

DE LA SALLE UNIVERSITY
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Chemical Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2022-2023

FIRST TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
NSTP101	National Service Training Program - General Orientation	0	0	0	
FNDMATH	Foundation Course in Mathematics	5	0	5	
BASCHEM	Basic Chemistry	3	0	3	
BASPHYS	Basic Physics	3	0	3	
FNDSTAT	Foundation Course in Statistics	3	0	3	
GEARTAP	Art Appreciation	3	0	3	
TOTAL		17	0	17	

SECOND TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
NSTPCW1	National Service Training Program 1	0	0	(3)	
GEMATMW	Mathematics in the Modern World	3	0	3	
GELECSP	GE Elective for Social Science and Philosophy	3	0	3	
LBYPE1A	Engineering Drawing	0	3	1	
CALENG1	Differential Calculus	3	0	3	FNDMATH
ENGCEM	Chemistry for Engineers	3	0	3	BASCHEM
LBYPH1A	Chemistry for Engineers Laboratory	0	3	1	C
ANLYCHE	Analytical Chemistry for ChE	3	0	3	BASCHEM
LBYPH1B	Analytical Chemistry for ChE Laboratory	0	6	2	C
TOTAL		15	12	19	(3)

THIRD TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
NSTPCW2	National Service Training Program 2	0	0	(3)	H
LCLSONE	Lasallian Studies 1	2	0	(1)	
LASARE1	Lasallian Recollection 1	0	0	0	
SAS1000	Student Affairs Services	0	0	0	
GEUSELF	Understanding the Self	3	0	3	
LBYPE1B	Computer-Aided Drafting	0	3	1	H
CALENG2	Integral Calculus	3	0	3	H
ENGPHYS	Physics for Engineers	3	0	3	S / H
LBYPH1A	Physics for Engineers Laboratory	0	3	1	C
ORGCH13	Organic Chemistry 1	2	0	2	H
LBYPH1C	Organic Chemistry 1 Laboratory	0	3	1	C
CHECALC	Chemical Engineering Calculations	3	3	4	H
TOTAL		16	12	18	(4)

LEGEND: H = HARD PRE-REQUISITE
S = SOFT PRE-REQUISITE
C = CO-REQUISITE

TOTAL UNITS	207 (9)
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FOURTH TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
SAS2000	Student Affairs Services 2000	0	0	0	
GELECAH	GE Elective for Arts and Humanities	3	0	3	
GETFWEL	Physical Fitness and Wellness	2	0	2	
LBYPE2A	Computer Fundamentals and Programming 1	0	3	1	
ENGMANA	Engineering Management	2	0	2	S
ENGMEC1	Statics of Rigid Bodies	3	0	3	H / S
DATAENG	Engineering Data Analysis	3	0	3	H / S
CALENG3	Differential Equations	3	0	3	H
ORGCH14	Organic Chemistry 2	2	0	2	H
TOTAL		18	3	19	

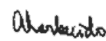
FIFTH TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
GEPCOMM	Purposive Communication	3	0	3	
GEDANCE	Physical Fitness and Wellness in Dance	2	0	2	
ENGENVI	Environmental Science and Engineering	3	0	3	H
CHEMAT4	Chemical Engineering Mathematics	3	0	3	H
PROCCEH	Chemical Process Industries	3	0	3	H
LBYPH2B	Chemical Process Industries Laboratory	0	3	1	C
PHYCHE1	Physical Principles 1	3	0	3	H / S
LBYPH2A	Physical Principles 1 Laboratory	0	3	1	C
TOTAL		17	6	19	

SIXTH TERM					
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES
LCLSTWO	Lasallian Studies 2	2	0	(1)	
LASARE2	Lasallian Recollection 2	0	0	0	
LCFAITH	Faith Worth Living	3	0	3	
GESPORT	Physical Fitness and Wellness in Individual Sports	2	0	2	
ELECCEH	Basic Electrical and Electronics Engineering for ChE	2	0	2	H
LBYPE2E	Basic Electrical and Electronics Engineering Laboratory for ChE	0	3	1	C
ECOMCHE	Engineering Economy for ChE	3	0	3	S
PHYCHE2	Physical Principles 2	3	0	3	H
LBYPH2C	Physical Principles 2 Laboratory	0	3	1	C
CHETHRM	Chemical Engineering Thermodynamics	3	0	3	H / H
TOTAL		18	6	18	(1)

NOTE TO THE STUDENTS

- Please take note that courses should not be enrolled without passing their respective pre-requisite and taking (not necessarily passed) their soft pre-requisite. Be reminded that not following so will cause the course to be INVALIDATED.
- This checklist is **tentative** and **subject to change**. Please be guided accordingly. Thank you.

