

Shaheed Bhagat Singh College

(University of Delhi)

Dated: 16-12-2024

NOTICE

Regarding Mandatory Generic Electives (GEs) for Masters in Minor Disciplines

This is to inform to the students wishing to pursue a **Masters degree in a minor discipline** must complete the **Mandatory Generic Elective (GE) papers** in that discipline during their undergraduate program. These papers are essential for eligibility and provide foundational knowledge for advanced studies.

Key Points:

1. What are Mandatory GEs?

These are specific Generic Elective papers designated as **mandatory for students opting to study a minor discipline**. They are designed to provide foundational knowledge essential for advanced studies in the discipline.

2. Why are they important?

Completion of these papers is often a prerequisite for admission to a Master's program in the minor discipline. They ensure that students possess the necessary academic background to succeed in their postgraduate studies.

3. When to opt for them?

The college will offer the **Mandatory GE papers in various semesters**, enabling students to opt for them as part of their course plan.

Students are advised to review the list of Mandatory GEs for their minor discipline and plan accordingly. The official university notifications are also attached for the reference of the students.



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(Principal)



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NOTIFICATION

Opting of Elective courses (DSE/GE) for developing a discipline as 'Minor'

1. The University rolled out Undergraduate Curriculum Framework 2022 (UGCF) based on National Education Policy 2020 (NEP), from the Academic Session 2022-23, embedding within the framework different aspects of NEP through varied courses viz. as DSCs, DSEs, GEs, AECs, SECs and VACs.

2. The flexibility in the UGCF 2022 provides various opportunities to the students for developing a discipline as a 'Minor' in addition to the major discipline, including through GEs, in the succeeding paragraphs.

Meaning of few relevant terms used herein are provided for easy reference and understanding:

- a) Single-core discipline programmes: Programmes where students study only one discipline as a 'core' discipline such as B.Sc. (H), B.A. (H) and B.Com. (H) etc.
 - b) Two-core discipline programmes: Programmes where students study two different disciplines as 'core' disciplines, namely all B.A. Programmes.
 - c) Three-core discipline programmes: Programmes where students study three disciplines as 'core' disciplines, such as B.Sc. Life Sciences, B.Sc. Physical Sciences etc.
3. A discipline may be developed as a 'Minor' as per UGCF 2022, through different mechanisms:
- a) Students pursuing single core discipline programmes, may develop a discipline as a 'Minor' by studying seven Generic Elective (GE) courses of such discipline and earn 28 credits.
 - b) Students pursuing two-core discipline programmes, may develop one of the core disciplines as a 'Minor' by earning 28 credits from the six Discipline Specific Courses (DSCs) and one Discipline Specific Elective (DSE) in the first three years. However, students of such programmes may also develop a discipline as a 'Minor' provided they earn 28 credits from the GEs of such discipline.

- c) Students pursuing three-core discipline programmes, may develop one of the core disciplines as a 'Minor' only by earning 28 credits from the six Discipline Specific Courses (DSCs) and one Discipline Specific Elective (DSE) of such core discipline in the first three years.
4. The GEs (Generic Elective courses) of a discipline are opted by students who do not study such discipline as a core discipline. **The GEs courses are not mandatory in nature.** Therefore, the students who wish to make himself/herself eligible to apply for a post-graduate programme in the University of Delhi in the 'Minor' discipline (developed through the GEs of a discipline) only, are required to study the **three** mandatory GEs identified for such discipline by the concerned Department.
5. In view of the above, all colleges/departments offering UG programmes are requested to adhere to the following guidelines:
- (a) Discipline Specific Electives (DSE) of each of the core disciplines in B.Sc. Programmes or B.A. Programmes must be offered to the students in every semester to enable the students to develop one of the core disciplines as a 'Minor' discipline.
 - (b) Students enrolled either in single core or two core discipline programmes must be offered sufficient number of GEs of a discipline to enable him/her to develop it as a 'Minor' discipline by securing 28 credits by the 4th year.
 - (c) All mandatory Generic Electives (GEs) should be provided to the students in addition to the rest of the courses in the pool of GE of the relevant discipline to facilitate a student to earn 28 credits from such a discipline to make it a 'Minor'.
 - (d) Students admitted in the Academic Sessions 2022-23 and 2023-24 may be allowed to study the mandatory GEs of the discipline they are planning to make it a 'Minor' irrespective of the Level or pre-requisites prescribed for these GEs.
6. For the sake of clarity, it is hereby reiterated that students (of the single core programme) who do not wish to pursue PG in the 'Minor' discipline from the University of Delhi is free to choose any of the courses from the pool of GEs to gain multidisciplinary perspectives. He/she is **not** required to study the GE courses identified as mandatory GEs by the respective departments.

