Subject Code	FH6002
Subject Title	Research Methods for Applied Language Sciences I
Credit Value	3
Level	6
Pre-requisite / Co-requisite/ Exclusion	N/A
Objectives	This subject aims to provide an overview of the key methods used for researching applied language sciences and engage you in discussing and writing about them so that you can identify, describe and evaluate the relevance of various research methods in relation to any particular piece of research. This knowledge will help you understand and evaluate the published research you read about as you study applied language sciences and will also help you with the preliminary planning for your doctoral dissertation.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a. demonstrate a sound awareness of the nature of and approaches to applied language research b. understand fundamental concepts and new developments in applied language research c. write effective literature review d. formulate appropriate research questions and design study based on the research questions e. competently evaluate and critique published research in applied language sciences f. understand general requirement of a doctoral dissertation

Subject Synopsis/ Indicative Syllabus	1. Introduction to research
	    a. What is research?
	    b. Fundamental concepts
	    c. Identifying research issues
	    d. Developing research questions
	
	2. Research design
	    a. Reading literature and writing up a literature review
	    b. Selecting research design: Qualitative, Quantitative, or Mixed Methods?
	    c. Introduction to commonly used methods: survey research, experimental research, ethnography, case study, corpus research, text- and conversation-based research.
	
	3. Data collection and research ethics
	    a. Common methods for data collection
	    b. Including an ethical dimension in the data collection process
	    c. Issues to consider in designing and conducting data collection

	4. Data analysis
	a. Essential statistics: concepts and purposes
	b. Analysis and reporting of quantitative data
	c. Analysis and reporting of qualitative data
	5. Evaluating research
	a. What makes good research: essential qualities
	b. Critiquing published research papers
Teaching/ Learning Methodology	Theory and practice will be fully integrated throughout the course. Teaching and learning will take place in interactive seminars involving teacher input interspersed with short discussion tasks, hands-on data analysis activities, and group work. The delivery of the concepts and methods of research will involve review and critique of significant research work in the field as well as case studies of language studies that have adopted a variety of research methods and designs.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
		a	b	c	d	e	f
1. In-class quiz	15%	✓	✓		✓	✓	
2. Quantitative research proposal	45%	✓	✓	✓	✓	✓	✓
3. Qualitative research proposal	40%	✓	✓	✓	✓	✓	✓
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

All assessments are designed to provide students with tasks that require the evaluation, synthesis and application of key concepts, approaches and techniques to designing and analysing studies in applied language research. Students are assessed in terms of both subject knowledge and research skills through a combination of a short in-class quiz and two research proposals (3,000 words each) that address, from a qualitative and a quantitative research perspective, a research topic that an individual student plans to work on in his/her doctoral dissertation. When merged, these two proposals are expected to prepare students for an empirical study with a mixed-methods design.

Student Study Effort Expected	Class contact:	
	• Lectures	26 hrs
	• Seminars	13 hrs
	Other student study effort:	
	• Private study	52 hrs
	• Take-home assignments	26 hrs
	Total student study effort	117 hrs
Reading List and References	Berg, B. L., & Lune, H. (2012). *Qualitative research methods for the social sciences* (8th ed.). Boston, MA: Pearson. Brown, J. D. (2001). *Using surveys in language programs.* Cambridge, UK: Cambridge University Press. Brown, J. D., & Rodgers, T. S. (2002). *Doing second language research.* Oxford, UK: Oxford University Press. Burns, A. (2010). *Doing action research in English language teaching: A guide for practitioners.* New York, NY: Routledge. Cohen, L., Manion, L., & Morrison, K. (2018). *Research methods in education* (8th ed.). New York, NY: Routledge. Creswell, J. W. (2010). *Qualitative inquiry and research design: Choosing among five approaches* (2nd ed.). Thousand Oaks, CA: SAGE. Creswell, J. W., & Creswell, J. D. (2018). *Research design: Qualitative, quantitative, and mixed methods approaches* (5th ed.). Thousand Oaks, CA: SAGE. Dörnyei, Z. (2007). *Research methods in applied linguistics.* Oxford, UK: Oxford University Press. Dörnyei, Z. (2010). *Questionnaires in second language research: Construction, administration and processing* (2nd ed.). New York, NY: Routledge. Duff, P. A. (2008). *Case study research in applied linguistics.* New York, NY: Routledge. Ellis, R., & Barkhuizen, G. (2005). *Analysing learner language.* Oxford, UK: Oxford University Press. Huck, S. W. (2008). *Reading statistics and research* (5th ed.). Boston, MA: Pearson Education. Larson-Hall, J. (2010). *A guide to doing statistics in second language research using SPSS.* New York, NY: Routledge. Mackey, A., & Gass, S. (2016). *Second language research: Methodology and design* (2nd ed.). New York, NY: Routledge. Mackey, A., & Gass, S. M. (Eds.). (2012). *Research methods in second language acquisition: A practical guide*. Malden, MA: Wiley-Blackwell. Miles, M., Huberman, M., & Saldana, J. (2014). Qualitative data analysis: A methods sourcebook (3rd ed.). Thousand Oaks, CA: SAGE. Ortega, L., Cumming, A., & Ellis, N. C. (Eds.). (2013). *Agendas for language learning research*. Malden, MA: Wiley-Blackwell.

Paltridge, B., & Phakiti, A. (Eds.). (2010). *Continuum companion to research methods in applied linguistics.* London, UK: Continuum.

Paltridge, B., & Phakiti, A. (Eds.). (2015). *Research methods in applied linguistics: A practical resource*. London, UK: Bloomsbury.

Podesva, R. J., & Sharma, D. (Eds.). (2013*). Research methods in linguistics*. Cambridge, UK: Cambridge University Press.

Saldaña, J. (2016). *The coding manual for qualitative researchers* (3rd ed.). Thousand Oaks, CA: SAGE.

Sarantakos, S. (2013). *Social research* (4th ed.). Basingstoke, UK: Palgrave Macmillan.