

DE LA SALLE UNIVERSITY
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Chemical Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2020-2021

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		
GELECS	GE Elective for Social Science and Philosophy	3	0	3		
LBYME1A	Engineering Drawing	0	3	1		
CALENG1	Differential Calculus	3	0	3	H	FNDMATH
ENGCHEM	Chemistry for Engineers	3	0	3	H	BASCHEM
LBYCH1A	Chemistry for Engineers Laboratory	0	3	1	C	ENGCHEM
ANLYCHE	Analytical Chemistry for ChE	3	0	3	H	BASCHEM
LBYCH1B	Analytical Chemistry for ChE Laboratory	0	6	2	C	ANLYCHE
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	NSTPCW1
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		
LBYME1B	Computer-Aided Drafting	0	3	1	H	LBYME1A
CALENG2	Integral Calculus	3	0	3	H	CALENG1
ENGPYS	Physics for Engineers	3	0	3	S / H	CALENG1 / BASPHYS
LBYPH1A	Physics for Engineers Laboratory	0	3	1	C	ENGPYS
ORGCH13	Organic Chemistry 1	2	0	2	H	ANLYCHE
LBYCH1C	Organic Chemistry 1 Laboratory	0	3	1	C	ORGCH13
CHECALC	Chemical Engineering Calculations	3	3	4	H	ANLYCHE
TOTAL		16	12	18	(4)	

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

TOTAL UNITS	207 (9)
--------------------	----------------

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		
LBYES2A	Computer Fundamentals and Programming 1	0	3	1		
ENGMANA	Engineering Management	2	0	2	S	CALENG1
ENGMEC1	Statics of Rigid Bodies	3	0	3	H / S	ENGPYS / CALENG2
DATAENG	Engineering Data Analysis	3	0	3	H / S	FNDSTAT / CALENG2
CALENG3	Differential Equations	3	0	3	H	CALENG2
ORGCH14	Organic Chemistry 2	2	0	2	H	ORGCH13
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	ENGCHEM
CHEMAT4	Chemical Engineering Mathematics	3	0	3	H	CALENG3
PROCHE	Chemical Process Industries	3	0	3	H	ORGCH14
LBYCH2B	Chemical Process Industries Laboratory	0	3	1	C	PROCHE
PHYCHE1	Physical Principles 1	3	0	3	H / S	ORGCH13 / CALENG3
LBYCH2A	Physical Principles 1 Laboratory	0	3	1	C	PHYCHE1
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		
GESPOR	Physical Fitness and Wellness in Individual Sports	2	0	2		
ELECCHE	Basic Electrical and Electronics Engineering for ChE	2	0	2	H	ENGPYS
LBYES2E	Basic Electrical and Electronics Engineering Laboratory for ChE	0	3	1	C	ELECCHE
ECOMCHE	Engineering Economy for ChE	3	0	3	S	CALENG1
PHYCHE2	Physical Principles 2	3	0	3	H	PHYCHE1
LBYCH2C	Physical Principles 2 Laboratory	0	3	1	C	PHYCHE2
CHETHRM	Chemical Engineering Thermodynamics	3	0	3	H / H	PHYCHE1 / CHECALC
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:

Approved:

DR. AILEEN H. ORBECIDO
Chair, Chemical Engineering Department

ENGR. DENNIS E. CRUZ
Associate Dean, John Gokongwei Jr. College of Engineering

DE LA SALLE UNIVERSITY
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Chemical Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2020-2021

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
MOMECHE	Transport Phenomena 1: Momentum Transfer	2	3	3	H / H	CALENG3 / CHETHRM
MATSCH	Fundamentals of Material Science and Engineering	3	0	3	S	ORGCH14
LBYCHMR	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		
THSCH01	Chemical Engineering Thesis 1	0	0	1	H	LBYCHMR
SOLUTHE	Solution Thermodynamics	1	3	2	H	CHETHRM
LBYCH3A	Thermodynamics Laboratory	0	3	1	H	CHETHRM
DYCOPRO	Process Dynamics and Control	3	0	3	H	MOMECHE
HEATCHE	Transport Phenomena 2: Heat Transfer	2	3	3	H	MOMECHE
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		
GELECST	GE Elective for Science and Technology	3	0	3		
THSCH02	Chemical Engineering Thesis 2	0	0	1	H	THSCH01
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
LBYCH3B	Unit Operations Laboratory 1	0	3	1	H	HEATCHE
SEMICHE	ChE Field Trips and Seminar	1	0	1	S	HEATCHE
LBYCH3C	Process Dynamics and Control Laboratory	0	3	1	H	DYCOPRO
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
LBYCH4A	Unit Operations Laboratory 2	0	3	1	H	MASSCHE
LBYCH4B	Computer Applications in Chemical Engineering	0	3	1	H / C	LBYEC2A / EQUICHE
BIOCHEE	Biochemical Engineering	3	0	3	H / H	ORGCH14 / REAKCHE
SAFECH	Process Safety for Chemical Engineers	2	0	2	H	SEMICHE
CHELAWS	Laws and Ethics for Chemical Engineers	1	0	1	C	SAFECH
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
INOCHE	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
LBYEC3A	Intelligent Engineering Systems	0	3	1	H / S	LBYEC2A / DATAENG
TOTAL		14	12	18		

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

TOTAL UNITS	177	573	207 (9)
--------------------	------------	------------	----------------