This is issued with the approval of the Competent Authority.


REGISTRAR

UNIVERSITY OF DELHI

CNC-II/093/1(40)/EC-1270/2024-25/375

Dated: 10.12.2024

NOTIFICATION

Sub: Amendment to Ordinance V

{ECR No. 5-23/ dated 27.07.2024}

Following addition be made to Appendix-II-A to the Ordinance V (2-A) of the Ordinances of the University;

Add the following:

The following provisions regarding Generic Electives courses are notified herewith based on Undergraduate Curriculum Framework 2022 implemented from the Academic Session 2022-2023, for information of all the concerned:

- (i) The mandatory GEs for developing a discipline as a minor for students enrolled in Single Core Programmes be fixed as three, while the rest of the minimum four GEs required to make it a minor be chosen from the GE pool of that discipline, keeping in view the levels of the GEs.
- (ii) For Students, who have been enrolled in the academic session 2022-23, as they have already studied four GE Courses, they may be given the flexibility to pick any three mandatory courses of the relevant discipline, irrespective of the pre-requisites prescribed for the same.

Details are placed at **Annexure-1**.

Indira Guleri
11/12/24

REGISTRAR

Annexure-1

List of Mandatory Generic Electives (GEs) Offered by Various Departments

Students aspiring to pursue a postgraduate program at the University of Delhi in a Minor Discipline developed through Generic Electives must earned 28 credits of such discipline, during the Four-Year Undergraduate Programme, from 7 GE courses, including the 3 mandatory courses specified by the respective department subject to the following:

A student who wishes to make a non-core discipline as a Minor through the Generic Electives (GEs) shall choose to study any GE(s) of such discipline in place of the mandatory GE(s), provided he/she has already studied DSC(s) or DSE(s) or going to study DSC(s) of his/her core discipline(s) which has more than 30% similarity with the mandatory GE(s).

While UGCF 2022 aims to provide flexibility to students to opt for courses of their choice from the various pools of courses, it is **NOT** permissible to choose courses having similarity of content to the tune of 30% or more, be it similarity between a DSC and a GE or DSE and a GE or a GE and another GE. Students must consult their teacher mentor while choosing the elective/optional courses of study to avoid picking such similar courses. Credits earned by studying similar courses shall not be accounted for the award of any qualification (Certificate/Diploma/ Degree) in the following manner :

Nature of similar courses	Valid credits	Invalid Credits
Similarity between a DSC and a GE	Credits of DSC	Credits of the GE
Similarity between a DSE and a GE	Credits of DSE	Credits of the GE
Similarity between a DSE of the core discipline and a DSE of another discipline studied as a GE	Credits of DSE of the core discipline	Credits of DSE of the other discipline (non-core)
Similarity between a GE (X) and another GE (Y), where GE	Credits of GE (X) studied earlier	Credits of GE (Y)

(X) was studied before GE (Y) in a previous semester		
Similarity between a GE (X) and another GE (Y), where GE (X) and GE (Y) are studied in the same semester	Credits of that GE which the student choses to retain#	Credits of that GE which the student opts to forgo #

- Student has to give in writing a request for retaining the credits of a particular GE and forgoing the credits of the other GE.

