

**KAC Degree Requirements by the Year of Admission**

**1. Degree Requirements By the Year of Admission (2007~2024)**

Students have to complete both regular curriculum and non-regular curriculum requirements as follows:

Year of Admission	Dept.	[Regular Curriculum] ① Graduation credits				[Non-regular Curriculum]					
		KAC Liberal Arts	Major	Others	Total	② Thesis	③ English	④ 2 <sup>nd</sup> Foreign Language	⑤ Volunteering	⑥ Internship	
2007	IB/IR	More than 12 Credits from the courses of Common liberal arts, Basic in Major liberal arts, Balanced liberal arts, and Basic courses in Major (Chapel (1),(2)-required)		Minimum of 69 credits, which includes: Minimum of 45 credits comprised of required courses from the first major	39	120	○	○	X	X	X
2008	IB/IR/MSIT						○	○	X	○	○
2009	IB/IR/MSIT						○	○	○(except for foreign students)	○	○
2010	IB/IR/MSIT			Minimum of 69 credits, which includes: Minimum of 54 credits comprised of required from the first major	39	120	○	○	○	○	○
2011 2012 2013 2014	IB, IR	Common	Basic in Major				31	130	○	○	○
		12	More than 18 Credits from the courses of Basic Major Liberal Arts, Balanced Liberal Arts, Basic Courses in Major.								
2015 ~ 2021	IB, IR	12	15	Minimum of 69 credits, which Includes minimum of 54 credits comprised of required courses from the first major	34	130	○	○	○	○	○
2022 2023	IB, IR	12	15								
2024	IB, IR	12	More than 18 credits from the courses of Balanced Liberal Arts, General Liberal Arts	Minimum of 69 credits from the first major including required courses	21	120	○	○	○	○	○

★ Regarding the category 'Others', students can acquire credits regardless of the course's classification.

**[Completion of Regular Curriculum (Credits)]**

**① -1 Korean Courses**

Students must take a minimum of 6 credits of Korean courses from the list below.

Course Title	Course Code	Credits	Course Title	Course Code	Credits
시사한국어 CURRENT KOREAN	25105	3	TOPIK읽기 TOPIK READING	33862	3
한국어작문 KOREAN COMPOSITION	25615	3	실용한국어회화 PRACTICAL KOREAN CONVERSATION	25150	3
비즈니스한국어(1) BUSINESS KOREAN(1)	33863	3	한국어 독해 READING KOREAN TEXT	25609	3
문화한국어 LEARNING KOREAN THROUGH CULTURE	37072	3	한국어 작문 KOREAN COMPOSITION	25615	3
TOPIK쓰기 TOPIK WRITING	33861	3	아카데믹한국어 ACADEMIC KOREAN	35844	3
TOPIK듣기 TOPIK LISTENING	33860	3	비즈니스한국어 BUSINESS KOREAN(1)	33863	3

\*Tip: The Korean courses above are intended for international students with a proficiency in the Korean language. Before enrolling in the aforementioned courses, we highly recommend that KAC international students take the "Korean Language Practice" courses (Code: 10350-01, 02, 03, 04). They are offered to incoming exchange students and count as liberal arts credits for graduation. (Liberal arts outside of the KAC department)

- These are Korean language courses but Korean does not have to be their chosen second language for the **non-curriculum requirement ④. These courses cannot be replaced by any other courses or official language test.**

**①-2** Courses in other departments are only approved under the following conditions.

- \* Maximum of 7 courses (21 credits) among the list of approved courses that are offered in English during your period of attendance in KAC. (The list is updated on the KAC website before course registration period)
- \* Second Language Courses (Courses in the student's native language is not accepted.)
- \* Community Service Courses (사회봉사, up to 2 subjects)
- \* Courses related with Career/Self-development/Business establishment(진로선택/자기개발/창업 영역) among Balanced Liberal Arts courses(up to 2 subjects)
- \* **Special program (up to 12 credits) including credits approval with certificates (TOPIK test only for International students), but credits approved with certificates is only for the students entered before 2019.**

② Thesis: Students must earn a Pass on the Thesis requirement (both IB & IR students). Graduation can be delayed if students miss deadlines for submitting their completed Thesis, stage by stage (see date listed below). The "Thesis Writing" course is not a required course. However, it is strongly recommended that students take this course as it can save much time and unnecessary stress that some students experience while writing their thesis.

