓		
SP4		✓		
SP5		✓		
SP6		✓		
SP7		✓		
SP8		✓		
SP9		✓		
SP10		✓		
SP11		✓		
SP12		✓		
SP13		✓		
SP14		✓		
SP15		✓		
SP16	✓			19 yrs
SP17		✓		
SP18	✓			1 yr / 6 mths
SP19	✓			2 yrs / 4 mths
SP20		✓		
SP21		✓		
SP22	✓			4 yrs
SP23		✓		
SP24		✓		
SP25		✓		
SP26	✓			17 yrs
SP27		✓		

Participant	Yes	No	No Response	Length of stay
SP28		✓		
SP29		✓		
SP30		✓		
SP31	✓			1 yr / 6 mths
SP32		✓		
SP33		✓		
SP34		✓		
SP35		✓		
SP36	✓			1 mth
SP37		✓		
SP38		✓		
SP39		✓		
SP40		✓		
SP41		✓		
SP42		✓		
SP43		✓		
SP44	✓			1 yr / 5 mths
SP45		✓		
SP46		✓		
SP47		✓		
SP48		✓		
SP49		✓		
SP50		✓		
SP51		✓		
SP52		✓		
SP53		✓		
SP54		✓		
SP55		✓		
SP56		✓		
SP57	✓			4 yrs / 9 mths
SP58		✓		
SP59		✓		
SP60		✓		
SP62		✓		
SP63		✓		
SP63		✓		

Section B: Question 18

When you began your course did you think your English was good enough to cope well with your studies in Australia? Please explain. (Students did not add any comments).

Participant	Yes	No	Unsure
SP1	✓		
SP2	✓		
SP3			✓
SP4		✓	
SP5		✓	
SP6			✓
SP7	✓		
SP8		✓	
SP9		✓	
SP10		✓	
SP11		✓	
SP12			✓
SP13	✓		
SP14	✓		
SP15	✓		
SP16	✓		
SP17	✓		
SP18		✓	
SP19	✓		
SP20	✓		
SP21	✓		
SP22	✓		
SP23	✓		
SP24	✓		
SP25	✓		
SP26	✓		
SP27	✓		
SP28	✓		
SP29		✓	
SP30		✓	
SP31	✓		
SP32		✓	
SP33		✓	
SP34			✓
SP35	✓		
SP36			✓
SP37		✓	
SP38		✓	
SP39	✓		
SP40	✓		
SP41	✓		

Participant	Yes	No	Unsure
SP42			✓
SP43	✓		
SP44	✓		
SP45			✓
SP46			✓
SP47	✓		
SP48		✓	
SP49			✓
SP50		✓	
SP51			✓
SP52			✓
SP53	✓		
SP54	✓		
SP55	✓		
SP56			✓
SP57	✓		
SP58		✓	
SP59		✓	
SP60	✓		
SP61	✓		
SP62	✓		
SP63	✓		

Section B: Question 19

Has your English improved while you have been completing your course?

A. List the factors that you think have helped you improve your English.

B. List the factors that you think have prevented you from improving your English.

Participant	Yes	No	Unsure	Factor A. (Improvement)	B. (Prevented improvement)
SP1	✓			Work and social interactions.	No comment recorded.
SP2	✓			Reading texts in English.	No comment recorded.
SP3	✓			Intense subjects, homework, group assignments	No comment recorded.
SP4	✓			Social interactions and study requirements	Lack of English speaking friends, laziness.
SP5	✓			Studying in English	No comment recorded.
SP6	✓			English conversations and reading	No comment recorded.
SP7	✓			English conversations	Socialising with Indonesian friends
SP8	✓			Writing skills and expression have improved	Reliance on lecture notes rather than active listening; lack of local friends.
SP9	✓			Media, English speaking lectures	Interaction with mostly non-English speaking students.
SP10	✓			English as language of instruction.	Little chance to practice English outside the classroom due to interaction with Chinese friends.
SP11			✓	Doing assignments and readings at university.	No comment recorded.

Participant	Yes	No	Unsure	Factor A. (Improvement)	B. (Prevented improvement)
SP12	✓			Improved writing skills from doing assignments; social interactions.	Lack of reading of English materials.
SP13			✓	Speaking English more than you would do in Malaysia.	No comment recorded.
SP14	✓			Speaking to native speakers; reading textbooks	Little time for creative writing (an interest).
SP15	✓			Speaking (social interactions) and writing (study requirements)	Interaction with mostly other Asian students.
SP16		✓		Watching films; reading textbooks.	Spend a lot of time reading and less time communicating
SP17			✓	Community activities	Not doing many essays or presentations because doing a maths major. Most friends are Asian.
SP18	✓			TV, study, local friends, group assignments	More Chinese friends than local friends.
SP19	✓			Reading materials for law course.	Minimal cross cultural socialising.
SP20	✓			Tv, Talking to students	Minimal socialising because of time taken with study
SP21	✓			English as language of instruction	No comment recorded.
SP22		✓		No comment recorded.	Most other students are Chinese.
SP23	✓			English as language of instruction	No comment recorded.
SP24	✓			English as language of instruction; living in English speaking environment.	No comment recorded.
SP25			✓	Reading materials, lectures and tutorials.	Most other students are Chinese.
SP26			✓	Classes at Uni speak English; English as language of instruction	Reluctancy of friends to use English.
SP27			✓	Readings, Daily conversation	Reluctancy of friends to use English.
SP28	✓			Lecture, group assignments	Too many International Students.
SP29	✓			Lecture, group assignments	Too many International Students.
SP30	✓			Watching news, reading paper, assignments	Stays within Chinese community.
SP31	✓			English environment, daily conversation	No comment recorded.
SP32	✓			Listening to radio, talking with friends, emails	Didn't speak out in class.
SP33	✓			Work, Making friends with local students.	Too many international students. Living with students from same country.
SP34	✓			Lecture, group assignments	Not many opportunities to speak English and with locals.
SP35	✓			Readings, Daily conversation	Friends are from the same country.
SP36	✓			Speaking with locals, Watch TV, Read newspapers, assignments.	Friends are from the same country.
SP37	✓			Vocabulary, Native expressions	Friends are from the same country.
SP38	✓			Lecture, Watch TV, Making friends with local students	Friends are from the same country. Living with students from same country.
SP39	✓			English environment, assignments	Too many International Students. Cultural difference.
SP40	✓			Studying, talking with native speakers. Reading and writing daily.	No comment recorded.
SP41	✓			Essay writing, speaking with professionals and students.	No comment recorded.
SP42	✓			Lecture, group assignments	Stay with Chinese family.
SP43	✓			Discussion in class, Essay writing, watching TV	Friends are from the same country.
SP44	✓			Essay writing, exposure to academic terms and new words.	Friends are from the same country.