List of Mandatory Generic Electives (GEs) Offered by Various Departments

S. No.	Department	Level	GE Mandatory	Remarks
1.	Anthropology	Level - 100	Sem 1: Biodiversity and Indigenous Knowledge	To fulfil the mandatory GE requirements, students must select at least one mandatory GE course from each level.
		Level - 200	Sem 3: Anthropology and Fieldwork	
		Level - 200	Sem 4: Tribes of India	
		Level - 300	Sem 8: Public Policy and Governance	
2.	Statistics	Level - 100	GE-1a: Basic Statistics	* Student may select any three out of the six mandatory GEs specified by the department * \$ GE course GE-2a is not mandatory for students of B.Sc. (Hons) Mathematics and B.A. (Hons) Economics.
		Level - 100	GE-2a: Introductory Probability*\$	
		Level - 200	GE-3: Elements of Sampling Distributions*	
			GE-4a: Basics of Statistical Inference*	
			GE-5a: Introduction to Statistical Linear Models*	
			GE-6a: Survey Sampling and Design of Experiments*	
3	Microbiology	Level - 100	Sem 1: GE-1 (Introduction and Scope of	Students may select any three out of

			Microbiology)	the five mandatory GEs specified by the department.
			GE-3: Food Fermentation and Preservation Techniques	
			GE-6: Microbes in Environmental Management	
			GE-8 Applications of Microbes in Biotechnology	
			GE-10: Microbial Products in Therapeutics	
4	Zoology		GE 1: Human Physiology*	A student may opt any three out of list of six GEs to fulfil the mandatory GE requirement. *These courses are not offered to the students of B.Sc. (H) Biochemistry and B.Sc. (H) Biomedical Sciences Programme.
			GE3: Economic Zoology	
			GE 8: Exploring Animal World	
			GE-10: Insect Vectors and Diseases	
			GE13: Concepts of Animal Behaviour	
			GE17: Principles of Development Biology*	
5	Psychology	100 Level	Foundations of Psychology	Students may select any three out of the four mandatory GEs designated by the department.
			Basics of Social Psychology	
		200 Level	Foundations of Developmental Psychology	
			Foundations of Inquiry in Psychology	
6	Philosophy Philosophy cntd...	100 Level	Ethics in Public Domain (EDP)	Students must select at least one course from each level to complete the seven GEs required for a 'Minor.'
		100 Level	Technology and Ethics	
		100 Level	Constitution Morality	
		100 Level	Media Ethics	

	100 Level	Philosophical Issues	
	100 Level	Arts and Film Appreciation	
	100 Level	Critical Thinking	
	100 Level	Engaged Buddhism	
	100 Level	Philosophy, Political, Economics	
	200 Level	Formal Logic	
	200 Level	Readings in Western Philosophy	
	200 Level	Philosophical Debates Western	
	200 Level	Bio Ethics	
	200 Level	Philosophy of Ambedkar	
	200 Level	Approaches of Indian Philosophy	
	200 Level	Feminism	
	200 Level	Philosophical Debates (Indian)	
	200 Level	Sikhism	
	200 Level	Philosophy of Education	
	200 Level	Fundamental of Philosophy	
	200 Level	Legal Philosophy	
	200 Level	Feminist Theory	
	200 Level	Care Ethics	
	200 Level	Philosophical Counselling	
	300 Level	Bio Politics	
	300 Level	Symbolic Logic	
	300 Level	Social & Political Philosophy	
	300 Level	Global Philosophy	

		300 Level	Philosophy of Literature	
		300 Level	Philosophical Methodology	
7	Punjabi	100 Level	Punjabi Bhasha Da Mudhla Padhar	Three mandatory GEs specified by the department.
			Viharak Punjabi	
		300 Level	Punjabi Lok Sahit	
8a	Finance and Business Economics : Bachelor of Management Studies (BMS)	200 Level	GE 3: Finance for Non Finance Executives	Three mandatory GEs specified by the department
			GE 4: Fundamentals of Marketing Management	
			GE 7: Basics of Human Resource Management	
8b	Finance and Business Economics : Bachelor of Business Economics (BBE)	100 Level	GE 1: Principles of Microeconomics	Three mandatory GEs specified by the department
			GE 13: Principles of Macroeconomics	
		200 Level	GE 6: Introduction to Finance	
8b	Finance and Business Economics : Bachelor of Business Administration (Financial Investment Analysis) (BFIA)	200 Level	GE 4: Fundamentals of Econometrics	Three mandatory GEs specified by the department
			GE 5: Essentials of Financial Investments	
			GE 13: Entrepreneurial Finance	
8b	Finance and Business Economics :	200 Level	GE 3: Advertisement and Media	Three mandatory GEs specified by the department



