

De La Salle University
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Industrial Engineering with Specialization in Service Management and Master of Science in Industrial Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2022-2023

FIRST TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
NSTP101	NSTP Orientation	0		
FNDMATH	Foundation Course for Mathematics	5		
BASCHEM	Foundation Course for Chemistry	3		
BASPHYS	Foundation Course for Physics	3		
FNDSTAT	Foundation Course for Statistics	3		
LBYME1C	Computer-Aided Drafting	1		
TOTAL		15		
SECOND TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
GEMATMW	Mathematics in the Modern World	3		
GERIZAL	Life and Works of Rizal	3		
CALENG1	Differential Calculus	3	H	FNDMATH
ECOPRIN	Principles of Economics	3		
LBYEC2A	Computer Fundamentals and Programming 1	1		
IETHERM	Basic Engineering Thermodynamics for IE	3	H / H	FNDMATH / BASPHYS
INMANAC	Managerial Accounting for IE Majors (1/3)	2		
NSTPCW1	National Service Training Program 1	(3)		
TOTAL		18 (3)		
THIRD TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
SAS1000	Student Affairs Services Orientation	0		
NSTPCW2	National Service Training Program 2	(3)	H	NSTP - R1/C1
LCLSONE	Lasallian Studies 1	(1)		
LASARE1	Lasallian Recollection 1	0		
GELECSP	G.E. Elective Social Science and Philosohey	3		
GEARTAP	Art Appreciation	3		
CALENG2	Integral Calculus	3	H	CALENG1
ENGCHEM	Chemistry for Engineering	3	H	BASCHEM
LBYPH1A	Chemistry for Engineering Lab	1	C	ENGCHEM
INCOSAC	Cost Accounting for IE Majors (1/3)	2	H	INMANAC
LBYIE2B	CATIA for IE	1	H	LBYME1C
GEUSELF	Understanding the Self	3		
TOTAL		19 (4)		

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

TOTAL UNITS
197 (9) units for BS IE-SM
36 units for MSIE
233 units

FOURTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
GELECAH	G.E. Elective Arts and Humanities	3		
GEFTWEL	Physical Fitness and Wellness	2		
CALENG3	Differential Equations	3	H	CALENG2
ENGDAT1	Probability and Statistics for IE	3	S / H	CALENG2 / FNDSTAT
ENGPHYS	Physics for Engineering	3	S / H	CALENG1 / BASPHYS
LBYPH1A	Physics for Engineering Lab	1	C	ENGPHYS
ENGENV1	Environmental Science and Engineering	3	H	ENGCHEM
LBYEC2B	Computer Fundamentals and Programming 2	1	H	LBYEC2A
TOTAL		19		
FIFTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
GEPCOMM	Purposive Communication	3		
GEDANCE	Physical Fitness and Wellness in Dance	2		
INDUMAT	Advanced Mathematics for Industrial Engineering	3	H	CALENG3
ENGDAT2	Statistical Analysis for Industrial Engineers	2	H	ENGDAT1
LBYIE2C	Statistical Analysis for Industrial Engineers Lab	1	C	ENGDAT2
PROMGT1	Operations Management	4	C	ENGDAT2
ENGMECH	Engineering Mechanics for IE	3	H / S	ENGPHYS / CALENG2
SAS2000	Student Affairs Services Orientation 2	0	H	SAS1000
TOTAL		18		
SIXTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
LCLSTWO	Lasallian Studies 2	(1)		
LCFAITH	A Faith Worth Living	3		
LASARE2	Lasallian Recollection 2	0		
IEOPER1	Operations Research 1	3	H	INDUMAT
INDUORG	Industrial Organization and Management	3	S	PROMGT1
BIOERG1	Physical Ergonomics	1	S	ENGDAT2
LBYIE2E	Physical Ergonomics Lab	1	C / S	BIOERG1/ ENGDAT2
MATEPRO	Industrial Materials and Processes	2	S / S	ENGCHEM / ENGPHYS
LBYIE2A	Industrial Materials and Processes Lab	1	C	MATEPRO
IEECONO	Engineering Economics for IE Majors	3	S / S	ENGDAT1 / INCOSAC
LBYEC3C	Intelligent Engineering Systems	1	H / S	LBYEC2B / ENGDAT1
TOTAL		18 (1)		

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-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