Participant	Yes	No	Unsure	Factor A. (Improvement)	B. (Prevented improvement)
SP45	✓			Social activities, TV, Internet	Friends are from the same country. Living with students from same country.
SP46	✓			Making friends with local students, Assignments and readings.	Teachers and native speakers speak too fast.
SP47			✓	Group discussions, English environment	Too many International students.
SP48			✓	No comment recorded.	No comment recorded.
SP49			✓	Lecture, group assignments.	Culture gap, poor English which limits the participation in Western life.
SP50	✓			Assignments, pressure.	Friends are from the same country.
SP51	✓			Group work, English environment, Communicate with lecturers	Living with people speaking the same mother language.
SP52	✓			English environment, Daily conversation.	No comment recorded.
SP53			✓	No comment recorded.	No comment recorded.
SP54	✓			Reading, assignments.	Too many International students in my course.
SP55	✓			Homestay helped A LOT.	Too many international students
SP56	✓			Lecture, group assignments, talking with local students.	No comment recorded.
SP57	✓			Assignments, Communicate with lecturers	Friends are from the same country.
SP58	✓			Assignments, Communicate with local students.	None, try not to hang out too much with Japanese friends.
SP59		✓		No comment recorded.	Too many International students, hard to make friends with locals.
SP60	✓			Assignments, Tutorials	No comment recorded.
SP61	✓			Presentations, team assignments, research work, meeting new people	No comment recorded.
SP62	✓			Lectures, Tutorials, making local friends.	Living with people speaking the same mother language.
SP63	✓			English environment, TLU master study	Too many International students.

Section B: Question 20

Has the University required you to complete English language subjects during your course?

If 'yes',

A. What English language subject or subjects?

B. How have these subjects helped you with your English (e.g. listening and taking notes in lectures, reading, writing your assignments)?

Participant	Yes	No	Unsure	A. (Subjects)	B. (How helped?)
SP1		✓			
SP2		✓			
SP3		✓			
SP4	✓			IAP (Introduction to Academic programs)	Links IELTS and real life, increased confidence
SP5		✓			
SP6		✓			
SP7		✓			
SP8		✓			
SP9		✓			
SP10		✓			

Participant	Yes	No	Unsure	A. (Subjects)	B. (How helped)
SP11		✓			
SP12		✓			
SP13		✓			
SP14		✓			
SP15		✓			
SP16		✓			
SP17		✓			
SP18		✓			
SP19		✓			
SP20	✓			Communication for Health Science and English for General Purpose.	Yes, because forced to do well in order to get a good grade.
SP21		✓			
SP22		✓			
SP23		✓			
SP24		✓			
SP25		✓			
SP26			✓		
SP27		✓			
SP28		✓			
SP29		✓			
SP30		✓			
SP31		✓			
SP32		✓			
SP33		✓			
SP34		✓			
SP35		✓			
SP36		✓			
SP37		✓			
SP38		✓			
SP39		✓			
SP40		✓			
SP41		✓			
SP42		✓			
SP43	✓				Help with grammar for assignments; help clarify my point.
SP44		✓			
SP45		✓			
SP46		✓			
SP47		✓			
SP48		✓			
SP49		✓			
SP50	✓				
SP51		✓			
SP52		✓			
SP53		✓			
SP54		✓			
SP55		✓			
SP56		✓			
SP57		✓			
SP58		✓			
SP59		✓			
SP60		✓			
SP61		✓			
SP62		✓			
SP63		✓			

Section B: Question 21

Have you felt that you needed other English language support to cope with your course (e.g. help with your assignments)? Please explain.

Participant	Yes	No	Unsure	Comments
SP1	✓			
SP2		✓		
SP3		✓		
SP4	✓			With written assignments
SP5		✓		
SP6	✓			With speaking skills
SP7	✓			Difficulty comprehending some English expressions; writing skills.
SP8	✓			Essay writing- especially how to structure them.
SP9	✓			For group discussions
SP10	✓			Speaking and listening
SP11		✓		
SP12		✓		
SP13		✓		
SP14		✓		
SP15	✓			Grammar
SP16	✓			Expressing ideas correctly
SP17	✓			All round support
SP18	✓			Writing assignments
SP19			✓	
SP20	✓			
SP21		✓		
SP22		✓		
SP23		✓		
SP24	✓			Academic writing
SP25	✓			Grammar
SP26	✓			
SP27			✓	
SP28		✓		
SP29		✓		
SP30	✓			
SP31		✓		
SP32	✓			
SP33	✓			
SP34		✓		
SP35		✓		
SP36	✓			
SP37			✓	
SP38	✓			
SP39		✓		
SP40		✓		
SP41		✓		
SP42	✓			
SP43	✓			
SP44		✓		
SP45		✓		
SP46	✓			
SP47	✓			
SP48	✓			
SP49	✓			
SP50	✓			
SP51	✓			
SP52	✓			
SP53		✓		

Participant	Yes	No	Unsure	Comments
SP54			✓	
SP55		✓		
SP56		✓		
SP57	✓			
SP58	✓			
SP59	✓			
SP60		✓		
SP61		✓		
SP62		✓		
SP63		✓		

Section B: Question 22

**Have you been given any additional English language support during your course?
If 'yes',**

- A. Who thought this would be a good idea? (for example, a lecturer, a tutor, yourself)
- B. Where did you get the support?
- C. To what extent has this support helped you with your English?
- D. How has this support helped you with your English (e.g. listening and taking notes in lectures, reading, writing your assignments)?

Participant	Yes	No	Unsure	A (who)	B (where)	C (helped?)	D (how)
SP1		✓					
SP2		✓					
SP3		✓					
SP4	✓			Self and lecturer.	TLU	Improved grammar, punctuation, structure of written assignments.	Writing skills
SP5		✓					
SP6	✓			Self and lecturer.	TLU	For writing skills	Writing skills
SP7		✓					
SP8	✓			Self	TLU	Grammar and structuring essays	Writing skills
SP9	✓			Lecturer	Tutor from Economics faculty	Not as useful as expected	Helped with some grammatical errors in written work
SP10		✓					
SP11		✓					
SP12		✓					
SP13		✓					
SP14		✓					
SP15		✓					
SP16		✓					
SP17	✓			Self	TLU	Only checked for grammatical errors in essays	Writing skills
SP18		✓					
SP19	✓			Self and lecturer	Faculty	A lot, especially proof reading essays	Reduced stress
SP20	✓			Tutors	TLU	Correct essays but didn't learn much	Writing skills

Participant	Yes	No	Unsure	A (who)	B (where)	C (helped?)	D (how)
SP21		✓					
SP22		✓					
SP23		✓					
SP24			✓				
SP25		✓					
SP26		✓					
SP27			✓				
SP28		✓					
SP29		✓					
SP30	✓			Tutor, myself	T&L Unit, E&C Faculty		Improve writing on assignments.
SP31		✓					
SP32	✓			Myself	TLU, LLSU	A lot.	TLU- Assignment, LLSU- Pronunciation
SP33		✓					
SP34		✓					
SP35		✓					
SP36	✓			Myself	TLU, LLSU, Friends		TLU-Assignment, LLSU- evaluating language skills Friend- Speaking
SP37	✓			Myself	TLU	Basic grammar mistakes	
SP38	✓			Myself	Friends	Improve speaking skills	Easier to communicate
SP39		✓					
SP40		✓					
SP41		✓					
SP42		✓					
SP43	✓			Myself, mother, high school teacher	TLU at Faculty of Economics & Commerce	Clarification of what I wanted to say	Improve writing on assignments. Learnt more vocabulary.
SP44		✓					
SP45		✓					
SP46	✓			Myself	Post- graduate centre	Correct grammar in assignments.	I can improve my writing skills.
SP47	✓			Friend	Via email	Correct grammar in assignments.	Check my finished writing assignments only.
SP48		✓					
SP49		✓					
SP50	✓			Lecturer	LLSU	Grammar checking	Writing assignments
SP51		✓					
SP52	✓			Tutor	In the tutorial	Structure of essay and taking notes	Made improvement on listening, reading and writing. More vocab.
SP53		✓					
SP54		✓					
SP55		✓					
SP56		✓					
SP57	✓			Myself	TLU	Very helpful	Checked my assignment.