	B. A. (Hons) Multi Media and Mass Communication (BMMMC)		GE 4 : Reporting and Anchoring	
		300 Level	GE 9 : Development Communication	
9	Linguistics	Level 200	Language and Mind	Three mandatory GEs specified by the department
			Language Teaching	
		Level 300	Language and Translation	
10	Botany	100 Level	Plant Diversity and Human Welfare	Three mandatory GEs specified by the department
		200 Level	Plant Health and Disease Diagnostics	
		300 Level	Intelligent Systems in Plants	
11a	Home Science : Human Development and Childhood Studies	100 Level Odd Semester	Human Development Across the Lifespan – I*	Three mandatory GEs specified by the department
		100 Level Even Semester	Human Development Across the Lifespan – II*	
		200 Level	Human Development Across the Lifespan – III*	
11a	Home Science:	100 Level	Human Development Across the Lifespan – I*	Three mandatory GEs specified by the

	Human Development and Childhood Studies	Odd Semester		department
		100 Level Even Semester	Human Development Across the Lifespan – II*	
		200 Level	Human Development Across the Lifespan – III*	
I Ib	Home Science: Food and Nutrition	100 Level Odd Semester	Fundamentals of Human Nutrition *	Three mandatory GE's specified by the department
		200 Level Odd Semester	Nutrition for the Family *	
		300 Level Even Semester	Concepts in Nutritional Biochemistry *	
I Ic	Home Science: Development Communication and Extension	100 Level Odd Semester	Communication and Extension Concepts and Theories*	Three mandatory GE's specified by the department
		100 Level Even Semester	Communication Systems and Society*	
		200 Level	Extension Programme Design for Sustainable Development *	
I Id	Home Science: Fabric and Apparel Science	100 Level Odd Semester	Essentials of Textiles*	Three mandatory GE's specified by the department
		200 Level Odd Semester	Appreciation of Textiles Crafts*	
		200 Level Even Semester	Pattern Making and Apparel Construction	
I Ie	Home Science: Resource Management	100 Level Odd Semester	Essentials of Resource Management*	Three mandatory GE's specified by the department

	& Design Application	100 Level Even Semeste	Consumer Studies and Personal Finance*	
		200 Level	Sustainability and Space Design*	
11f	Home Science: Food and Technology	100 Level Odd Semester	Food Science and Nutrition*	Three mandatory GEs specified by the department
		100 Level Even Semester	Technology of Food Processing and Preservation*	
		200 Level	Chemistry of Foods	
12	Computer Science	100 Level	GE 1 a: Programming using Python	28 credits comprising seven courses to be earned as per the following details: (a) Three Mandatory GE Courses (listed in the immediate left column) (b) At least three of the following GEs: 200 Level: GE 2c: Computer System Architecture 200 Level: GE3a: Database Management Systems 200 Level: GE 5a: Operating Systems
		100 level	GE1b Programming using C++	
		200 Level	GE4a: Data Structure	

				• 300 Level: GE6a: Computer Networks • 300 Level: GE7a : Design and Analysis of Algorithms Any other 4-credit courses offered by the Department of Computer Science (DSE/DSC/GE) to complete the requirement of 28 credits.
13	Persian	100 Level Odd Semester	Introduction to Elementary Persian Language*	Three mandatory GEs specified by the department
		100 Level Even Semester	Introduction to Intermediary level Persian	
		200 Level Odd Semester	Spoken Persian – Level I	
14	Sociology	100 Level	Anyone from GE1-GE6 as provided by the Department may be considered as Mandatory course	A student may be awarded a 'Minor' in Sociology if they have: • On completion of VIII semester, earned a minimum 28 credits from seven GE courses in Sociology • Completed at least one 100 level GE Course (anyone from GE1-GE6)
		200 Level	Social Inequalities	
		200 Level	Cities and Society	
		200 Level	Understanding Development	
		300 Level	Key Debates in Sociology *	

