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Doctoral Dissertations By Chinese Students in Great Britain and Northern Ireland, 1916-1961

By *Tung-li Yuan* (袁同禮)

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Special Supplement

Doctoral Dissertations By Chinese Students in Great Britain and Northern Ireland, 1916-1961.

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FOREWORD

Dr. T. L. Yuan, the author of this brochure, is the first person to compile a checklist of doctoral dissertations submitted by Chinese students and approved by British universities. During the last few decades these dissertations have grown increasingly in number and in diversity of subjects. The present bibliography will not only form a useful guide to Chinese younger generations seeking to know what their predecessors have achieved in academic researches abroad, but it will also serve to encourage and to emulate them. Confucius has said that "the younger generations should be regarded with awe: for who knows but that those who come after will not be equal to (or even surpass) those who live at present!" (*Lun Yü*, pt. ix, ch. 22).

Another aspect of the merit of this guide is that it demonstrates to the world that the Chinese have, by nature and tradition, an aptitude for learning not confined to their mother tongue, rich though it is, and that they are capable of contributing something to the learned world of the West, however small the offering may be.

As stated in the compiler's preface, many of the authors of these dissertations now hold positions of great responsibility in various parts of the world. This is "a source of gratification to academic circles both in Britain and in China", as the compiler modestly says, and forges an indissoluble link between the two peoples, which will not fail to deepen their mutual understanding.

Fatting T. Cheng 鄭天錫

PREFACE

This work is an attempt to provide an authoritative record of the doctoral dissertations submitted by Chinese students and approved by British universities from 1916 to 1961.

These dissertations are invaluable contributions to scholarship, though only a few of them have been published. In the present compilation interested readers will find that, even in their unpublished form, they are available for consultation and interlibrary loan. Since 1954 all British depositories grant permission for microfilm reproduction, provided that "the borrower sign a declaration that no information from an unpublished dissertation will be published without the consent of the author".

The present listing begins with the year 1916, when Dr. Fating T. Cheng received the LL.D degree from the University of London for work done at University College. From that date the number of doctorates awarded to Chinese students has risen steadily especially during the period 1936-1949; since 1949, however, there has been a marked decrease.

Three successive groups are represented among the recipients. The first group dates from 1933 to 1947, when the Board of Trustees for the Administration of British Indemnity Funds at Nanking was instrumental in sending every year a small number of highly qualified students to Britain. The second group represents the period 1945 to 1949, when the British Council awarded annually twenty post-graduate scholarships. Since 1949, both the Board and the Council terminated their scholarship awards, so that the third group consists of privately-supported students who continue to pursue advanced studies in Britain, but on a much reduced scale. Yet their completion of the requirements for the doctorate after two or three years' academic work testifies to the fine basic training received in their native universities.

The scholarly achievements of these three categories of students are impressive. The subsequent careers of these young men and women have borne out the promise shown in British universities. The fact that many of them now hold positions of great responsibility in various parts of the world is a source of gratification to academic circles both in Britain and in China.

The dissertations recorded here are grouped in two sections: (1) The humanities and social sciences; and (2) the biological, physical, and engineering sciences. In each section the entries are arranged alphabetically by author. Although every effort has been made to provide a complete list, it is possible that some names may have been overlooked. Any notice of omission will be

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deeply appreciated for insertion in a future edition.

In compiling this record, I owe a great debt to the Registrars of several universities who kindly checked and verified my findings. To Dr. Fattung T. Cheng, Chinese Ambassador to the Court of St. Jame's from 1946 to 1950, I am grateful for his continuing interest in this work and for honouring it with a foreword. Finally, I wish to express my thanks to the Universities' China Committee in London for a travel grant which enabled me to bring the work to completion. Grateful acknowledgment is due to the Editorial Board of *Chinese Culture* under whose auspices this Guide is published.

Tung-li Yuan 袁同禮

*A Guide To Doctoral Dissertations by Chinese Students
In Great Britain and Northern Ireland*

Abbreviations

BCT	Battersea College of Technology	Cantab	Cambridge
Courtauld	Courtauld Institute of Art	D. Phil.	Doctor of Philology
D. Sc.	Doctor of Science	E. Malling	East Malling Research Station
Ext.	External student	IC	Imperial College of Science and Technology
Inst. Edu.	Institute of Education	LL.D.	Doctor of Laws
KC	King's College	NIMR	National Institute for Medical Research
LSE	London School of Economics and Political Science	Ph. D.	Doctor of Philosophy
Oxhon	Oxford	SHTM	London School of Hygiene and Tropical Medicine
Rothamsted	Rothamsted Experimental Station	UC	University College
S Ph	School of Pharmacy		
SOAS	School of Oriental and African Studies		
UCHMS	University College Hospital Medical School		