	Proposal	Draft	Defense	Thesis	Remarks
Semester Category	2 <sup>nd</sup> Semester of Junior (Dept. Chair)	1 <sup>st</sup> Semester of Senior (Dept. Chair)	2 <sup>nd</sup> Semester of Senior (with professors)	2 <sup>nd</sup> Semester of Senior (KAC admin. Office)	
Expecting to graduate in Feb.	December 15 <sup>th</sup>	June 15 <sup>th</sup>	In September (before credit giving up period)	December 1 <sup>st</sup>	Graduation in February

Expecting to graduate in Aug.	June 15 <sup>th</sup>	December 15 <sup>th</sup>	In March (before credit giving up period)	June 1 <sup>st</sup>	Graduation in August
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\* Application forms: Downloadable from the KAC website.

### [Completion of Non-Regular Curriculum]

#### ③ English Language Proficiency

Students must submit their English test score by the final exam period of their 8th semester at KAC. The minimum score requirement for each test is as follows:

TOEIC	TOEFL IBT	TEPS	TOEIC SPEAKING Lv.6	OPIC	IELTS
850	97	750	140	IM3	7.0.

#### ④ **Second Foreign Language:**

Students must also submit their second language test score by the final exam period of their 8th semester at KAC. Accepted Languages are listed below, not including a student's mother tongue.

The minimum score requirement for each 2<sup>nd</sup> language test is as follows:

Chinese	Japanese		Korean	French	German		Spanish			Russian	Portuguese	
New HSK	JLPT	JPT	TOPIK	DELTA	GER	ZDAF	DELE	FLEX	SIELE	TORFL	CAPLE	CELPE-BRAS
3 (210)	N3 (95)	415	2	A1	SD1 (gut),	ZD	A1	430	140	Basic	A1	Intermediário

⑤ Community Service: a pass from the Community Service Courses mentioned above or the completion of 32 or more hours of volunteer work at an institute which is pre-approved by Keimyung University and getting approval from KAC admin. Office. after inputting the report through EDWARD system.

⑥ Internship: a pass for the internship Courses or the performance of a non-credit internship for 96 or more hours at a company or organization pre-approved by KAC; recognition by the department chair must also be received. [Download format: <http://kac.kmu.ac.kr> ]

**2. Common Liberal Arts depending on the year of admission:** Students should take required courses depending on the year of Admission. In the event that a Common Liberal Arts course has been abolished or its classification changed, students do not have to take that particular course.

\* **In case of International Students, Common liberal arts credits can be filled by taking General liberal arts courses that are on the list of approved courses by KAC.**

\*\* **List of approved courses is updated on KAC website before the course registration period.**

Year	Dept.	Serial Numbers	Course Numbers	Names of Courses	Credits	No longer offered/ Category changed
2007	IB IR	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	25795	KIC ENGLISH (ACADEMIC WRITING) 1	3	√
		4	25801	CROSS CULTURAL COMMUNICATION	3	√
		5	25802	PRINCIPLES OF ORGANIZATIONAL THEORY & BEHAVIOR	3	√