Participant	Yes	No	Unsure	A (who)	B (where)	C (helped?)	D (how)
SP58	✓			Teacher from TLU	University of Melbourne (TLU)	Very much	Checked my assignments & structure essays.
SP59		✓					
SP60		✓					
SP61			✓	Myself	TLU	Certainly helped in writing	Grammatical mistakes and writing styles.
SP62		✓					
SP63	✓			Lecturer and Myself	TLU and local friends	TLU very helpful, good to communicate with local classmates.	Mostly written assignments from TLU.

Section B: Question 23

What factors in your life outside the university have helped you improve your English or prevented you from improving your English (for example, talking to your Australian friends)?

How have these factors helped you?

Participant	Positive Factors	Negative Factors	How they have helped
SP1	Work, TV, radio, movies.		Must comprehend Australian English.
SP2		Most friends are Latin language speakers	
SP3	Australian friends		Improves spoken English and knowledge of Western culture.
SP4	Work, church sermons		Improved listening and speaking skills.
SP5	Work		Practice speaking English.
SP6	Social interactions with friends		Improved confidence in speaking.
SP7	Work		Improved speaking and listening skills.
SP8	Working, films, social interaction with Australian friends		Now use English more often.
SP9	Improved through media (TV and newspapers).	Prevented by having few Australian friends.	Mostly speaks Chinese to friends and classmates on a daily basis.
SP10	Work		Able to practice of listening and speaking skills.
SP11	None		
SP12	Social interactions		Improved confidence and understanding.
SP13	Social interactions and work	Learning colloquial English may negatively affect essay writing skills	Improved speaking skills.
SP14	Speaking to native speakers; reading textbooks etc	Increased opportunity to practice speaking and learn correct	
SP15	Social interactions	Little interaction with locals	
SP16	TV and movies		Improved listening skills; understanding Australian culture.
SP17	Reading English novels	Improvement hindered by little interaction with locals	

Participant	Positive Factors	Negative Factors	How they have helped
SP18	Improved by watching TV and Australian friends	More Chinese friends than local	TV - learn useful expressions and improve listening skills; interaction with locals helps speaking skills.
SP19	Real life social interactions		
SP20	Social interactions		
SP21	Most friends converse in English		Use English more often.
SP22	Living with family has prevented improvement in English	Little time to spend with Australian friends because of family expectations.	
SP23	Media, talking to Australian friends		Improves vocabulary.
SP24	Social interactions, films, reading.		Books were most helpful.
SP25		Living with friends from same country	Always use home language.
SP26	Work		
SP27	TV, Radio, Newspaper, talking with local friends	Reluctancy of friends to use English	
SP28	Work		Conversing with locals improved spoken and listening skills.
SP29	Work, Talking with local friends		Conversing with locals improved spoken English.
SP30	Work		
SP31	Talking with local friends. Daily conversation, chatting online.		Conversing with locals improved spoken English.
SP32	Participating in events (Commonwealth Games, Red Cross)	Too shy to talk with others.	
SP33	Work, Talking with local friends and meeting people through work.		
SP34	Work		Makes you speak English and learn how the locals express themselves.
SP35	Had to arrange living arrangements while moving here.		Improved speaking and listening.
SP36	Reading news, watching TV, talking to local friends.		
SP37	Reading newspapers		Encouraging
SP38	Talking with local friends.		Learn how locals express themselves, enlarge vocabulary.
SP39	Work		Talking with local people.
SP40	Talking to others, English Media (TV, Internet)		
SP41	Make local friends, Work		Conversing with locals (colleagues) improved spoken and listening skills.
SP42	Watch movies and chat foreigners.		
SP43	Talking with local friends at work and church. Watch TV.	Talking with friends from same country.	
SP44	Books, television, high school subject, peers. Constant conversations, Media, English environment.		
SP45	Social activities	Living and communicating with Vietnamese.	

Participant	Positive Factors	Negative Factors	How they have helped
SP46	I learn new words and new ways of expression in everyday conversation.	The native speaker uses a lot of slang.	
SP47	Watch TV and read newspapers. Communicate with locals.		Familiar with social languages and accents.
SP48	Speaking in English with room mate.	Talking with friends from same country.	
SP49	I had 2 friends from USA. Talking with local people.		
SP50	Foreigner friends at work.	Talking with friends from same country.	
SP51		Due to different cultures, hard to make friends with locals.	
SP52	Talking with local friends.		More fluent speaking.
SP53	Talking with local friends.		Improved speaking skills.
SP54	Talking with local friends, watching TV and reading novels.		Improved speaking, reading and listening.
SP55	Homestay and local friends.		Improved speaking and listening.
SP56	Talking with local people, work.		It helps me.
SP57	Work.		Communicating with customers, improved listening and speaking.
SP58	Make local friends		Gives me opportunity to speak English and communicate with Australians.
SP59	Participate in social activities.		Communicate with locals helps improve listening and oral English.
SP60	Talking with local friends.		Improved spoken English, advice for subjects and assignments.
SP61	Finding friends and people on day-to-day basis.		They have helped.
SP62	Work.		Improve presentation skills.
SP63	Local friends help.		Local friends help a lot with speaking and really fun.

SECTION C: In this section we would like you to add any additional comments you have about the issues covered in this questionnaire.

Please make further comments on matters relating to your English language abilities, your IELTS results and success in your studies.

Participant	Comments
SP1	Immersion in social English, language support services at Uni.
SP2	IELTS not difficult. Challenges are speaking fluently when public speaking.
SP3	TV, radio, reading, living in an English speaking country.
SP4	IELTS is a good test but does not guarantee success in studies.
SP5	Study and work improves English skills continuously.
SP6	No comment recorded.
SP7	Can understand academic texts but has difficulty with TV and newspapers.
SP8	No comment recorded.
SP9	No comment recorded.
SP10	No comment recorded.
SP11	No comment recorded.