Part I: The Humanities, Social and Behavioral Sciences

1. BAO, CHIAO-MING 鮑覺民 Ph.D. London (LSE), 1940.
A geographical study of China with special reference to the means of transport.
2. CHAN, DAVID TAK-YAN 陳德恩 Ph.D. Edinburgh, 1959.
The critique of Schleiermacher's theology by Emil Brunner and Karl Barth.
3. CHANG, CHUNG-LIANG 張宗良 Ph.D. London (LSE), 1937.
The English police system and its applicability to rural China.
4. CHANG, HSIN-CHANG 張心滄 Ph.D. Edinburgh, 1949.
Early Elizabeth dramatic style with particular regard to the works of George Peele.
5. CHANG, KWAI SING 鄭桂生 Ph.D. Edinburgh, 1952.
John Flavel of Dartmouth 1630- 1691.
6. CHNG, NIEN-CHUANG TING 張丁念莊 Ph.D. Edinburgh, 1954.
A descriptive study of the tones in the Chengtu dialect (Szechuan, China) and the intonation of certain types of sentences.

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7. CHANG, TSE-CHUN 張自存 Ph.D. Cantab (St. John's), 1947.
Cyclical movements in the balance of payments. Cambridge, University Press, 1951.
8. CHAO, CHIN-YUNG 趙金鏞 Ph.D. London (LSE), 1952.
The control of foreign affairs in China.
9. CHAO, TANG LI 趙唐理 Ph.D. London (LSE), 1952.
Anglo-Chinese diplomatic relations, with special reference to the revision of the Treaty of Tientsin, 1858-1870.
10. CHEN, CHUNG-SIEU 陳仲秀 Ph.D. London (LSE), 1940.
British loans to China from 1860 to 1913, with special reference to the period 1894-1913.
11. CHEN, JEROME CHIH-JANG 陳志讓 Ph.D. London (SOAS), 1956.
The state economic policies of the Ch'ing government, 1840-1895.
12. CHEN, LIH 陳立 Ph.D. London (UC), 1933.
Oscillation at the threshold and in mental work.
13. CHEN, PAKY 陳伯驥 Ph.D. London (LSE), 1939.
The theory and practice of Chinese democracy.
14. CHEN, TAI-CHU 陳岱礎 Ph.D. London (LSE), 1937.
China's frontier problems.
15. CHEN, TI-CHIANG 陳體強 D. Phil. Oxhon (Lincoln), 1949.
Recognition in international law. Published under title: The international law of recognition, with special reference to practice in Great Britain and the United States. London, Stevens, 1951. xxvii, 461 p. (The Library of world affairs, no. 16)
16. CHEN, YAO-SHENG 陳堯聖 Ph.D. Londdon (LSE), 1940.
The International Settlement of Shanghai.
17. CHENG, BIN 鄭斌 Ph.D. London (UC), 1950.
General principles of law, as applied by international courts and tribunals. London, Stevens, 1953. li, 490 p. (The Library of world affairs, no. 21)
18. CHENG, FATTING TINSIK 鄭天錫 LL.D. London (UC), 1916.
The rules of private international law determining capacity to contract. London, Stevens, 1916. xvi, 134 p.
19. CHENG, JAMES CHESTER 鄭詰希 Ph.D. Cantab (St. John's), 1950.
Some aspects of the Taiping Rebellion in China, 1850-64.