		6	25926	KIC ENGLISH (ACADEMIC WRITING) 2	3	√
		7	25931	OUR DEVELOPING WORLD : A HISTORICAL PERSPECTIVE	3	√
		8	25932	ORGANIZATION COMMUNICATION	3	√
		9	25933	INTRODUCTION GLOBAL ECONOMICS	3	√
2008	IB IR MSIT	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	25795	KIC ENGLISH (ACADEMIC WRITING) 1	3	√
		4	25801	CROSS CULTURAL COMMUNICATION	3	√
		5	25802	PRINCIPLES OF ORGANIZATIONAL THEORY & BEHAVIOR	3	√
		6	25926	KIC ENGLISH (ACADEMIC WRITING) 2	3	√
		7	25933	INTRODUCTION GLOBAL ECONOMICS	3	√
2009	IB IR MSIT	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	25795	KIC ENGLISH (ACADEMIC WRITING) 1	2	√
		4	25800	BUSINESS APPLICATION	2	√
		5	25926	KIC ENGLISH (ACADEMIC WRITING) 2	2	√
		6	26499	KIC COMMUNICATION SKILL I	0	√
		7	26500	KIC COMMUNICATION SKILL II	0	√
		8	26501	KIC PROFESSIONAL READING I	0	√
		9	26502	KIC PROFESSIONAL READING II	0	√
		10	26503	FUNDAMENTALS OF POLITICAL SCIENCE	3	√
		11	26922	SURVIVING KIC	0	√
		12	26923	CHRISTIAN ETHICS & GLOBALIZATION	3	√
	IB, IR	13	26504	PROBABILITY & STATISTICS	3	√
		14	26924	MICROECONOMICS	3	√
2010	IB, IR MSIT	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
2011 2012	IB, IR	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	27797	CULTURE SEMINAR & WRITING	3	√
		4	20857	UNDERSTANDING OF CHRISTIANITY	2	√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE	2	√
		6	27116	ACADEMIC ENGLISH	2	√
		7	27119	COMMUNICATION ENGLISH	2	√
		8	27782	MANAGING UNVIERSITY LIFE	1	√
2013	IB, IR	1	21966	Chapel(1)	0	

		2	21967	Chapel(2)	0	
		3	27797	CULTURE SEMINAR & WRITING		√
		4	20857	UNDERSTANDING OF CHRISTIANITY		√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE		√
		6	27116	ACADEMIC ENGLISH		√
		7	27119	COMMUNICATION ENGLISH		√
		8	31960	MANAGING UNVIERSITY LIFE & CAREER		√
2014 2015	IB, IR	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	27791	CULTURE SEMINAR & WRITING	3	√
		4	20857	UNDERSTANDING OF CHRISTIANITY	2	√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE	2	√
		6	27116	ACADEMIC ENGLISH III	2	√
		7	27119	COMMUNICATION ENGLISH III	2	√
		8	31960	MANAGING UNVIERSITY LIFE AND CAREER	1	√
		9	32868	FUNDAMENTALS OF WRITING	3	√
2016	IB, IR	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	27791	CULTURE SEMINAR & WRITING	3	√
		4	20857	UNDERSTANDING OF CHRISTIANITY	2	√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE	1	√
		6	27116	ACADEMIC ENGLISH III	2	√
		7	27119	COMMUNICATION ENGLISH III	2	√
		8	31960	MANAGING UNVIERSITY LIFE AND CAREER	1	√
		9	32868	FUNDAMENTALS OF WRITING	3	√
		10	35287	GLOBAL CITIZENSHIP (글로벌시티즌십)	1	
2017 2018	IB, IR	1	21966	Chapel(1)	0	
		2	21967	Chapel(2)	0	
		3	37240	CULTURE SEMINAR	3	√
		4	20857	UNDERSTANDING OF CHRISTIANITY	2	√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE	1	√
		6	27116	ACADEMIC ENGLISH III	2	√
		7	27119	COMMUNICATION ENGLISH III	2	√
		8	31960	MANAGING UNIVERSITY LIFE AND CAREER	1	√
		9	32868	FUNDAMENTALS OF WRITING	3	√
		10	35287	GLOBAL CITIZENSHIP (글로벌시티즌십)	1	
2019	IB, IR	1	21966	Chapel(1)	0	