Participant	Comments
SP12	A better command of English would assist in subjects that require a lot of writing and presenting.
SP13	English abilities aren't always useful in law degree, especially when reading legal judgements.
SP14	No comment recorded.
SP15	IELTS useful for understanding the standard of English required by students.
SP16	Doesn't remember as many English words as he did in China because of less chance to practice. Spelling abilities have worsened.
SP17	No comment recorded.
SP18	It would improve her English standards if he could think in English.
SP19	No comment recorded.
SP20	No comment recorded.
SP21	Confident about ability to succeed in IELTS test.
SP22	Economics assignments don't require a high level of English proficiency.
SP23	No comment recorded.
SP24	Essay writing is difficult. Was not taught in previous education.
SP25	A lot of new words learned during study, but difficult to spell due to assistance from computers.
SP26	Not confident about IELTS but did well. Speaking improved while staying here.
SP27	Compulsory English speaking environment and understanding culture.
SP28	No comment recorded.
SP29	More confident, enjoy speaking and definitely improved. Could get higher IELTS score.
SP30	Daily use of English and reading newspapers more flexible than what is covered by IELTS.
SP31	Overall English language abilities are okay. IELTS result is good & studies fine.
SP32	No comment recorded.
SP33	Still have to improve my English, working is crucial to learn culture & English. English speaking environment.
SP34	No comment recorded.
SP35	University helped improve English, also by living here, it is improving daily
SP36	Continuous learning & practising improves English- leads to success in studies & life in Australia.
SP37	No comment recorded.
SP38	Associations should be organised to connect International students with locals to improve speaking skills.
SP39	Different reading & writing habits prevent International Students from doing even better in their studies.
SP40	IELTS is a good indication of how well a student is prepared. A band of 7+ would make studying in English speaking country
SP41	IELTS does not reflect my good speaking skills and ability. People just memorize all possible topics & do the test.
SP42	Movies- Learnt how to express myself & improve listening skills. Also talking online helps improve daily English.
SP43	Writing is my strongest out of the 4 components. My studies benefit from this. I can speak well but sometimes there is nothing to say. I didn't speak well in IELTS but it wasn't too bad.
SP44	No comment recorded.
SP45	No comment recorded.

Participant	Comments
SP46	No comment recorded.
SP47	No comment recorded.
SP48	No comment recorded.
SP49	Found Melb. Uni Private helpful when I just arrived in Aus. To be taught with English speakers is good.
SP50	IELTS results made me feel more confident, but it was different while actually studying here. I felt I had to push myself harder just to pass.
SP51	Find it hard to improve spoken English. Writing part in IELTS seems subjective, affected by some books which teach how to write.
SP52	Working helps improve speaking because you always need to communicate with clients in English.
SP53	No comment recorded.
SP54	English- Could be better if I read more newspapers; Studies- Further improvement needed.
SP55	Major improvement on speaking & listening. Not much on writing. Studies have been successful.
SP56	More confident in using English, as I force myself to use English for everything.
SP57	No comment recorded.
SP58	IELTS better than TOEFL since IELTS has speaking test. Every language test should have speaking test as it's the most important measure of skill.
SP59	I got 7 in IELTS which is good in China but still found it hard to use English here.
SP60	My friends helped a lot in study and life in Australia. I felt my English skills were good enough at the start of my course.
SP61	No comment recorded.
SP62	Language exchange program is a good idea, if you have time.
SP63	We might need more online help from TLU. Their seminars always conflicting with work/study time.

APPENDIX 7: STUDENT INTERVIEW SUMMARIES

Student Interview 1

Time	Content/Topic	Response/Issues raised
5:23	Reason why large number of International students are studying in the Faculty of Economics and Commerce.	<i>Huge economic development in China and compared to UK and America, Australian currency is better and it's cheaper to live here. (SP9)</i> <i>Higher praise for the western economic system. (SP7)</i>
7:25	Why University of Melbourne?	<i>Reputation, it's famous, placed quite high on international ranking system. (SP9)</i>
8:56	Improving English a goal when coming to Australia?	<i>No, lived in city with students from same country. Australians are friendly but hard to mingle with. (SP7)</i> <i>Improving English was the first goal. (SP9)</i>
12:45	Ways to improve English.	<i>Watch SBS/ABC news. Other news channels speak too fast. (SP7)</i>
13:00	Advantages of studying at this University?	<i>Reputation. (SP9)</i> <i>Facilities are great and just main feeling of being here. (SP7)</i>
16:00	Comment on need to improve English to be successful in studies.	<i>Improvements on reading and listening help with getting through textbooks. (SP9)</i> <i>Depends on the teaching ability of the lecturer. (SP7)</i> <i>When I study with friends for exams, despite lack of revision, their English is better so they get higher marks. (SP9)</i> <i>Worry about marks but not much about English skills. (SP7)</i>
22:00	English development and employment benefits.	<i>Yes, some firms prefer native speakers/better English speakers. (SP9)</i> <i>Good for multi-national businesses. (SP7)</i>
25:40	Social and academic English.	<i>Academic is hard at the start, but social is harder when starting a job. (SP9)</i> <i>Academic is harder when you have to write a thesis and paraphrase. (SP7)</i>
29:30	Developing academic English.	<i>Writing. The university doesn't help much as they want your own opinion. TLU can only correct grammar and not structure. (SP9)</i> <i>Writing. It's hard to explore a question more and give more detail. (SP7)</i>
33:20	Ways students improve their English.	<i>Try not to call home too often. Also travelled a lot and stayed in hostels with local/English speaking students. (SP9)</i> <i>Jobs. Local students as group members for assignments. (SP7)</i>
38:00	Reasons for taking part in the test.	<i>To see improvement in English and for permanent residency. (SP9)</i> <i>Previous IELTS expired. (SP7)</i>
39:30	Comment on IELTS.	<i>Showed only a 0.5 improvement, which was not a true reflection on English ability. (SP9)</i> <i>Was relaxed going in and expected the mark achieved. (SP7)</i>
42:00	Other usefulness of IELTS.	<i>Employment. (SP9)</i> <i>Continue study. American universities accept IELTS too. It's good if you don't have to pay. (SP7)</i>
45:30	Other comments.	<i>Most students are too busy to do an 'end of degree' IELTS test.</i> <i>Speaking for only one topic doesn't test your ability at all. (SP9)</i>

