

**DE LA SALLE UNIVERSITY**  
GOKONGWEI COLLEGE OF ENGINEERING  
**Bachelor of Science and Master of Science in Chemical Engineering (BS-MS ChE)**  
CHECKLIST FOR FRESHMEN WHO STARTED AY 2019-2020

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		
<b>TOTAL</b>		<b>17</b>	<b>0</b>	<b>17</b>		

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		
GETFWEL	Physical Fitness and Wellness	2	0	2		
LBYPE1A	Engineering Drawing	0	3	1		
CALENG1	Differential Calculus	3	0	3	H	FNDMATH
ENGCHEM	Chemistry for Engineers	3	0	3	H	BASCHEM
LBYPH1A	Chemistry for Engineers Laboratory	0	3	1	C	ENGCHEM
ANLYCHE	Analytical Chemistry for ChE	3	0	3	H	BASCHEM
LBYPH1B	Analytical Chemistry for ChE Laboratory	0	6	2	C	ANLYCHE
<b>TOTAL</b>		<b>14</b>	<b>12</b>	<b>18</b>	<b>(3)</b>	

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		
GEDANCE	Physical Fitness and Wellness in Dance	2	0	2		
GEFIL1	Introduksyon sa Filipinohiya	3	0	3		
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
LBYPH1C	Organic Chemistry 1 Laboratory	0	3	1	C	ORGCH13
CHECALC	Chemical Engineering Calculations	3	3	4	H	ANLYCHE
<b>TOTAL</b>		<b>18</b>	<b>9</b>	<b>19</b>	<b>(4)</b>	

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

**TOTAL UNITS**

**234 (9)**

FOURTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
GEFIL2	Mga Usaping Pang-wika sa Iba't ibang Larangan	3	0	3		
GESPORT	Physical Fitness and Wellness in Individual Sports	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
<b>TOTAL</b>		<b>18</b>	<b>3</b>	<b>19</b>		

FIFTH TERM						
COURSE	COURSE TITLE	LEC	LAB	UNITS	PRE-REQUISITES	
GEPCOMM	Purposive Communication	3	0	3		
GETEAMS	Physical Fitness and Wellness in Team Sport	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
LBYPH2B	Chemical Process Industries Laboratory	0	3	1	C	PROCHE
PHYCHE1	Physical Principles 1	3	0	3	H / S	ORGCH13 / CALENG3
LBYPH2A	Physical Principles 1 Laboratory	0	3	1	C	PHYCHE1
<b>TOTAL</b>		<b>17</b>	<b>6</b>	<b>19</b>		

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		
GEUSELF	Understanding the Self	3	0	3		
ELECCE	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	ELECCE
ECOMCHE	Engineering Economy for ChE	3	0	3	S	CALENG1
PHYCHE2	Physical Principles 2	3	0	3	H	PHYCHE1
LBYPH2C	Physical Principles 2 Laboratory	0	3	1	C	PHYCHE2
CHETHRM	Chemical Engineering Thermodynamics	3	0	3	H / H	PHYCHE1 / CHECALC
<b>TOTAL</b>		<b>19</b>	<b>6</b>	<b>19</b>	<b>(1)</b>	

**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, Gokongwei College of Engineering