~ 2023		2	21967	Chapel(2)	0	
		3	37240	CULTURE SEMINAR	3	√
		4	20857	UNDERSTANDING OF CHRISTIANITY	2	√
		5	27779	KEIMYUNG SPIRIT: SERVANT LEADERSHIP SOCIAL SERVICE	1	√
		6	27116	ACADEMIC ENGLISH III	2	√
		7	27119	COMMUNICATION ENGLISH III	2	√
		8	31960	DESIGNING UNVIERSITY LIFE AND CAREER	1	√
		9	35287	GLOBAL CITIZENSHIP	1	
		10	42856	AI AND COMPUTATIONAL THINKING(AI와컴퓨팅사고(원격수업))	1	
		11	43499	스마트비즈니스와창업기초(원격수업)	2	
		2024	IB, IR	1	44691	LIBERAL ARTS SEMINAR AND DISCUSSION(교양세미나와토론)
2	44693			CHRISTIANITY AND KEIMYUNG PEOPLE	2	
3	44690			COLLEGE ENGLISH III	3	
4	35287			GLOBAL CITIZENSHIP	1	
5	42856			AI AND COMPUTATIONAL THINKING	1	
6	43499			스마트비즈니스와창업기초	2	
7	21966			Chapel(1)	0	
8	21967			Chapel(2)	0	

### 3. Balanced Liberal Arts

\* Students must take minimum of 15 credits from the courses listed below.

Year	Serial Numbers	Course Numbers	Field	Names of Courses	Credits	No longer offered/ Category changed
2014 ~2024	1	27796	Global Leadership	ACADEMIC WRITING I (KAC)	3	
	2	27798		COMMUNICATION SKILLS I (KAC)	3	
	3	29997		LISTENING SKILLS	3	
	4	30626/30627		INTEGRATED ENGLISH SKILLS (1) or (2)	3	
	5	25801		CROSS CULTURAL COMMUNICATION	3	
	6	27263	Literature & Art	THESIS WRITING	3	
	7	27752	Philosophy & History	WORLD HISTORY	3	
	8	29770	Science & Technology	CALCULUS	3	
	9	38458		FUTURE TRENDS	3	
	10	27753	Society & Culture	WORLD RELIGION & CULTURE	3	√
	11	23044		WORLD GEOGRAPHY	3	
	12	31028		LAW AND CIVILIZATION	3	
	13	25800		BUSINESS APPLICATION	3	

#### 4. Basic Major courses

\* Students must take the following course as stated in the table below.

Year	Serial Numbers	Course Numbers	Names of Courses	Credits	No longer offered/Category changed
2014	1	26503	FUNDAMENTALS OF POLITICAL SCIENCE	3	√
	2	27673	PRINCIPLES OF INTERNATIONAL ECONOMICS	3	√
	3	26504	PROBABILITY & STATISTICS	3	√
	4	26924	MICROECONOMICS	3	√
	5	27254	MACROECONOMICS	3	√
2015 ~2022	1	26504	PROBABILITY&STATISTICS	3	√

#### 5. Required/Mandatory Major Courses

\* In the event of a required course being abolished or its classification changed, students do not need to take that particular course.

##### ■ IB Major

Year of Admission	Nr.	Course Code	Course Name	Credits	No Longer Offered/Category Changed
2007	1	26103	INTRODUCTION TO INTERNATIONAL MARKETING	3	√
	2	26104	PRINCIPLES OF INTERNATIONAL MANAGEMENT	3	√
	3	27268	INTERNATIONAL STRATEGIC MANAGEMENT	3	√
	4	30880	THESIS(IB)	0	
2008	1	26925	PRINCIPLES OF MARKETING	3	√
	2	26926	PRINCIPLES OF MANAGEMENT	3	√
	3	26927	FINANCIAL ACCOUNTING	3	√
	4	10378	MANAGERIAL ACCOUNTING	3	√
	5	30880	THESIS(IB)	0	
2009	1	10378	MANAGERIAL ACCOUNTING	3	√
	2	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√
	3	26101	FINANCIAL MANAGEMENT	3	√
	4	26925	PRINCIPLES OF MARKETING	3	√
	5	26926	PRINCIPLES OF MANAGEMENT	3	√
	6	26927	FINANCIAL ACCOUNTING	3	√
	7	30880	THESIS(IB)	0	
2010	1	25800	BUSINESS APPLICATION	2	√
	2	26922	SURVIVING KAC	1	√
	3	26923	CHRISTIAN ETHICS & GLOBALIZATION	3	√
	4	27747	ETHICS OF GLOBAL LEADERS	3	√