Student Interview 2

Time	Content/Topic	Response/Issues raised
1:28	Why International students choose to study at Melbourne University.	<i>Reputation and proximity of the campus. Intensive marking in South Marketing also helped. (SP1)</i>
3:24		<i>Popularity of the course (Master of Applied Commerce in Accounting) and most importantly permanent residency (China). Reputation of the University. (SP14)</i> <i>Gain more experience at a quality university. (SP1)</i>
6:00		<i>Good on resume and helps secure employment later. Melbourne is also well-known. (SP1)</i>
7:00	Importance of English language development.	<i>English skills far from enough despite doing well in IELTS. (SP14)</i> <i>Concerned about language proficiency so took up another English subject. Found the accent hard to get used to. (SP1)</i>
12:30	Strategies to improve English.	<i>TLU help, no job as it would obstruct studies (SP1)</i> <i>Listening to radio and watching television (SP14)</i>
15:00	Is reading, writing or speaking the most difficult?	<i>Speaking, barely speak at all during University life (SP1)</i> <i>Only oral presentations but that is all rehearsed so not really speaking (SP14)</i>
18:00	International student support services.	<i>Speaking would be good in a natural environment. University services were helpful- TLU great with grammar problems. (SP1)</i> <i>Never used it as I'm used to doing everything myself (SP14)</i>
21:20	English skills and future employment.	<i>Most job interviews in China will be conducted in English and may look at IELTS mark. (SP14)</i> <i>Important for students doing business studies overseas so they can cross the conversation barrier. (SP1)</i>
24:20	Reason for taking part in IELTS.	<i>I have to apply for permanent residency (SP14).</i> <i>Last IELTS expired in 2004, boost work opportunities, see if I improved. (SP1)</i>
25:20	Reflections on IELTS.	<i>I thought my IELTS would improve, but not surprised in any of the 4 areas (SP14).</i> <i>I wasn't sure I would improve but I was surprised I did so well (SP1).</i>
26:15	Preparation for IELTS.	<i>Studied with professor for 3 months, but day of test nervous because lack of study (SP1)</i> <i>This time I took it easy as you only need a score of 6 for PR. (SP14)</i>
29:20	View on IELTS.	<i>Better than TOFL as that is multiple choice questions and with this you have to understand it. True or False questions are also tricky. (SP14)</i>
30:15		<i>Good test overall but can't measure real language knowledge under pressure. Also poor quality of listening tapes and machines can affect your performance. I think TOFL is better overall. (SP1)</i>
32:20	Opinions on an IELTS test at the end of a degree.	<i>If it's not necessary, they won't like it. (SP14)</i> <i>Only good for PR and employment purposes. (SP1)</i>
35:00	How would you feel if you didn't improve?	<i>I would wonder what I was doing for 2 years. Vocabulary was hard on one part of the test but I would want to know why I did badly, if it was circumstance or my English. (SP14)</i>
40:00	Other comments?	<i>I felt happy that I did well in IELTS and it makes you reflect on your language experience here however there is always room for improvement to be competent in a language. Lecturers should interact more at Postgraduate level, which makes students not want to respond. (SP1)</i> <i>I was happy that I did well but I still think it's not enough. I will always push myself. (SP14)</i>

Student Interview 3

Time	Content/Topic	Response/Issues raised
1:00	Why international students are choosing to study at Melbourne University.	<i>Famous university and easier to adapt in a multi-cultural country. (SP46)</i> <i>Cost of study not as high as other developed countries (UK/USA) but quality the same. (SP45)</i> <i>Permanent residency, beautiful country so can travel during the course. (SP51)</i>
5:25	Reasons for taking part in the test.	<i>Check level of study. (SP46)</i> <i>It's free, and I can check to see my English skills. (SP45)</i>
7:40	Comparing feelings from the first test to the second.	<i>Prepared a long time for the first, and no preparation for the second. Ran out of time, which led to a small drop in writing mark. (SP46)</i> <i>No time to prepare for this one. Listening was more difficult but reading was easier. (SP51)</i> <i>Had 2-3 weeks to prepare for the first, and 2-3 days for the second. All results improved but speaking which was surprising. (SP45)</i>
13:00	Test results reflecting your ability.	<i>No, was nervous and had nothing to say, as opposed to not being able to say anything. (SP51)</i>
17:00	Factors that have helped improve and/or worsen your English.	<i>Radio, buying goods from shops. Living with someone who speaks the same language as you and too many International students in the course. (SP51)</i> <i>Talking to locals at work helps improve speaking and doing assignments and reading newspapers help writing and reading. (SP45)</i>
23:30	Ways you might have improved English upon first coming to Australia.	<i>Doing group assignments with all nationalities, not just locals as they have heavy accents. (SP51)</i> <i>Thought I could mingle with everyone but the locals group together as there is an advantage. (SP45)</i>
28:30	University support services	<i>Used TLU however not convenient having to book a week in advance. Also 30 minutes per session is not enough. (SP51)</i> <i>Attended 2 short courses on grammar and critical thinking, but didn't help much. (SP46)</i>
34:30	Other international students sharing same experiences in terms of improving English.	<i>Working experience is the best way to learn English. Some students live with people speaking the same language so it's very hard. (SP51)</i> <i>Depends on your ability to study English and socialise with locals. (SP46)</i>
40:00	Significant moments in English development.	<i>A friend said 'You can't speak English', as a joke but then that made me want to improve. (SP45)</i> <i>Comfortable working with group members from other countries. (SP51)</i>
44:00	Improving skills	<i>Read and write a lot. You have to do it; it's not about improvement. (SP45)</i> <i>You can learn words by reading but hard to come up with the words when talking to someone. (SP51)</i> <i>Writing and reading you can do yourself, but listening, radio can help but better with a real person. (SP46)</i>
50:40	Employment benefits.	<i>Academic results are enough. (SP46)</i> <i>Both would be great, as it would give a clear idea on level of English. (SP51)</i>
53:40	Difference with social and academic English.	<i>Academic much better. Easier to learn than speaking. (SP45)</i> <i>Tutors don't talk to you so it's more like a lecture. Academic English is easier. (SP46)</i>
58:00	Advice to other International students?	<i>Homestay. (SP51)</i> <i>Make friends with locals or other International students. (SP45)</i>
1:00:00	Other comments.	<i>Organise informal speaking groups. Tutors should also pick mixed study groups for assignments. (SP45)</i>

Student Interview 4

Time	Content/Topic	Response/Issues raised
0:49	Reasons behind taking part in the study.	<i>See my progress over the 3 years (SP55) Have proof that English has improved over the year (SP47)</i>
3:45	Reflections on the IELTS test.	<i>I think it reflected my abilities. I read a lot so my reading mark improved and listening too. Very confident, didn't study too much and still felt it was relatively easy. (SP47) I was relaxed and doing it for fun. (SP55)</i>
5:30	Opinions on the test	<i>Listening and speaking- Spoke in a British/American accent, which made it easier as it was more familiar. They spoke slower and repeated things, which also helped. Listening part was easy as well. (SP47) Listening via tape recorder was hard but when you are accustomed to listening from a person it gets easier. (SP55) Writing- Topic specific- had a topic that was very familiar and part of real life so I could elaborate more. (SP55) Was surprised the writing mark was lower than previously. This maybe due to inexperience in describing diagrams in a concise manner. Mainly wrote debates and arguments at university. (SP47) Reading- Tougher especially the vocabulary. (SP55) Easier as I've learnt to skim and absorb information. (SP47)</i>
12:30	Employment benefits.	<i>It's great to put down you've achieved a high IELTS result. (SP55) Better than nothing but I don't think it's a good reflection on your English ability. (SP47)</i>
14:30	Is IELTS a true reflection on English ability?	<i>No, you can prepare topics and sound fluent in that topic but nothing else. (SP47)</i>
17:00	Ways in which you thought about improving your English through University?	<i>Making international friends. Also applied for several voluntary jobs (some within the University) so could communicate with staff and students. (SP47) Stayed with a host family and did an elective Arts subject in communicative skills as Commerce subjects do not require too much English knowledge. (SP55)</i>
23:00	Other student's experiences with English language development.	<i>Even if you can't find Australian friends, we try talking to other International students and it's better than nothing. You don't need good English skills to pass University. If you just learn things by heart, work hard and study lecture notes, you can pass without being very good at English. (SP55) My friend has been in Australia for 4 years, lives and interacts only with people from the same country. Not really required to use much English in a Maths based course so his English skills are very poor. (SP47)</i>
33:30	Academic and social English.	<i>Stronger with social English. Barely wrote any essays during my course. Before coming to Australia, would have thought academic English was better. If you talk to people about current affairs, you would have to read about it first in the newspaper so that helps your reading skills. (SP55) Better academically. No problem writing a 1000 word essay overnight but would feel nervous with an interview. Talk to other student and get ideas so if you write an essay you will have different points of views. (SP47)</i>
37:30	Advice to other new International students with improving English.	<i>Get a job, do assignments with local or other International students. (SP47) Get out of your comfort zone and don't stay with people from the same area. (SP55)</i>

