Chemical and Biological Engineering (2015)

		Course Code	Course Titile	Credits (Hour)	Remarks			Course Code		Course	e Title		Credits (Hour)	Prerequis	ite Course
General Education (10 credits)		GETE001	Thinking and Writing	2(2)				CHBE222	Introduction to Chemical and Biological Engineering				2(3)		
		GETE004	Thinking and Writing II	2(2)				CHBE223	Organic Chemistry I				3(3)		
		IFLS003	Academic English	2(4)				CHBE224	Chemical Engineering Thermodynamics				3(3)		
		IFLS004	Academic English II	2(4)			CHBE205	Biotechnology				3(3)			
		GEKS001	Freshman Seminar	1(1)			CHBE206	Fluid Mechanics				3(4)			
		GEKS002	Freshman Seminar	1(1)		Major Require	CHBE207	Physical Chemistry				3(3)			
	Ethics & Ideas	GECE		3(3)		(30 credits)		CHBE209	Engineering Mathematics				3(3)		
ore	Literature & Art	GELA		3(3)			CHBE228	Chemical and Biological Engineering Laboratory 1				1(3)			
eneral	World Cultures	GEFC		3(3)				CHBE301	Heat & Mass Transfer				3(4)		
cation	Historical Investigation	GEHI		3(3)	Choose 3			CHBE303	Reaction Engineering				3(4)		
edits)	Quantitative Research	GEQR		3(3)				CHBE331	Chemical and Biological Engineering Laboratory II				1(3)		
	Sociological Studies	GESO		3(3)				CHBE332	Chemical and Biological Engineering Laboratory III Methodology and Trends in Chemical and Biological Engineering				1(3)		
	Science & Technology	GEST		3(3)				CHBE345	Methodology and	d Trends in Chemic	1(2)				
		MATH 161	Calculus with Lab I	3(4)				CHBE304	Separation Process			3(4)	Physical Chemistry Organic Chemistry		
Major-Related General Education		MATH 162	Calculus with Lab II	3(4)		Major Elective (Intensive Advanced) (12 credits)							Organic Ch	emistry I	
		PHYS 151	General Physics I	3(4)				CHBE306	Process Control				3(4)		ngineering
		PHYS 161	General Physics Laboratory	1(3)									a (a)	Thermodyr	
		PHYS 152	General Physics II	3(4)				CHBE321	Bioprocess E		3(3)	Biotechnol	ogy		
		PHYS 162	General Physics Laboratory II	1(3)				CHBE426	26 Process and Product Design				3(4)		
	(25 credits)	CHEM 151	General Chemistry I	3(4)											
		CHEM 153	General Chemistry Laboratory I	1(3)											
		CHEM 152	General Chemistry II	3(4)		• Credits Required in Major						-			
		CHEM 154	General Chemistry Laboratory II	1(3)		Co		First Major	Intensive Major	Double Major	Dual Major	Minor	General Transfer	Undergradua Transfer	
		EGRN 151	Computer Languages Lab	3(4)	Choose 1	Pagia Cauraa						-		Transfer	
		LIBS 150	Life Sciences	3(3)		Basic Course		uired	30	30	30	30	30	Accingod	30
	-	EGRN 111	Management of Technology and Business Strategy			Advanced Course		Advanced	12		12	12	12	Assinged Required	12
		EGRN 200	Economic Investment Decision Analysis	_		Total Credits in CHBE		ctive	40	30	40	15	- 40	Credits	30
		IMEN 204	General Accounting and Cost Accounting	_					42	72	42	57	42		72
		BUSS 205	Marketing Management	-											
	neral Elective (Designated a relation to ss School Course)	BUSS 207	Financial Management	_		O Students must earn a		lit form "Dep	artment Sem	inar I,⊞"					
		BUSS 211	Introduction to Operations Management	_		Minimum Total Credi					~ ``				
Ge		BUSS 246	Management Science	_		Completion of 5 Cou	rses lectured	i in English (U	Indergraduate	e Transfer : 3	Courses)				
,		BUSS259	New Venture Creation and Management		Choose 2										
		BUSS 311	Organizational Behavior	6				.							
in		BUSS 313	International Business	_		Acquirement of Public English Pr									
in			Principles of Accounting	4		TOEIC		TOEF		TOSEL		TEPS		IELTS	
in		BUSS 152		-				CBT	IB						
in		BUSS 215	Introduction to Management Information Systems]			PBT								5.5
in						650	530	193	7	0	498		556		5.5
in		BUSS 215	Introduction to Management Information Systems	-		650			7	0	498		556		5.5
in		BUSS 215 BUSS 402	Introduction to Management Information Systems Management Strategy International Production, Purchasing			650			7	0	498		556		5.5
in		BUSS 215 BUSS 402 BUSS 333	Introduction to Management Information Systems Management Strategy International Production, Purchasing and R&D Management			650 • Acquirement of Publ	530	193				national Stu			5.5
in Busine:	neral Elective (others)	BUSS 215 BUSS 402 BUSS 333 BUSS 407 SPGE 207 This remain	Introduction to Management Information Systems Management Strategy International Production, Purchasing and R&D Management New Product Developemt and Marketing	8			530 c Korean Pro	193 oficiency Tes	t Score (TOP	IC level 4 or a		national Stu			5.5