	5	27797	ACADEMIC WRITING II(KAC)	2	√	
	6	27799	COMMUNICATION SKILLS II(KAC)	2	√	
	7	27804	PROFESSIONAL READING II(KAC)	2	√	
	8	10378	MANAGERIAL ACCOUNTING	3	√	
	9	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√	
	10	26101	FINANCIAL MANAGEMENT	3	√	
	11	26925	PRINCIPLES OF MARKETING	3	√	
	12	26926	PRINCIPLES OF MANAGEMENT	3	√	
	13	26927	FINANCIAL ACCOUNTING	3	√	
	14	30880	THESIS(IB)	0		
	2011	1	10378	MANAGERIAL ACCOUNTING	3	√
		2	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√
		3	26101	FINANCIAL MANAGEMENT	3	√
		4	26925	PRINCIPLES OF MARKETING	3	√
5		26926	PRINCIPLE OF MANAGEMENT	3	√	
6		26927	FINANCIAL ACCOUNTING	3	√	
7		30880	THESIS(IB)	0		
2012 2013 2014	1	10378	MANAGERIAL ACCOUNTING	3	√	
	2	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√	
	3	26101	FINANCIAL MANAGEMENT	3	√	
	4	26925	PRINCIPLES OF MARKETING	3	√	
	5	26926	PRINCIPLE OF MANAGEMENT	3	√	
	6	26927	FINANCIAL ACCOUNTING	3	√	
	7	27981	OPERATION AND PRODUCTION MANAGEMENT	3	√	
	8	30880	THESIS(IB)	0		
2015 2016 2017 2018	1	10378	MANAGERIAL ACCOUNTING	3	√	
	2	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√	
	3	26925	PRINCIPLES OF MARKETING	3	√	
	4	26926	PRINCIPLE OF MANAGEMENT	3	√	
	5	26927	FINANCIAL ACCOUNTING	3	√	
	6	27981	OPERATION AND PRODUCTION MANAGEMENT	3	√	
	7	30880	THESIS(IB)	0		
	8	34243	취창업과자기계발	1	√	
2019 2020	1	10378	MANAGERIAL ACCOUNTING	3	√	
	2	26100	PRINCIPLES OF INTERNATIONAL BUSINESS	3	√	
	3	26925	PRINCIPLES OF MARKETING	3	√	



	4	26926	PRINCIPLE OF MANAGEMENT	3	√
	5	26927	FINANCIAL ACCOUNTING	3	√
	6	27981	OPERATION AND PRODUCTION MANAGEMENT	3	√
	7	30880	THESIS(IB)	0	
2021 2023	1	30880	THESIS(IB)	0	
2024	1	31961	DESIGNING UNIVERSITY LIFE AND CAREER	1	
	2	26504	PROBABILITY & STATISTICS	3	
	3	34982	FUNDAMENTALS OF FINANCE	3	
	4	26926	PRINCIPLES OF MANAGEMENT	3	
	5	44482	BASIC ACCOUNTING	3	
	6	30880	THESIS(IB)	0	