Student Interview 5

Time	Content/Topic	Response/Issues raised
0:52	Reasons for taking part in this study.	<i>Permanent residency. (SP29)</i> <i>Previous IELTS expired. Wanted to see progress in English. (SP37)</i> <i>Had to extend visa due to a change in course length. (SP29)</i>
3:40	Feelings about the latest IELTS result.	<i>Satisfied in result except for writing. Results depend on topics given. Eg. Advertisements, but doesn't watch much TV. (SP29)</i> <i>Applied for a re-mark on writing. (SP29)</i> <i>Study here helped a lot with reading. Improved to get an 8. (SP37)</i> <i>Just improved in listening as that is all you need to do in lectures and when talking to foreigners. (SP37)</i>
9:50	IELTS useful for employers?	<i>Yes it's a good way to show employers your ability to speak the language and work here. (SP37)</i> <i>Only as a reference. They should test you in the interview too. (SP37)</i> <i>Most employers wouldn't believe the result unless they heard you. (SP29)</i>
14:00	Demonstrating skills in IELTS.	<p><i>Speaking-</i> <i>Being confident and directing conversation to your own interests. (SP37)</i> <i>Speak more but accurately. IELTS can be a good test depending on the topic. (SP29)</i> <i>Structure is important. Talking continually with little interest won't get you a high mark. (SP37)</i></p> <p><i>Listening-</i> <i>Listening was the easiest as it is a daily skill. (SP29)</i> <i>No structure or your own ideas needed. (SP37)</i> <i>Picking up simple key words and answering. Only a low skill in English needed. (SP37)</i> <i>Not the easiest part as you could easily miss information. (SP29)</i></p> <p><i>Reading-</i> <i>Important to use time efficiently. (SP29)</i> <i>Found the first test hard but after studying here and improving reading skills, learnt to skim read which helped. (SP37)</i> <i>Trouble judging true or false questions. (SP29)</i></p> <p><i>Writing-</i> <i>Must be structured and argumentative. Task 1- Graphing, had to refresh memory on terms like 'increase' and 'decrease.' Topic was relevant to everyday life so was easier. (SP37)</i> <i>Did badly in writing due to simple grammar mistakes. (SP37)</i> <i>In China, there was a focus on using more beautiful words eg. 'therefore' instead of 'so'. You need to use more logic here. (SP29)</i></p>
30:44	Other usefulness of IELTS.	<i>Good compared to TOFL. IELTS focuses more on useful skills. (SP37)</i> <i>In China, English is all about vocabulary and grammar. IELTS is more an education of English and how to apply it. (SP29)</i>
32:30	Ways to improve English before coming here.	<i>Get a job in an English speaking environment and go to church. (SP29)</i> <i>Be open and active. Join clubs and go to orientation camps. Found mentors and professors helpful. (SP37)</i> <i>The programs at the 'Teaching and Learning unit' are helpful. Also counselling services on social confidence. (SP29)</i> <i>Went to Teaching and Learning unit often to get assignments checked. (SP37)</i>

Student Interview 5 continued...

Time	Content/Topic	Response/Issues raised
41:00	Significant moments in English development.	<i>Was asked to get something at work and returned with the wrong item. Bike had been stolen so also had to learn how to file a report. (SP29)</i> <i>Caught a virus and had to learn medical words to apply for a special consideration. (SP37)</i> <i>Learning more colloquial and slang terms so can understand jokes more. (SP372)</i>
48:30	Easier to complete assignments as course progressed?	<i>Definitely in time and quality. (SP37)</i> <i>Improved in arguments, logic and providing examples. (SP29)</i> <i>Better understanding of tasks required. (SP37)</i>
53:00	Social and academic English.	<i>Academic English better than friends but worse than classmates. (SP29)</i> <i>Can improve academic English by yourself, but not social. (SP37)</i> <i>Academic English is better as you can reuse what the lecturer says in your essay but not for speaking. (SP37)</i>
58:00	Advice to other new International students with improving English.	<i>Be open and active, get a mentor to help with the academic side and join clubs to enlarge your social circle. (SP37)</i> <i>Do counselling services, volunteer and find a job. (SP29)</i>

Student Interview 6

Time	Content/Topic	Response/Issues raised
0:02	Reasons for taking part in this study.	<i>Wanted to see progress in English. (SP48)</i> <i>Permanent residency. (SP53)</i>
1:15	Feelings on latest IELTS result	<i>Surprised, everything improved. (SP53)</i> <i>Overall same result, with improvements in speaking and writing, Thought listening would improve but went down by 1.0. (SP48)</i>
3:15	Results accurately affect your improvement?	<i>Satisfied with writing and speaking mark but thought could do much better in reading. May have done better with more preparation. (SP48)</i> <i>Results were better but did a few sample questions as preparation. Also wrote concisely instead of long, elaborate answers, which may have helped. (SP53)</i>
7:40	IELTS test social or academic English?	<i>Social English, no class related topics. (SP48)</i> <i>Social, more general. Different from essay writing, so there's no structure. (SP53)</i>
12:20	Outside University or inside factors that helped with IELTS?	<i>Most important part is social communication. (SP48)</i> <i>Both. Speaking and reading with native speakers helps with the test and reading materials in University as well. (SP53)</i>
13:30	IELTS showing language skills.	<i>It's not enough. Employers should definitely conduct an interview. (SP48)</i> <i>Could be useful to provide a benchmark for employers. (SP53)</i>
17:00	What has helped improve and hinder your English?	<i>Try use English and don't live with students from the same country. (SP48)</i> <i>All friends are English speakers so used to speaking it with friends. (SP53)</i>
21:30	Your experience typical with other students.	<i>Groups of friends from same country (China) speak very little English and struggle throughout the course. (SP48)</i> <i>Not really any problems with Malaysian friends but friends from Mauritius and Vietnam may have problems with pronunciation. (SP53)</i>
24:40	Significant moments in English language development.	<i>Used English to work in China for 2 years, but was unfamiliar with vocabulary eg. Names of vegetables. After travelling in Australia, felt more confident and learnt more everyday terms. (SP48)</i> <i>Took a week to write an essay but now only 2 days. (SP53)</i>

Student Interview 6 continued...