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SEVENTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
GESPORT	Physical Fitness and Wellness in Individual Sport	2		
GEETHIC	Ethics	3		
IEOPER2	Operations Research 2	3	H	IEOPER1
PROMGT2	Work Study and Measurement	3	S / S	PROMGT1 / BIOERG1
LBYIE3A	Work Study and Measurement Lab	1	C	PROMGT2
SYSENG1	Systems Engineering 1 Lecture	2	C / S / S	PROMGT2 / INDUORG / IEECONO
LBYIE3J	Operations Research Lab	1	C	IEOPER2
COGERG2	Cognitive Ergonomics	1	S	BIOERG1
LBYIE3C	Cognitive Ergonomics Lab	1	C / S	COGERG2 / LBYIE2C
IMEMARK	Industrial Marketing	2		
TOTAL		19		
EIGHTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
GETEAMS	Physical Fitness and Wellness in Teams Sport	2		
GESTSOC	Science, Technology and Society	3		
IEOPER3	Operations Research 3	3	S	IEOPER2
FACILIT	Facilities Planning	2	S / S	IEOPER2 / PROMGT2
SYSENG2	Systems Engineering 2 Lecture	2	H / S	SYSENG1 / IEOPER1
THSIE3C	Capstone Design Project 1	1	S	SYSENG1
INFORSY	Information Systems	2	S	SYSENG1
LBYIE3F	Information Systems Lab	1	C	INFORSY
IEMERES	Methods of Research for IE	3	H / S	GEPCOMM / COGERG2
			S / S	IEOPER2 / PROMGT2
IEN534M	Six Sigma Quality Systems (X6SIGMA) (MAJISE2)	3		
IEN513M	Data Analytics for IE (COEMAT1)	3		
TOTAL		25		
NINTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
LCLSTRI	Lasallian Studies 3	(1)		
GELECST	G.E. Elective Science and Technology	3		
LCASEAN	The Philippines and the ASEAN	3		
LASARE3	Lasallian Recollection 3	0		
INFIMAN	Finacial Management for IE Majors	2	S	IEECONO
THSIE3D	Capstone Design Project 2	1	S / H	SYSENG2 / THSIE3C
PROMGT3	Quality Management Systems	3	S / S / S	ENGDAT2 / LBYIE2A / PROMGT1
IEPRODE	Product Design	1	S / S	COGERG2 / LBYIE3C
LBYIE3G	Product Design Lab	1	C / S	IEPRODE / LBYIE2B
SERVOPM	Service Operations Management	3	S	SYSENG2
LBYIE3I	Service Operations Management Applications	1	C	SERVMAN (IEN530M)
SIMUDIS	System Simulation	1	S	IEOPER3
MAJISE1	Major Course 1 for BSMS IE-SM	3		
COEMAT2	Advanced Math 2 for BSMS IE	3		
TOTAL		25 (1)		

TENTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
LCENWRD	Encountering the Word in the World	3		
SRSTSYS	Restaurant Systems and Services	2	S	SERVOPM
SBNKSYS	Banking Systems and Services	2	S	SERVOPM
LBYIE4E	System Simulation Lab	1	S	SIMUDIS
INDFEAS	Project Feasibility	3	H / S / H	ECOPRIN / INFIMAN / IMEMARK
IEOCSAF	Occupational Safety and Health for IE	3	S / S	PROMGT2 / BIOERG1
IEN531M	Inbound/Outbound Logistics (XLOGIST) (MAJISE3)	3	S	FACILIT
SAS3000	Student Affairs Services Orientation 3	0	H	SAS2000
IEN573M	Total Quality & Environmental Management (ELEISE1)	3		
IEN532M	Lean Manufacturing (XLEANMA) (MAJISE4)	3		
RESIEBM	Research Study for BSMS IE	1	H	IEMERES
TOTAL		24		
ELEVENTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
PRCIE4B	IE Industry Immersion	3	S / S	IEMERES / SUPCHAN
			S / S	INDFEAS / IEOCSAF
			S / S / S	IEPRODE / INFORSY / MATEPRO
	* must have taken up all IE professional courses		S / S / S	PROMGT3 / IEOPER3 / SYSENG2
			S	SAS3000
TOTAL		3		
TWELFTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
GERPHIS	Readings in the Philippine History	3		
GEWORLD	The Contemporary World	3		
COE571M	Technology and Entrepreneurship (ELEISE2)	3		at least 3rd year standing
SRTL SYS	Retail Systems and Services	2	S	SERVMAN
SHEL CAR	Healthcare Systems and Services	2	S	SERVMAN
DYNSYST	System Dynamics	1	S	SYSENG2
LBYIE4A	System Dynamics Lab	1	C	DYNSYST
ELEPRIN	Elementary Electrical Engineering for IE	3	H	ENGPHYS
COE5200	Methods of Research (for M. Eng. & MS students only)	3		
MAJISE5	Major Course 5 for BSMS IE-SM	3		
	Comprehensive Exam	0		
TOTAL		24		
THIRTEENTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
IEN851M	Project Study 1 for MS IE	3		
TOTAL		3		
FOURTEENTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
IEN852M	Project Study 2 for MS IE	3		
TOTAL		3		