20. CHENG, KANG-CHI 鄭康者 Ph.D London (LSE), 1938.
The presentation of the Manchurian question in the English press, 1931-33.
21. CHENG, SIH-GUNG 程錫庚 D. Sc. London (LSE), 1921.
Modern China, a political study. Oxford, The Clarendon Press, 1919. vii, 380 p.
22. CHENG, SIMON M. 程西孟 Ph.D. London (LSE), 1933.
Babouvism and the theory of proletarian dictatorship.
23. CHIAG, PEI-HUAN 蔣百幻 Ph.D. London (LSE), 1939.
Anglo-Chinese diplomatic relations, 1856-1860.
24. CHIEN, CHING-LIEN 錢清廉 Ph.D. London (LSE), 1936.
The place of judiciary in the modern state, with special reference to English judiciary.
25. CHIU, HSU-YAO 邱緒瑤 Ph.D. Birmingham, 1953.
The development of the foreign trade of China and her trade with the United Kingdom.
26. CHIU, VERMIER YANTAK 趙冰 Ph.D. London (LSE), 1921.
Law of the Chinese Constitution.
27. CHOU, KAI-REN 周開仁 Ph.D. London (LSE), 1955.
The post-war trend of capital formation in Malaya against the background of Southeast Asia.
28. CHOW, PEI-GEI 周培智 Ph.D. Edinburgh, 1938.
A hundred years of economic relations between China and Great Britain 1834-1934.
29. CHU, CEDRIC CHI-WU 朱奇武 D. Phil. Oxhon (Jesus), 1950.
The relation between international law and municipal law.
30. CHUNG, TSO-YOU 鍾作猷 Ph.D. Edinburgh, 1936.
The historical novels of Thackeray, Dickens, Charles Kingsley, George Eliot, George Meredith, and Walter Pater.
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Factory inspection in Great Britain. London, G. Allen & Unwin, 1942. (13)-255 p. incl. tables. (London school of economics and political science ... Studies in political science and sociology...No. 2)
32. FEI, HSIAO-TUNG 費孝通 Ph.D. London (LSE), 1938.
Kaihsienkung: economic life in a Chinese village.

33. FU, LO-HUAN 傅樂煥 Ph.D. London (SOAS), 1950.
"Nat Pat" and "Ordos" (camps and tents): a study of the way of life and military organization of the Khitan emperors and their people.
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A descriptive grammar of Lolo.
35. GOH, KENG-SWEE 吳慶瑞 Ph.D. London (LSE), 1956.
Techniques of national income estimation in underdeveloped territories, with special reference to Asia and Africa.
36. HO, TSI-DSI IRENE 何崎姿 (艾齡) Ph.D. London (Inst. Edu.), 1936.
Ancient and modern educational theory in China.
37. HOU, JEN-CHIH 侯仁之 Ph.D. Liverpool, 1949.
An historical geography of Peiping.
38. HOU, SHU-TUNG 侯樹彤 Ph.D. Liverpool, 1935.
The currency and banking problems of China.
39. HSIA, CHIN-LIN 夏晉麟 Ph.D. Edinburgh, 1922.
Treaty relations between China and Great Britain: a study of international law and diplomacy. Published under title: Studies in Chinese diplomatic history. Shanghai, Commercial Press, 1925. 226 p.
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The functioning of a North China family.
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The relationship of the river net-work in the central highlands of Scotland to structural and climatic conditions.
42. HSU, YU-NAN 徐毓柝 Ph.D. Cantab (King's), 1940.
The British cotton industry in depression.
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The legal status of the Chinese abroad. Taipei, China Cultural Service, 1954. 347p.
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Anne Thackeray (afterwards Lady Ritchie)
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British practice of diplomatic protection of subjects abroad.
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49. LEE, MENG-PING 李孟萍 Ph.D. London (LSE), 1946.
The Geneva treatment of the Manchurian and Abyssinian crises.
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The problems of Tibet in Sino-British relations. Published under title: The historical status of Tibet. New York, Columbia University Press, 1956. xi, 312 p.
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Economic and financial aspects of social security, with special reference to Malaya.
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The Nanling-wu-yi shan as a geographical divide.
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A study of the rainfall fluctuations in China: their causes and effects.
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The battle of concessions in China, 1895-1900.
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Group consciousness; with special reference to educational applications.
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66. SO, YAN-KIT (MRS. NANCY LU) 蘇思潔 Ph.D. London (SOAS). 1960.
Anglo-Chinese diplomacy regarding Burma 1885-1897.
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69. THIO, EUNICE 張忠坤 Ph.D. London (SOAS), 1956.
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70. TIEN, JU-KANG 田汝康 Ph.D. London (LSE), 1948.
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76. WANG, GUNG-WU 王賡武 Ph.D. London (SOAS), 1957.
The structure of power in North China during the Five Dynasties.
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86. WU, GIN-DING 吳金鼎 Ph.D. London (Courtauld), 1937.
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87. WU, WEN-HUI 吳文輝 Ph.D. London (LSE), 1939.
The position of the peasant in modern China.