Time	Content/Topic	Response/Issues raised
30:30	Are your skills higher in social or academic English?	<i>Academic. I use words that wouldn't be used socially. (SP53)</i> <i>Academic. Eg. Easier reading textbook than newspaper. (SP48)</i>
33:19	Any tips to new international students?	<i>Don't be afraid to talk to Australians. (SP53)</i> <i>Use English as much as possible. (SP48)</i>

Student Interview 7

Time	Content/Topic	Response/Issues raised
0:50	Reasons for taking part in the test.	<i>Permanent residency. (SP33)</i> <i>Too see if level of English had improved. (SP57)</i>
1:30	Test results reflecting your ability.	<i>Overall happy but not with speaking score. There is an element of listening in the speaking part; despite improving in speaking they gave a very low mark. (SP57)</i> <i>Not happy as overall mark went down which is not a true reflection of English level. Did not prepare as much and believes if she did, she would have achieved a higher result. (SP33)</i>
5:40	Employers using IELTS to determine English language skills.	<i>Great idea, include all the components (reading, writing, listening, speaking) (SP57)</i> <i>Shouldn't be the only way. (SP33)</i>
7:30	IELTS testing academic or social English.	<i>Reading and writing is more academic, while speaking and listening is social. (SP33)</i>
9:30	Ways to improve English skills.	<i>Assignments and going through the process of structuring it. (SP57)</i> <i>Working environment is important when you're surrounded by locals and forced to communicate. Helps with academic English as you learn to speak to your lecturers more. Confidence in social speaking means you can take that confidence to University and ask more questions. (SP33)</i>
14:40	Using student services (TLU/LLSU).	<i>No, mostly group assignments and most of the time groups have native speakers, so not needed. (SP33)</i> <i>Did assignments last minute, so couldn't benefit from it weeks before the due date. (SP57)</i>
18:25	Finding jobs with local speakers.	<i>No, rarely. (SP33)</i> <i>Purpose is money, not much communication. (SP57)</i>
19:30	Significant moments in English development.	<i>Understood a joke the lecturer said whilst Chinese friends didn't. (SP33)</i> <i>Host in orientation. (SP33)</i>
22:20	Other students with English difficulties?	<i>Had a Chinese classmate who's English was poor and she dropped out due to that. She was smart and had good ideas but was not confident with speaking. (SP57)</i> <i>Friends live together and speak Mandarin all the time so it becomes difficult to learn English. (SP33)</i>
24:45	Was it easier to do assignments with English improving?	<i>Yes, could understand what was required. (SP57)</i> <i>Initially doing group work was hard and we had to meet up everyday. Now we meet up once and go off to do our own parts. (SP33)</i>
27:40	Before coming to Australia was your English more academic or social?	<i>Academic stronger than social. Now level is the same. When social becomes better, you can communicate with your group and express more ideas. (SP33)</i> <i>Prior study (Information Technology) required minimal academic English so hard to distinguish the two. (SP57)</i>
31:20	Advice to new International students.	<i>Work with local students, watch TV and listen to radio. (SP33)</i> <i>Make an effort to talk to students and the lecturer instead of emailing. (SP57)</i>

Student Interview 8

Time	Content/Topic	Response/Issues raised
0:45	Reasons for taking part in the study.	<i>Check level of English. (SP43)</i> <i>IELTS expired. (SP31)</i>
1:40	Reasons for doing IELTS.	<i>Permanent residency (SP31)</i> <i>To help friends and check to see what was on the test. (SP38)</i> <i>To see improvement in English and for future employment. (SP26)</i>
3:30	Feelings on your latest IELTS result.	<i>Within expectation. Improvement by 0.5 points overall. (SP31)</i> <i>Satisfied with a 7.5. Didn't prepare for test but was nervous going in. (SP26)</i> <i>Improved in listening and reading but overall got the same result. Was busy and didn't prepare much. (SP38)</i>
7:10	Do results reflect accurately on improvement?	<i>Should have received a higher score for speaking, but instead got a higher result in reading which balanced the score out. (SP43)</i> <i>Was nervous, made mistakes and expected the results. (SP26)</i> <i>Received same mark as first test but did not study for the most recent one. Probably a true reflection of English ability. (SP38)</i> <i>Disappointed as close friends received a higher mark. (SP31)</i>
11:20	Factors that have helped improve English at the beginning of course.	<i>Competing with friend and speaking English. (SP31)</i> <i>No environment to practice English so is forced to read newspapers and watch the news. (SP38)</i> <i>University improves listening skills but reading, writing and speaking is more from an outside environment. (SP26)</i> <i>Writing and reading skills improve with university assignments.</i> <i>Listening skills improve a bit at university but speaking is mostly outside class. (SP43)</i>
17:30	Use of the Teaching and Learning Unit.	<i>No use as understood all assignment requirements. (SP31)</i> <i>Received helpful feedback mainly in writing and vocabulary. Would go see TLU once in a while but not every single assignment. (SP43)</i> <i>Used it once in 1st year for structuring and grammar. No time to make further appointments. (SP26)</i>
20:00	Experience typical with other International students?	<i>Majority of Chinese students have speaking difficulties, just depends whether they choose to use homestay, make local friends etc. (SP38)</i> <i>Some students don't care if they improve their English or not. Most will actively seek out help or go to TLU if need be. (SP43)</i> <i>Sister prefers to speak Chinese and people can tell the difference in the level of English. (SP26)</i>
24:30	Significant moments in English development.	<i>Realisation that they had to adapt to the community so decided to homestay. (SP26)</i> <i>During a job interview, they found it hard to express themselves as well as local students so realised they would really have to improve. (SP38)</i>
29:10	Is the IELTS test more social or academic?	<i>Reading and writing is more academic, but listening and speaking is more social. (SP31)</i>
32:55	Benefits of social skills on academic study.	<i>Wanted to live in Australia for a long time, so gaining experience and making friends is important. (SP38)</i> <i>Dealing with people is sometimes more important than work itself. (SP43)</i>
37:50	Employers using IELTS to choose candidates.	<i>Not the only factor in determining English skills. (SP43)</i> <i>Depends on the country. In China, you use IELTS to compare to other people but in an English speaking country, the skills are more important. (SP38)</i> <i>Face-to-face interview more important. (SP31)</i>
42:15	Advice to new International students in improving their English?	<i>Consult TLU. Don't just talk to people from same background. (SP31)</i> <i>Build up confidence by speaking to other International students from a different background, then by talking to locals. If you see a word you don't know, go straight to the dictionary. (SP26)</i> <i>Watch TV and read newspapers so you know what's going on. (SP38)</i>

