

DE LA SALLE UNIVERSITY
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Chemical Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2023-2024

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		
LCC..01	Lasallian Core Curriculum (Placeholder 01)	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)		
LCC..02	Lasallian Core Curriculum (Placeholder 02)	3	0	3		
LCC..03	Lasallian Core Curriculum (Placeholder 03)	3	0	3		
LBYPE1A	Engineering Drawing	0	3	1		
CALENG1	Differential Calculus	3	0	3	H	FNDMATH
ENGSCHEM	Chemistry for Engineers	3	0	3	H	BASCHEM
LBYPCH1A	Chemistry for Engineers Laboratory	0	3	1	C	ENGSCHEM
ANLYCHE	Analytical Chemistry for ChE	3	0	3	H	BASCHEM
LBYPCH1B	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		
LCC..04	Lasallian Core Curriculum (Placeholder 04)	3	0	3		
LBYPE1B	Computer-Aided Drafting	0	3	1	H	LBYPE1A
CALENG2	Integral Calculus	3	0	3	H	CALENG1
ENGPHYS	Physics for Engineers	3	0	3	S / H	CALENG1 / BASPHYS
LBYPH1A	Physics for Engineers Laboratory	0	3	1	C	ENGPHYS
ORGCH13	Organic Chemistry 1	2	0	2	H	ANLYCHE
LBYPCH1C	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)
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FOURTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
SAS2000	Student Affairs Services 2000	0	0	0		
LCC..05	Lasallian Core Curriculum (Placeholder 05)	3	0	3		
PE1CRDO	Cardio Fitness	2	0	2		
LBYPE2A	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	ENGPHYS / 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	
LCC..06	Lasallian Core Curriculum (Placeholder 06)	3	0	3		
PE2FTEX	Functional Exercise	2	0	2	H	PE1
ENGENVI	Environmental Science and Engineering	3	0	3	H	ENGSCHEM
CHEMAT4	Chemical Engineering Mathematics	3	0	3	H	CALENG3
PROCCHIE	Chemical Process Industries	3	0	3	H	ORGCH14
LBYPCH2B	Chemical Process Industries Laboratory	0	3	1	C	PROCCHIE
PHYCHE1	Physical Principles 1	3	0	3	H / S	ORGCH13 / CALENG3
LBYPCH2A	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		
LCC..07	Lasallian Core Curriculum (Placeholder 07)	3	0	3		
PETHREE	Generic Code	2	0	2	H	PE1, PE2, PE3
ELECCHIE	Basic Electrical and Electronics Engineering for ChE	2	0	2	H	ENGPHYS
LBYPE2E	Basic Electrical and Electronics Engineering Laboratory for ChE	0	3	1	C	ELECCHIE
ECOMCHE	Engineering Economy for ChE	3	0	3	S	CALENG1
PHYCHE2	Physical Principles 2	3	0	3	H	PHYCHE1
LBYPCH2C	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:



DR. ARNEL B. BELTRAN
Chair, Department of Chemical Engineering

Approved:

ENGR. MARIA ANTONETTE ROQUE
Associate Dean, Gokongwei College of Engineering

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SEVENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
LCC..08	Lasallian Core Curriculum (Placeholder 08)	3	0	3		
PEDFOUR	Generic Code	2	0	2	H	PE1, PE2, PE3
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	
LCC..09	Lasallian Core Curriculum (Placeholder 09)	3	0	3		
LCC..10	Lasallian Core Curriculum (Placeholder 10)	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
DYCOPRO	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		
LCC..11	Lasallian Core Curriculum (Placeholder 11)	3	0	3		
LCC..12	Lasallian Core Curriculum (Placeholder 12)	3	0	3		
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
LAWSCHE	Laws and Ethics for Chemical Engineers	1	0	1	C	SEMFCH
LBVCH3C	Process Dynamics and Control Laboratory	0	3	1	H	DYCOPRO
TOTAL		17	12	19 (1)		

TENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
LCC..13	Lasallian Core Curriculum (Placeholder 13)	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
THSCHR2	Chemical Engineering Thesis 2	0	0	1	H	THSCH01
TOTAL		15	9	19		

ELEVENTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
SAS3000	Student Affairs Services 3000	0	0	0		
LCC..14	Lasallian Core Curriculum (Placeholder 14)	3	0	3		
LCC..15	Lasallian Core Curriculum (Placeholder 15)	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	
PRCGECH	Chemical Engineering Practicum	0	480	3	H	ALL COURSES TAKEN
TOTAL		0	480	3		

TOTAL UNITS	76	534	97 (1)
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