			(any one of the 300 Level courses may be added to the pool of Mandatory course)	- Completed at least one 200 from list provided in the left - Has Completed at least one 300 level GE course *Syllabus of GE courses of 300 Level is under preparation and would be made available to choose. Department maybe contacted for the same.
15	Geography	100 Level ODD Semester	Geography of India *	* The other two mandatory GEs shall be offered in the 7 and 8 semesters, as informed by the department. Department maybe approached for further information
16	Arabic	100 Level ODD Semester	Basic Arabic Reading and Writing*	Three mandatory GEs specified by the department
		100 Level Even Semester	Elementary Arabic Grammar and Translation*	
		200 Level Even Semester	Simple Arabic Text - 2*	
17	Electronics Science B.Sc. (Hons) Instrumentation	200 Level	Nuclear & Biomedical Instrumentation (INGE4B)	Three mandatory GEs specified by the department
		200 Level	Instruments for chemical analysis (INGE5B)	

		300 Level	Instrumentation & Control (INGE7A)	
18	Electronic Science B.Sc. (Hons) Electronic Science		GE 5: Instrumentation	Three mandatory GEs specified by the department
			GE 6: Electronic Circuits and Interfacing	
			GE 14: Communication Systems	
18	Political Science	200 Level	Ideas in Indian Political Thought	Three mandatory GEs specified by the department
		100 Level	Introduction to the Indian Constitution	
		200 Level	Politics of Globalisation	
19	Sanskrit	100 Level	Basic Sanskrit	Three mandatory GEs specified by the department
		200 Level	Indian Aesthetics	
			Fundamental of Indian Philosophy	
20	Mathematics	100 Level	GE-2(ii): Introduction to Linear Algebra	The department specifies the mandatory GE courses required to earn a Minor in Mathematics. Students are required to choose at least 3 GE courses from the first and second categories, completing a total of 7 courses (3+4) across all three categories. For further clarification, students should consult the Department
		200 Level	GE-4(i): Elements of Real Analysis	
		200 Level	GE-6(iii): Abstract Algebra	
21	Music		GE 1: An Introduction of Hindustani Music	A student must complete at least 7 GE

			GE 2: Basic concepts of Hindustani Music	Music courses to earn 28 credits. For other GE courses, department may be approached.
			GE 3: Study of Hindustani Music	
			GE 4: Rudimentary elements of Hindustani Music	
			GE 5: Theory of Indian Music, Granthas & Ragas	
			GE 6: Study of Ragas, Talas and Musicology	
22	Hindi	100 Level Semester II	Sahitya Chintan	Three mandatory GEs specified by the department
		200 Level Semester IV	Hindi Sahitya ka itihas (Aadikal se madhyakal tak)	
		300 Level Semester V	Hindi Sahitya ka itihas (Adhunik kal)	
23	Physics	100 Level	Electricity and Magnetism	Three mandatory GEs specified by the department
		100 Level	Thermal Physics	
		200 Level	Quantum Mechanics	
24	History		Common Pool of GE courses are applicable for both B.A. (Hons.) and B.A. Multidisciplinary	For Minor in History apart from any 6 GE Courses chosen from the pool of GE Courses offered by History Department one DSE course of History may be taken up to complete 28 credits necessary for award of Minor in History.
			In B.A. Multidisciplinary Programme there is no provision for the GE courses till 4th Semester.	
			GE courses are allowed in 5 th & 6 th Semester	

			for B.A. Multidisciplinary Programme.	
			GE courses are allowed from 1 st to 6 th Semester for B.A. (Hons.)	
25	Geology	100 level I and II Semester	1. Essentials of Geology (1 st Semester) 2. Physics & Chemistry of Earth (2 nd Semester)	Students must select at least one course from each level to complete the seven GEs required for a 'Minor.'
		200 level III to I Semester	2. Natural Hazards and Mitigation (4 th Semester) 3. Concepts of sustainability (5 th Semester) 4. Evolution of life through time	
		300 level VII and VIII Semester	1. Geoheritage & Geotourism (7 th Semester) 2. Groundwater management and water quality (8 th Semester)	
26	Urdu	100 Level	Study of Short Story Writer Premchand	Three mandatory GEs specified by the department
		200 Level	Study of Urdu Poetry II	
		300 Level	Study of Urdu Prose II	
27	Commerce	100 Level	GE 1.1 Business Organisation	Three mandatory GEs specified by the department
		200 Level	GE 3.4 Financial Statement Analysis	
		200 Level	GE 4.4 Accounting for Managerial Decision Making	
28	Biomedical Science	200 Level	Concepts in Medicinal Chemistry	A student may select any three courses from the list of five GEs to fulfill the
		200 Level	Genetic Basis of Diseases	