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Capital formation and the economic order: an analytical study (with special reference to the case of a poor country).
- 88a YANG, CHING-NIEN 楊敬年 D.Phil. Oxhon (Corpus Christi), 1948.
The distribution of functions among central government departments in the United Kingdom (with some comparison of the United States of America and the British Dominions)
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Comparative educational background: a study of historic, geographic, cultural, economic and political factors in the development of Chinese and English education.
90. YOU, POH-SENG 游保生 Ph.D. London (LSE), 1949.
The techniques of sampling with special reference to demographic enquiries in undeveloped countries.
91. YU, WANG-TEH 于望德 Ph.D. London (LSE), 1937.
The English cabinet, 1868-1917. Published under title: The English Cabinet system. London, P.S. King, 1939. xvi, 408 p.
92. YUI, MING 余 銘 D. Phil. Oxhon (Balliol), 1941.
The principles and policies of the Nine Power Treaty of 1922 in the light of subsequent developments.

Part II: Physical, Biological and Engineering Sciences

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On the Edwards-Mathews approach to π -N scattering.
94. CHAN, SIN-TSE (SPRING CHAN) 陳善慈 Ph.D. London (Ext.), 1947.
A study of the morphology and anatomy of the developing narcissus bulb.
95. CHAN, WILFORD RUPERT Ph.D. London (Ext.), 1957.
Studies relating to the structure of 2-acyl-1:3-diones and peltogynol.
96. CHAN, WILLIAM WAI-LEE 陳惟理 Ph.D. London (IC), 1954.
An investigation of the characteristics of plastic hinges in reinforced concrete.
97. CHANG, CHIANG-SING 張強星 Ph.D. London (IC), 1959.
The effect of static mean stress on the damping capacity of metals.
98. CHANG, I 張 毅 Ph.D. Edinburgh, 1938.
Metabolism of the mammalian heart.

99. CHANG, MIN-CHEUH 張民覺 Ph.D. Cantab (Fitzwilliam), 1941.
A study of the physiology of ram spermatozoa.
100. CHANG, PANG 張滂 Ph.D. Cantab (St. Catherine's), 1949.
Some problems in glycoside synthesis.
101. CHANG, PEI-LIN 張沛霖 Ph.D. Sheffield, 1948.
The electrical resistivity and other physical properties of carbon and alloy steels in their strained and unstrained states.
102. CHANG, O'CHOU 張阿舟 Ph.D. Bristol, 1950.
The stress analysis of circular semi-monocoque fuselage with door openings.
103. CHANG, SHIH 張森 Ph.D. London (KC), 1957.
Reactions of substituted phenyl radicals.
104. CHANG, SHIH-HSUN 張世勛 Ph.D. Cantab (Fitzwilliam), 1948.
Theory of characteristic values and singular values of integral equations.
105. CHANG, SU-CHENG 張素誠 D. Phil. Oxhon (Magdalen), 1949.
Problems in topology and differential geometry.
106. CHANG, SZE-SHEN 張思伸 Ph.D. Manchester, 1955.
The dynamic shear strength of \mathcal{L} -brass in torsion and its comparison with values derived from orthogonal cutting tests.
107. CHANG, TSO-MEI 張作梅 Ph.D. Sheffield, 1949.
Shearing of metals.
108. CHANG, TSUNG-SUI 張宗燧 Ph.D. Cantab (Fitzwilliam), 1938.
Extensions of Bethe's method on cooperative phenomena.
109. CHANG, WEN-CHI 張文奇 Ph.D. London (IC), 1948.
The constitution and properties of certain high-strength aluminium alloys with special reference to corrosion resistance.
110. CHANG, WEN-TSAI 章文才 Ph.D. London (E. Malling), 1937.
Studies in compatibility between stock and scion, with special reference to certain deciduous fruits.
111. CHANG, WEN-YU 張文裕 Ph.D. Cantab (Jesus), 1938.
Resonance effect of nuclear transmutations and formation of radioactive isotopes.
112. CHANG, YOU-LING 張有齡 Ph.D. Manchester, 1937.
I. Hydraulics of flume traction and transportation. II. Some experiments of loess embankments.