Prepared and noted:


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Approved:

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SEVENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
GEETHIC	Ethics	3	0	3		
GETEAMS	Physical Fitness and Wellness in Team Sport	2	0	2		
QUANMAN	Quantitative Methods of Management	3	0	3	H / H	ENGMANA / DATAENG
MOMECH	Transport Phenomena 1: Momentum Transfer	2	3	3	H / H	CALENG3 / CHETHRM
MATSCHE	Fundamentals of Material Science and Engineering	3	0	3	S	ORGCH14
LBVMRCH	Methods of Research for Chemical Engineers	0	3	1	H / H / H	GEPCOMM / DATAENG / CHECALC
REAKCHE	Chemical Reaction Engineering and Kinetics	3	3	4	H / H	CHEMAT4 / PHYCHE2
TOTAL		16	9	19		

EIGHTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
GERIZAL	Life and Works of Rizal	3	0	3		
GESTSOC	Science, Technology and Society	3	0	3		
THSCHR1	Chemical Engineering Thesis 1	0	0	1	H	LBVMRCH
SOLUTHE	Solution Thermodynamics	1	3	2	H	CHETHRM
LBVCH3A	Thermodynamics Laboratory	0	3	1	H	CHETHRM
DYOPRO	Process Dynamics and Control	3	0	3	H	MOMECH
HEATCHE	Transport Phenomena 2: Heat Transfer	2	3	3	H	MOMECH
PARTCHE	Introduction to Particle Technology	2	3	3	C	HEATCHE
TOTAL		14	12	19		

NINTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
LCLSTRI	Lasallian Studies 3	2	0	(1)		
LASARE3	Lasallian Recollection 3	0	0	0		
LCASEAN	The Filipino and ASEAN	3	0	3		
GELEST	GE Elective for Science and Technology	3	0	3		
THSCHR2	Chemical Engineering Thesis 2	0	0	1	H	THSCHR1
CHELE01	Chemical Engineering Elective 1	3	0	3	S	CHETHRM
MASSCHE	Transport Phenomena 3: Mass Transfer	2	3	3	H	HEATCHE
SEPPROC	Separation Processes	2	3	3	C	MASSCHE
LBVCH3B	Unit Operations Laboratory 1	0	3	1	H	HEATCHE
SEMFCH	ChE Field Trips and Seminar	1	0	1	S	CHETHRM
LBVCH3C	Process Dynamics and Control Laboratory	0	3	1	H	DYOPRO
TOTAL		16	12	19 (1)		

TENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
LCENWRD	Encountering the Word in the World	3	0	3		
ENGTREP	Technopreneurship	3	0	3		
CHELE02	Chemical Engineering Elective 2	3	0	3	H	CHELE01
EQUICHE	Chemical Engineering Design 1	1	3	2	H / H / H	REAKCHE / MASSCHE / SEPPROC
LBVCH4A	Unit Operations Laboratory 2	0	3	1	H	MASSCHE
LBVCH4B	Computer Applications in Chemical Engineering	0	3	1	H / C	LBVCH2A / EQUICHE
BIOCHEE	Biochemical Engineering	3	0	3	H / H	ORGCH14 / REAKCHE
CHESAFE	Process Safety for Chemical Engineers	2	0	2	H	SEMFCH
LAWSCH	Laws and Ethics for Chemical Engineers	1	0	1	C	CHESAFE
TOTAL		16	9	19		

ELEVENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
SAS3000	Student Affairs Services 3000	0	0	0		
GERPHIS	Readings in Philippine History	3	0	3		
GEWORLD	Contemporary World	3	0	3		
CHELE03	Chemical Engineering Elective 3	3	0	3	H	CHELE02
INCOCH	Course Integration for Chemical Engineering	0	6	2	H / H	MASSCHE / SEPPROC
CAPSCHE	Chemical Engineering Design 2	2	3	3	H	EQUICHE
INWAMAC	Industrial Waste Management and Control	3	0	3	H / S	ENGENVI / BIOCHEE
LBVCH3A	Intelligent Engineering Systems	0	3	1	H / S	LBVCH2A / DATAENG
TOTAL		14	12	18		

TWELFTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
PRGCECH	Chemical Engineering Practicum	0	480	3	H	ALL COURSES TAKEN
TOTAL		0	480	3		

TOTAL UNITS	76	534	97 (1)
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