

Program Checklist

Individual course checklists provide students with information on where they are at any point in their course of study. This serves to guide the student on the appropriate courses to take upon each enrolment, particularly if pre-requisite courses are required.

Program Checklist for Freshmen who started AY 2014-2015

FIRST TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
NSTP101	National Service Training Program General-Orientation	0		
PERSEF1	Personal Effectiveness 1	(2)		
LASARE1	Lasallian Recollection 1	0		
FITWELL	Physical Fitness and Wellness	2		
ENGALG1	College Algebra for Engineering	3		
ENGTRIG	Plane and Spherical Trigonometry for Engineering	3	C	ENGALG1
ENGLCOM	Basic Communication and Study Skills	3		
CHEMONE	General Chemistry 1	3		
LBYCH11	General Chemistry 1 Laboratory	1	C	CHEMONE
GRAPONE	Engineering Graphics 1	1		
TOTAL		16 (2)		
SECOND TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
NSTP-R1/C1	National Service Training Program 1	(3)		
ENGLRES	Basic Research Skills / English for Special Purposes	3	H	ENGLCOM
FTSPORT	Physical Fitness and Wellness in Individual/Dual Sports	2	S	FITWELL
FILKOMU	Komunikasyon sa Araling Pilipino	3		
LBYMEEA	Engineering Graphics II (CAD)	1	H	GRAPONE
SOCTEC1	Science, Technology and Society 1	3		
SOLIMEN	Solid Mensuration	2	C	ANAGEOM
DIFFCAL	Differential Calculus	4	H / C	ENGTRIG / ANAGEOM
			H	ENGALG1
ANAGEOM	Analytic Geometry	2	H/H	ENGALG1/ ENGTRIG
TOTAL		20 (3)		
THIRD TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
SAS1000	Students Affairs Services 1000	0		
NSTP-R2/C2	National Service Training Program 2	(3)	H	NSTP- R1/C1
SPEECOM	Oral Communication / Advanced Speech Class	3	H	ENGLCOM
FTDANCE	Physical Fitness and Wellness in Dance	2	S	FITWELL
FILDLAR	Pagbasa at Pagsulat sa Iba't - Ibang Disiplina / Larangan	3	H	FILKOMU
ENGPHY1	Engineering Physics 1	3	S	DIFFCAL
LBYPH11	Physics Laboratory 1	1	C	ENGPHY1
INTECAL	Integral Calculus	4	H	DIFFCAL
ENGALG2	Advanced Algebra for Engineering	2	H	ENGALG1
TREDONE	Humanity's Search for Life	3		
TOTAL		21 (3)		
FOURTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
TREDTWO	The Filipino Christian in a Changing World	3	H	TREDONE
IMEENVI	Environmental Engineering for IEs	2	S	CHEMONE
ENGPHY2	Engineering Physics 2	3	H	ENGPHY1
LBYPH12	Physics Laboratory 2	1	H / C	LBYPH11 / ENGPHY2
STATICS	Technical Mechanics I	3	H / S	ENGPHY1/INTECAL
ENGIANA	Differential Equations	3	H	INTECAL
ECONOMY	Economics Analysis	3	S	DIFFCAL
LASARE2	Lasallian Recollection 2	0	H	LASARE1
TOTAL		18		
FIFTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
ELENPRI	Electrical Engineering Fundamentals	3	H	ENGPHY2
DYNAMIC	Technical Mechanics II	2	H	STATICS
LBYEC71	Engineering Computer Programming 1	1	S	ENGALG1
LBYEC74	Electrical Circuits Laboratory	1	H / C	LBYPH12 / ELENPRI
QUAMET1	Probability and Statistics	3	H	INTECAL
IEMANAC	Industrial Managerial Accounting	2		
INDUPRO	Introduction to Industrial Processes	2	S	LBYMEEA
INDUSMA	Industrial Marketing	2	S	ECONOMY
LBYME31	Machine Shop Laboratory	1	S	LBYMEEA
ENGSAFE	Safety Management for Engineering	1		
TOTAL		18		

SIXTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
FTTEAMS	Physical Fitness and Wellness in Teams Sports	2	S	FITWELL
HUMAART	Introduction to Art	3	H	ENGLRES
MEDEFOR	Strength of Materials	3	S	DYNAMIC
QUAMET2	Advanced Quantitative Analysis	2	H / C	QUAMET1 / LBYIMEA
LBYIMEA	Advanced Quantitative Analysis Laboratory	1	C	QUAMET2
IMEMATH	Industrial Engineering Mathematics	3	H	ENGIANA
LBYEC72	Engineering Computer Programming 2	1	H	LBYEC71
IECOSAC	Industrial Cost Accounting	2	H	IEMANAC
THERMO1	Basic Engineering Thermodynamics	3	S	INTECAL
TOTAL		20		
SEVENTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
SOCTEC2	Science , Technology and Society 2	3	H	SOCTEC1
IMEPRO1	Production and Operations Management	3	S / S	INDUPRO/QUAMET2
ERGBIO1	Biomechanics	1	S	QUAMET2
LBYIMEB	Lab for App. of Tools & Techniques in Physical Ergo	1	C/H	ERGBIO1/LBYIMEA
INOPER1	Operations Research 1	3	H / S	IMEMATH / QUAMET1
IEMECON	Engineering Economy for IE Majors	3	S / S	QUAMET1 / IECOSAC
HUBEHOR	Human Behavior in Organization	3		
PERSEF2	Personal Effectiveness 2	(2)	H	PERSEF1
TOTAL		17 (2)		
EIGHTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
DEANSYS	System Analysis and Design	2	S / S	IMEENVI / IMEPRO1
			S / S	INOPER1 / ERGBIO1
			S / C	HUBEHOR / IEFINMT
LBYIEED	System Analysis and Design Laboratory	1	C	DEANSYS
IMEMATS	Materials Science and Engineering	3	S	MEDEFOR
IMEPRO2	Methods and Work Study	4	H / S	IMEPRO1 / ERGBIO1
LBYIMEE	Introduction to Methods Engineering Laboratory	1	C	IMEPRO2
ERGCOG2	Cognitive Ergonomics	1	S	ERGBIO1
LBYIMEC	Lab for App. of Tools & Techniques in Cognitive Ergo	1	S / C	LBYIMEB / ERGCOG2
INOPER2	Operations Research 2	3	H	INOPER1
IEFINMT	Industrial Financial Management	2	H	IEMECON
TOTAL		18		
NINTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
MERESIE	Methods of Research for IE	3	H / S	ENGLRES/ERGCOG2
			S / S	INOPER2 / IMEPRO1
FACPLAD	Facilities Planning and Design	3	S / S	IMEPRO2 / INOPER2
			S	ERGBIO1
IMEPRO3	Statistical Process Control and Quality Systems	3	S/H	IMEPRO2/QUAMET2
			H	LBYIMEA
PRODSCI	Product Design Lecture	1	S / S	ERGCOG2 / IMEMATS
			C / S	LBYME32 / LBYME31
LBYIMEF	Product Design Laboratory	1	S / C	LBYIMEC / PRODSCI
INOPER3	Operation Research 3	3	S	INOPER2
SYSINFO	Management Information System	3	S / S	DEANSYS/LBYIEED
LBYME32	CATIA for IEs	1	S	LBYME32
TOTAL		18		
TENTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
PRCIEE1	Industrial Engineering Practicum	2	H / S	PERSEF2 / FACPLAD
			S / S	IMEPRO3 / PRODSCI
			S / S	LBYIMEF / INOPER3
			S / S	SYSINFO / LBYME32
TOTAL		2		
ELEVENTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
TREDTRI	The Christian and the Word	3	H	TREDTWO
GREATWK	Great Works	3		
THSIEE1	Thesis 1 for IE	1	H / S	PRCIEE1 / MERESIE
ORE1LEC	Special Topics in Industrial Engineering 1	3	H	PRCIEE1
PRO1LEC				
ERG1LEC				
DISCSIM	System Simulation	1	S / S / S	LBYEC72/DEANSYS/ INOPER3
LBYIEEG	System Simulation Laboratory	1	C	DISCSIM
ADSYSMA	Advanced Manufacturing System	3	H	PRCIEE1

GREENPR	Clean Production	3	H	PRCIEE1
IPERSEF	Integrating Course for Personal Effectiveness	0	H	PERSEF2
LASARE3	Lasallian Recollection 3	0	H	LASARE2
TOTAL		18		
TWELFTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
THSIEE2	Thesis 2 for IE	1	H	THSIEE1
INTFILO	Introduction to Philosophy	3		
PROFEAS	Feasibility Study	3	S / S / H	INDUSMA/DEANSYS/ IEFINMT
ORE2LEC				
PRO2LEC	Special Topics in Industrial Engineering 2	3	H	PRCIEE1
ERG2LEC				
SYSDYN1	System Dynamics	1	S	DISCSIM
LBYIEEH	System Dynamics Laboratory	1	S / C	LBYIEEG / SYSDYN1
KASPIL1	Pag-aaral sa Buhay, mga Akda at Nagawa ni Dr. Jose Rizal	3		
HUMALIT	Introduction to Literature	3		ENGLRES
TOTAL		18		
THIRTEENTH TERM				
COURSE	COURSE TITLE	UNITS		PREREQUISITES
TREDFOR	The Christian Vocation of Life	3	H	TREDTRI
KASPIL2	Kasaysayan ng Pilipinas	3	H	KASPIL1
THSIEE3	Thesis 3 for IE	1	H	THSIEE2
ADSEMI1	Advanced Seminar for Industrial Engineering Majors	1	H	PRCIEE1
ORE3LEC				
PRO3LEC	Special Topics in Industrial Engineering 3	3	H	PRCIEE1
ERG3LEC				
SYSDYN2	Advanced System Dynamics	1	H	SYSDYN1
LBYIEEI	Advanced System Dynamics Laboratory	1	C / S	SYSDYN2 / LBYIEEH
OCCHSAF	Occupational Safety and Health	3	H	PRCIEE1
TOTAL		16		

LEGEND:

H = HARD PRE-REQUISITE

S = SOFT PRE-REQUISITE

C = CO – REQUISITE

TOTAL UNITS:**220 (10)**