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Elements in metal machining: dynamics factors in orthogonal cutting.
114. CHAO, CHE-SHEN 趙者深 Ph.D. London (IC), 1948.
Density currents and the desilting of reservoirs.
115. CHAO, SOONG-HALL Ph.D. Manchester, 1939.
The atomic structure of the feldspars.
116. CHAO, WEN-MIN 趙文珉 Ph.D. Sheffield, 1933.
A study of durains and cannel coals.
117. CHEN, DORIS LAI-CHUE KWOK 陳郭麗珠 Ph.D. London (KC), 1955.
Projective properties of multiple correspondence between planes.
118. CHEN, HWA-HUEI 陳華葵 Ph.D. London (Rothamsted), 1939.
The nodule organized from leguminous plants and its variation.
119. CHEN, JUI-MING 陳瑞銘 Ph.D. Cantab (Fitzwilliam), 1951.
The developmental mechanics of the mouse sternum.
120. CHEN, KOU-CHEN 陳國珍 Ph.D. London (IC), 1951,
Studies in uncatalysed and catalysed reactions between sodium carbonate and the metal oxide systems in the solid state.
121. CHEN, MRS. YIU-TUAN 陳張友端 Ph.D. Cantab (Girton), 1951.
Studies in the function of vitamin C in plant and animal tissues.
122. CHEN, YUEH-TSENG 陳閔增 Ph.D. Cantab (Trinity Hall), 1949.
Investigation into the biology of *Peranema trichophorum* Stein.
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Problems in kinematical relativity.
124. CHENG, CHUNG 鄭重 Ph.D. Aberdeen, 1944.
Investigations into the yield and composition of the plankton of the Clyde sea area, 1941-43.
125. CHENG, KAI-CHIA 程開甲 Ph.D. Edinburgh, 1948.
On the theory of superconductivity.
126. CHENG, LIEH-LENG 鄭烈棧 Ph.D. London (IC), 1959.
Thermodynamic studies of sulphur dissolved in liquid alloys.
127. CHENG, PETER JUI-SHAN 鄭瑞祥 Ph.D. Glasgow, 1959.
Cavitation nuclei and resorption of air bubbles.
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Geology and geomorphology of North Sunderland.

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An experimental study of functional disturbance of the liver affected by various forms of severe injury and cirrhosis with special reference to the plasma proteins and functional tists dependent on plasma proteins.
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A revision of *Poikilospermum* (Urticaceae) and *Taxotrophis* (Moraceae).
131. CHIEN, JO-LUNG 錢若龍 Ph.D. London (IC), 1948.
The design and performance of a liquid air plant.
132. CHIEN, WAN 錢 萬 Ph.D. London (Queen Mary), 1950.
Study of dielectric properties of solid long chain compounds with different dipolar groups.
133. CHIN, CHI-HAN 金繼漢 Ph.D. Cantab (Peterhouse), 1952.
Studies on the respiratory systems of acetobacter and yeasts.
134. CHING, YUEN-KAI 程源鎔 Ph.D. London (IC), 1953.
Synchronous machine analysis—including unbalanced and transient conditions.
135. CHIONG, YEN-SHOU 江仁壽 Ph.D. London (UC), 1936.
On the determination of viscosity by the oscillation of a vessel enclosing a liquid.
136. CHONG, VEE YONG 張維祥 Ph.D. London (BCT), 1961.
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STATISTICAL TABLES

I. Distribution of Doctorates by Institution

Aberdeen	2
Belfast	2
Birmingham	14
Bristol	4
Cambridge	43
Edinburgh	39
Glasgow	6
Leeds	16
Liverpool	11
London	
Battersea College of Technology	1
Bedford College	2
Birkbeck College	2
Courtauld Institute of Art	1
East Mallang Research Institution	1
Imperial College of Science and Technology	39
Institute of Education	1
King's College	5
London School of Economics	43
National Institute of Medical Research	2
Queen Mary College	8
Rothamsted Experiment Station	4
School of Hygiene & Tropical Medicine	6
School of Oriental & African Studies	7
School of Pharmacy	2
University College	29
University College Hospital Medical School	3
External	4
Manchester	20
Nottingham	1
Oxford	20
Sheffield	8
Total	346

II. Distribution of Doctorates by Major Field of Study

Humanities and Social Sciences	
Anthropology and Archaeology	3
Economics	21

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Education	3	
History	10	
International Law and Relations	11	
Law	9	
Linguistics and Literature	6	
Philosophy and Theology	3	
Political Science	11	
Psychology	3	
Sociology	4	
	84	
Physical and Earth Sciences		
Astronomy and Meteorology	3	
Chemistry	30	
Geography	9	
Geology and Paleontology	10	
Mathematics	15	
Physics	34	
	101	
Biological Sciences		
Agriculture and Forestry	5	
Bacteriology	5	
Biology	6	
Biological Chemistry	10	
Botany	9	
Zoology	12	
	47	
Health Sciences		
Anatomy and Physiology	16	
Hygiene, Medicine and Pharmacy	24	
	40	
Engineering Sciences		
Aeronautical Engineering	7	
Chemical Engineering	6	
Civil Engineering	20	
Electrical Engineering	10	
Marine Engineering	2	
Mechanical Engineering	12	
Mining and Metallurgy	14	
Textile Engineering	3	
	74	