■ IR Major

Year of Admission	Nr.	Course Code	Course Name	Credits	No Longer Offered/ Category Changed
2007	1	26508	COMPARATIVE POLITICAL ECONOMY	3	√
	2	26511	THEORY OF INTERNATIONAL RELATIONS	3	√
	3	30881	THESIS(IR)	0	
2008	1	26121	COMPARATIVE FOREIGN POLICIES	3	√
	2	26508	COMPARATIVE POLITICAL ECONOMY	3	√
	3	26511	THEORY OF INTERNATIONAL RELATIONS	3	√
	4	26928	RESEARCH METHOD	3	√
	5	27259	QUANTITATIVE METHOD	3	√
	6	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	7	27260	INTERNATIONAL POLITICAL ECONOMY	3	√
	8	30881	THESIS(IR)	0	
2009	1	26511	THEORY OF INTERNATIONAL RELATIONS	3	√
	2	27820	POLITICAL ECONOMY	3	√
	3	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	4	27808	COMPARATIVE POLITICS	3	√
	5	27818	KOREAN GOVERNMENT&POLITICS	3	√
	6	27821	QUANTITATIVE METHODOLOGY	3	√
	7	27260	INTERNATIONAL POLITICAL ECONOMY	3	√

	8	30881	THESIS(IR)	0	
2010	1	25800	BUSINESS APPLICATION	2	√
	2	26922	SURVIVING KAC	1	√
	3	26923	CHRISTIAN ETHICS & GLOBALIZATION	3	√
	4	27747	ETHICS OF GLOBAL LEADERS	3	√
	5	27797	ACADEMIC WRITING II(KAC)	2	√
	6	27799	COMMUNICATION SKILLS II(KAC)	2	√
	7	27804	PROFESSIONAL READING II(KAC)	2	√
	8	26511	THEORY OF INTERNATIONAL RELATIONS	3	√
	9	27820	POLITICAL ECONOMY	3	√
	10	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	11	27808	COMPARATIVE POLITICS	3	√
	12	27818	KOREAN GOVERNMENT & POLITICS	3	√
	13	27821	QUANTITATIVE METHODOLOGY	3	√
	14	27260	INTERNATIONAL POLITICAL ECONOMY	3	√
	15	30881	THESIS(IR)	0	
2011	1	26511	THEORY OF INTERNATIONAL RELATIONS	3	√
	2	27820	POLITICAL ECONOMY	3	√
	3	27808	COMPARATIVE POLITICS	3	√
	4	27818	KOREAN GOVERNMENT & POLITICS	3	√
	5	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	6	27821	QUANTITATIVE METHODOLOGY	3	√
	7	27260	INTERNATIONAL POLITICAL ECONOMY	3	√
	8	30881	THESIS(IR)	0	
2012 2013 2014	1	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	2	27808	COMPARATIVE POLITICS	3	√
	3	27818	KOREAN GOVERNMENT & POLITICS	3	√
	4	27821	QUANTITATIVE METHODOLOGY	3	√
	5	27260	INTERNATIONAL POLITICAL ECONOMY	3	√
	6	27964	INTERNATIONAL LAW	3	√
	7	31018	POLITICAL THEORY	3	√
	8	30881	THESIS(IR)	0	

2015	1	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	2	27808	COMPARATIVE POLITICS	3	√
	3	27818	KOREAN GOVERNMENT & POLITICS	3	√
	4	27821	QUANTITATIVE METHODOLOGY	3	√
	5	27260	INTERNATIONAL POLITICAL ECONOMY	3	√
	6	27964	INTERNATIONAL LAW	3	√
	7	31018	POLITICAL THEORY	3	√
	8	30881	THESIS(IR)	0	
	9	34243	취창업과자기계발	1	√
2016 2017	1	26935	INTRODUCTION TO INTERNATIONAL RELATIONS	3	√
	2	27821	QUANTITATIVE METHODOLOGY	3	√
	3	27964	INTERNATIONAL LAW	3	√
	4	31018	POLITICAL THEORY	3	√
	5	30881	THESIS(IR)	0	
	6	34243	취창업과자기계발	1	√
2018	1	30881	THESIS(IR)	0	
	2	34243	취창업과자기계발	1	√
2019 ~ 2023	1	30881	THESIS(IR)	0	
2024	1	31960	DESIGNING UNIVERSITY LIFE AND CAREER	1	
	2	26504	PROBABILITY & STATISTICS	3	
	3	30881	THESIS(IR)	0	