APPENDIX 8: STAFF INTERVIEW SUMMARIES

Staff Interview 1

Time	Content/Topic	Response/Issues raised
1:00	Teaching background.	<i>18 yrs teaching at tertiary level. 4.5 years at Melbourne Uni as a disciplinary lecturer in Philosophy. Almost exclusively see postgraduate students. International students are mostly in accounting management. (TLUP1)</i> <i>20 yrs at tertiary level. Teaches introductory microeconomics, Economic history and Economic design. Taught a variety of subjects from 4th year to honours level. (DP1)</i>
3:20	Reactions to results. (62% of students did not improve in writing, 41% did not improve in listening and 35% in reading, 10% in speaking and 32% actually didn't improve in overall score.)	<i>Not surprising. Most International students generally have a good knowledge of English but a bit disappointing that 60% didn't improve in writing. Not sure of the nature of the test but students will speak more and writing is more just for academic purposes so not surprising that you get a bigger improvement with speaking and listening. (DP1)</i> <i>My sample is biased as every student that comes to me needs help but one would expect they'd get better over the course of their degree. Might be a intermediate plateau when you start learning a language fast then you get to a point where it flattens out. Some do group work and get masked by better members and others tend to hang around with people who speak the same language. Not surprised by the 10% that didn't improve in speaking because the IELTS speaking component is a lot easier than the writing components and quite predictable. (TLUP1)</i>
13:30	Do you think that students who come to the University, there is an expectation that they'd be actually leaving with, say their English language skills for writing, higher than when they entered? Is that a fair expectation?	<i>Yes, absolutely. (TLUP1)</i> <i>Should be developing skills of all students and would have hoped we admit international students who sort of have a baseline level of communication skills. (DP1)</i>
14:40	Class composition	<i>Some are composed of 100% students from China, how can we expect them to improve? (TLUP1)</i> <i>Better in undergraduate level with integration and a socialization tutorial to help students (DP1)</i>
17:00	Personal and social factors that impact on student's improvement.	<i>If living with a homestay family obviously their English will improve a lot. Working with the community and joining clubs can help English literacy. (TLUP1)</i> <i>Factors out of their control would be assessments in subjects. Management students would do more writing than accounting. (DP1)</i>
19:15	Attitudes of staff and local students towards International students.	<i>Patchy across faculty. In postgraduate level, there is poor interaction between local and International students. (TLUP1)</i> <i>The responses from the student experience questionnaires suggest local students are annoyed they have to be an editor in group assignments. (DP1)</i>
22:56	How important do you think English is to employers?	<i>Highly crucial. The survey with Graduate Careers Australia had a large sample of employers and all valued good oral and written communication. Academic excellence and work experience was way down the list. (TLUP1)</i>

Staff Interview 2

Time	Content/Topic	Response/Issues raised
2:30	Teaching background.	<p><i>15 years teaching, 10 at Deakin and 5 at Melbourne. Discipline area is financial accounting. (DP2)</i></p> <p><i>10 years at Melbourne teaching the 2nd year intermediate micro. Quite a large number of them are International students as it used to be a core subject. (DP3)</i></p>
8:09	Your reaction to the IELTS results. (41% didn't improve in listening, 62% didn't improve in writing)	<p><i>Teaching 2nd and 3rd year Environmental Economics, the 2nd year students lack confidence but the 3rd year students are more mature. (DP3)</i></p> <p><i>Writing is a skill that's least tested in raw fashion. If I ask you to write something, you have a week or two to do it and that will be conditioned by your group network and computer spell checker. (DP2)</i></p>
14:55	Is part of the function of a degree to improve student's language skills?	<p><i>It does in a different way. We have the TLU...we should have a better screening system so we let through good students. (DP3)</i></p> <p><i>We provide the opportunity for them to learn, and motivate them to do it and I suspect the English part of it will naturally develop. (DP2)</i></p>
19:30	Educational, personal or social factors that influence whether or not students improve their English.	<p><i>Educational and social tend to merge together. But it depends how much they are motivated to learn the language. They would have to do drafts, gain feedback from staff and read more widely. (DP2)</i></p> <p><i>Living arrangements. If you had poor English skills and you started off in an apartment with Australians, that's the pain you have to go into to help improve your skills. (DP3)</i></p>
25:58	The university improving English for employment.	<p><i>It's the generic objectives in degrees. The academic objectives are embedded in the course, which would be pitched towards employers. Most don't like to do group work yet when they go to work they'll be put in a group situation. (DP3)</i></p> <p><i>If I were an employer with good marks sitting in front of me and they had trouble stringing a sentence, they wouldn't get an interview. For instance some accounting firms are hiring half majors in Economics and Engineering because of their generic skills and they articulate well. (DP2)</i></p>

Staff Interview 3

Time	Content/Topic	Response/Issues raised
1:00	Teaching background.	<p><i>Teaching full time from 1999, but was doing part time for 2 years prior in an academic skills area. Full time at TLU since 2001. Was a high school teacher teaching ESL and English for 5 years. (TLU3)</i></p> <p><i>At Melbourne University going on 5 years in the academic skills development area. Was teaching at Monash pre-entry level. (TLU2)</i></p>
2:00	Roles and duties.	<p><i>Mixture of student support and academic development. Give lectures, teach a transition program, run 'just in time' lectures which target a particular assessment or work more like teamwork. This is for all students as good teaching is for all. (TLU3)</i></p>
4:40	Percentage estimate of International students in faculty.	<p><i>50% in undergraduates. 60% in postgraduates. (TLU2)</i></p> <p><i>About 47%. (TLU3)</i></p>
5:30	Are International students more likely to go to particular strands of study and are those areas more or less linguistically demanding?	<p><i>Postgraduate level- finance and accounting. Finance is less linguistically challenging. Just a statement of figures. (TLU2)</i></p> <p><i>Undergraduate level- accounting and also actuarial studies. (TLU3)</i></p>

Staff Interview 3 continued...

Time	Content/Topic	Response/Issues raised
7:05	Do you think it's part integral to the discipline or adjustments were made to make assignments linguistically less demanding?	<i>Both. Slight adjustments in assessments with more visuals, tables and dot points. Allowing the use of listing instead of a paragraph. Sometimes academics don't think of language as any bigger than sentences and mistakes in grammar. It might not always be about language at discourse level or even how ideas are put together. (TLU2)</i> <i>Language is very important. Sometimes it's not even included in the assessment and students aren't marked down unless it's completely inaccessible. (TLU3)</i>
11:55	Your reaction to the IELTS results. (Writing was the least improved and speaking the most)	<i>It's possible to get through a degree with minimum writing. Mostly focus on content rather than the expression. Results bother me, as developing your language skills is very important. For listening, the students would be focusing on extracting specific information, not so much general conversation. For speaking they have more opportunity to do so as tutorials are changing to become more interactive. (TLU3)</i> <i>Not surprised with writing result, especially in finance and accounting. Listening for students can also be helped with slides and also streaming of lectures means they can listen to it a number of times. Most students are also getting more comfortable with speaking. Students can pass and be successful without improving their language, which is not a good thing. There is a responsibility to put in some writing or language development programs embedded within the curriculum. (TLU2)</i>
21:00	Difference between undergraduate and postgraduate thinking.	<i>Many undergraduates wonder 'why are we worrying about language, when we are doing a commerce degree?' mentality. Postgraduates are aware of the power of English in the workforce. (TLU3)</i> <i>Postgraduate students may be more mature and see the value in developing their language skills. Their attendance is high in these optional programs. (TLU2)</i>
24:00	What educational and personal factors influence whether or not students improve their English?	<i>Educational: Opportunity to improve it. Also if it's not in the marking criteria, they won't take it seriously. (TLU3)</i> <i>If undergraduates see the importance of it in later years, it would be better. If it were pushed from above and encouraged by heads of department, there would be a bigger uptake. (TLU2)</i> <i>Personal: Again its opportunities. It's too easy to mingle with students who speak your mother tongue. There is still that cultural divide. Also living arrangements. Homestay experience lets you learn about Australian Culture as well as English. (TLU3)</i> <i>Motivation. If they use all the social opportunities, excursions that are organised, social functions etc. Part-time jobs where they speak English. (TLU2)</i>