		200 Level	Statistical Concepts in Biology	mandatory GE requirements.
		300 Level	Pharmacological Science	
		300 Level	Toxic Substances and Human Health	
29a	Germanic & Romance Studies: GE Papers offered by Portuguese Department	100 Level	GE1-Basic Communicative Portuguese 1	The GE courses proposed by the Department of Germanic and Romance Studies are not stand-alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do the next level course. The courses are of 4 credits (Consisting of 4 Lectures and 1 Tutorial / week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minor in the given language. Mandatory GE courses for all languages are provided in the left panel. To enable students to obtain a 'Minor'
		100 Level	GE2-Basic Communicative Portuguese 2	
		200 Level	GE3-Intermediate Communicative Portuguese 1	
29b	Germanic & Romance Studies: GE Papers offered by German Department	100 Level	GE1- Basic Communicative German 1	
		100 Level	GE2- Basic Communicative German 2	
		200 Level	GE3- Intermediate Communicative German 1	
29c	Germanic & Romance Studies: GE Papers offered by French Department	100 Level	GE1- Basic Communicative French 1	
		100 Level	GE2- Basic Communicative French 2	
		200 Level	GE3- Intermediate Communicative French 1	
29d	Germanic & Romance Studies: GE Papers offered by Spanish Department	100 Level	GE1- Basic Communicative Spanish 1	
		100 Level	GE2- Basic Communicative Spanish 2	
		200 Level	GE3- Intermediate Communicative Spanish 1	
29e	Germanic & Romance Studies: GE Papers offered by Italian Department	100 Level	GE1- Basic Communicative Italian 1	
		100 Level	GE2- Basic Communicative Italian 2	
		200 Level	GE3- Intermediate Communicative Italian 1	

				degree in a specific discipline, thereby making them eligible to apply for postgraduate programs at the University upon graduation with a 'Minor' in the respective discipline.
30.	Operational Research	100 Level	Introduction to Operational Research and Linear Programming	The department offers one GE paper in each semester.
		100 Level	Production and Inventory Management	The GEs considered mandatory to qualify as a Minor discipline in B.Sc. (Hons.) Operational Research are listed in the left panel.
		200 Level	Queueing and Reliability Theory	
		200 Level	Convex and Discrete Optimization	
		200 Level	Scheduling Techniques	
		200 Level	Quantitative Modelling in Marketing	GEs for Semester VII and Semester VIII (Level 300) will be offered once their syllabi are approved.
31	English	100 Level	Indian English Literatures	To pursue English as a Minor, a student must complete 7 GE courses: two at the 100 level, three at the 200 level, and two at the 300 level. This includes the three mandatory GE courses listed in the left panel.
		100 Level	Indian Classical Literature	
		300 Level	Culture and Theory	
32a	Biochemistry : Set I (Other courses)		BCH-GE6: Basics of Cell Biology	Students aiming to complete a 'Minor in Biochemistry' must take three mandatory GE courses as mentioned in
			BCH-GE 8: Intermediary Metabolism	
			BCH-GE11: Basics of Immunology	

				the left panel along with any four additional GE courses offered by the Department of Biochemistry.
32b	Biochemistry : Set 2 (Allied Departments - Microbiology, Biomedical Science, and Zoology)		BCHGE 5: Techniques in Biochemistry	Students pursuing a Major in allied disciplines such as Microbiology, Biomedical Science, and Zoology may also opt for a 'Minor in Biochemistry.' For these students, the three mandatory GE courses are listed in the left panel.
			BCH- GE 7: Proteins and Enzymes	
			BCH-GE12: Biochemical Correlation of Diseases	
33	Chemistry	100 Level	GE 1 : Atomic Structure	The mandatory GE courses available for students to opt are listed in the left panel.
		100 Level	GE 4 : Basic concepts of Organic Chemistry	
		200 Level	GE 7: States of Matter OR GE 8 : Chemical Kinetics and Photochemistry	
34	Environmental Science	100 Level	Environment and Society	Three mandatory GEs specified by the department
		200 Level	Human – Wildlife conflict and Management	
		300 Level	Green Technologies	
35	Economics		Principles of Microeconomics	Three mandatory GEs specified by the department
			Principles of Macroeconomics	
			Basic Statistics for Economics	