Contents

		Page
Abstract		iii
Acknowledgements		v
Contents		vi
List of Tables		viii
List of Figures		ix
Chapter		
1	Introduction	
	1.1 Background and Rationale	1
	1.2 Objectives	2
	1.3 Literature Review	2
	1.4 Study Design	6
2	Method	
	2.1 Data Collection	9
	2.2 Graphical and Statistical Methods	9
3	Preliminary Data Analysis	
	3.1 Distributions of variables	15
	3.2 Frequency Distributions of the Determinants	19
	3.3 Frequency Distributions of the Outcomes	23
4	Statistical Analysis	
	4.1 Factor Analysis	25
	4.2 Individual Associations between Outcomes and Student Characteristics	29
	4.3 Multiple Regression Analysis	37
5	Conclusions and Discussions	
	5.1 Conclusions	41
	5.2 Discussions	42
	5.3 Study Limitations	43
References		45

Page

Appendix 47

Questionnaire 47

Vitae 62

List of Tables

Table		Page
2.1	Factor rotation	11
3.1	Response distribution of study sample	15
3.2	Determinant variables associated with student	16
3.3	Determinant variables associated with student's advisor	16
3.4	Determinant variables associated with institute	17
3.5	Intervening variables	17
3.6	Outcome variables related to satisfaction	18
3.7	Frequency distributions of the determinant variables associated with student	19
3.8	Frequency distributions of the determinant variables associated with advisor	20
3.9	Frequency distributions of the determinants associated with student-advisor characteristics	21
3.10	Frequency distributions of the determinants associated with study facilities	21
3.11	Frequency distributions of determinant variables associated with institute	22
3.12	Frequency distributions of intervening variables (1)	22
3.13	Frequency distributions of the intervening variables (2)	23
3.14	Frequency distributions of satisfaction outcomes	24
4.1	The loadings for the first five factors	26
4.2	The loadings for the remaining six factors	27
4.3	Summary of factor analysis of satisfaction outcomes	28
4.4	P-values relating factor variables to determinants using regression analyses	29
4.5	Tests for no association between completion and student-based determinants	34

List of Figures

Figure		Page
1.1	Schematic diagram of variables of interest	8
3.1	Distribution of time for completion of degree	23
4.1	Association between *expert teacher* factor and major group	31
4.2	Association between *well known institute* factor and major group	31
4.3	Association between the *good facilities* factor and major group	32
4.4	Association between the *good facilities* factor and program	32
4.5	Association between the *good facilities* and thesis timing	33
4.6	Association between the *friendly teacher* and major group	33
4.7	Association between completion time and major group	35
4.8	Association between completion time and program	35
4.9	Association between completion time and occupational status	36
4.10	Association between completion time and English search skill	36
4.11	Association between completion time and problems (family, etc.)	37
4.12	Association between completion time and thesis timing	37
4.13	Full model of multiple regression analysis	38
4.14	Multiple regression analysis of graduates' time to completion of degree	39