

De La Salle University
GOKONGWEI COLLEGE OF ENGINEERING

BSMS in Civil Engineering (Honors Program) with Specialization in Transportation Engineering

CHECKLIST FOR FRESHMEN WHO STARTED AY 2025-2026

FIRST TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
NSTP101	National Sevice Training Program-General Orientation	0		
FNDMATH	Foundation Course in Mathematics	5		
BASCHEM	Basic Chemistry	3		
PHYSC01	Physics Fundamentals for Science and Engineering	3		
FNDSTAT	Foundation Course in Statistics	3		
LBYME1A	Engineering Drawing	1		
CEORIEN	CE Orientation	2		
TOTAL		17		
SECOND TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
NSTPCW1	National Service Training Program 1	(3)		
LCC..01	Lasallian Core Curriculum (Place Holder 01)	3		
LCC..02	Lasallian Core Curriculum (Place Holder 02)	3		
CESURVE	Fundamentals of Surveying	3	H / S	LBYME1A / FNDMATH
CALENG1	Differential Calculus	3	H	FNDMATH
ENGCHEM	Chemistry for Engineers	3	H	BASCHEM
LBYCH1A	Chemistry for Engineers Laboratory	1	C	ENGCHEM
TOTAL		16		
THIRD TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
NSTPCW2	National Service Training Program 2	(3)	H	NSTPCW1
LCLSONE	Lasallian Studies 1	(1)		
SAS1000	Student Affairs Services 1000	0		
LASARE 1	Lasallian Recollection 1	0		
ENGPHS1	Physics for Engineers	3	H / S	PHYSC01 / CALENG1
LBYPH1A	Physics for Engineers Laboratory	1	C	ENGPHS1
LBYCV1A	Elementary Surveying Laboratory	1	H	CESURVE
ENGENVI	Environmental Science and Engineering	3	H	ENGCHEM
CEECONO	Engineering Economy for CIV	3	S	CALENG1
CEGEOLO	Geology for CIV	2	H	ENGCHEM
CALENG2	Integral Calculus	3	H	CALENG1
LCC..03	Lasallian Core Curriculum (Place Holder 03)	3		
TOTAL		19		

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

TOTAL UNITS:235 (9)

FOURTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
SAS2000	Student Affairs Services 2000	0		
LCC..04	Lasallian Core Curriculum (Place Holder 04)	3		
PE1CRDO	Physical Fitness and Wellness	2		
LBYCV2A	Higher Surveying Laboratory	1	H	LBYCV1A
DATAENG	Engineering Data Analysis	3	H / S	FNDSTAT / CALENG2
ENGMEC1	Statics of Rigid Bodies	3	H / S	ENGPHS1 / CALENG2
CEHDROL	Hydrology	2	H / S	ENGENVI / CEGEOLO
LBYCV2B	Hydrology Laboratory	1	C	CEHDROL
LBYME1B	Computer Aided Drafting	1	H	LBYME1A
CALENG3	Differential Equations	3	H	CALENG2
TOTAL		19		
FIFTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
LCC..05	Lasallian Core Curriculum (Place Holder 05)	3		
PE2FTEX	Functional Exercise	2		
ENGMEC2	Dynamics of Rigid Bodies	2	S	ENGMEC1
CEHDRA1	Hydraulics 1	3	H / C	CALENG2 / ENGMEC2
CENUMER	Numerical Solutions to CE Problems	2	H	CALENG3
LBYCV2C	CENUMER Laboratory	1	C	CENUMER
ENGMEC3	Mechanics of Deformable Bodies	3	H	ENGMEC1
CEMANAG	Engineering Management for CIV	2	S	CEECONO
TOTAL		18		
SIXTH TERM				
COURSE	COURSE TITLE	UNITS	PREREQUISITES	
LCLSTWO	Lasallian Studies 2	(1)		
LCC..06	Lasallian Core Curriculum (Place Holder 06)	3		
LCC..07	Lasallian Core Curriculum (Place Holder 07)	3		
LASARE 2	Lasllian Recollection 2	0		
LCC..08	Lasallian Core Curriculum (Place Holder 08)	3		
CEHDRA2	Hydraulics 2	2	H	CEHDRA1
LBYCV2D	Hydraulics Laboratory	1	C	CEHDRA2
CEMEDEF	Advanced Mechanics of Deformable Bodies	2	H	ENGMEC3
CESTRUC	Theory of Structures	3	H / C	ENGMEC3 / CEMEDEF
LBYCV2E	Theory of Structure Laboratory	1	C	CESTRUC
LBYEC2A	Computer Fundamentals and Programming	1		
TOTAL		19		

1. 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.

2. This checklist is tentative and subject to change.

Please be guided accordingly. Thank you.

Prepared:


Dr. Lessandro Estelito O. Garciano
CE Graduate Program Coordinator

Approved :

Engr. Maria Antonette Roque
GCOE, Associate Dean

Noted:


Dr. Mary Ann Q. Adajar
Department Chair

SEVENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
LCC..09	Lasallian Core Curriculum (Place Holder 09)	3			
LCC..10	Lasallian Core Curriculum (Place Holder 10)	3			
CEGEOEN	Geotechnical Engineering	3	H/S/H/H	CEMEDEF/ CEORIEN CEGEOLO CEHDROL	
LBYCV3A	Geotechnical Engineering Laboratory	1	C	CEGEOEN	
CEHIWAY	Highway Engineering	3	H/S/S	LBYCV2A / CEORIEN/ ENGMEC2	
CEMATEL	Construction Materials and Testing	3	H	ENGMEC3	
LBYCV3B	Construction Materials and Testing Laboratory	1	C	CEMATEL	
PETHREE	Generic Code	2			
TOTAL		19			
EIGHTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
LCC..11	Lasallian Core Curriculum (Place Holder 11)	3			
CEBUILD	Building System Design 1	2	H	CESTRUC	
LBYCV3C	Building System Design 1 Laboratory	1	C	CEBUILD	
CERCDES	Principles of Reinforced Concrete	3	H / S	CESTRUC / CEMATEL	
LBYCV3D	Principles of Reinforced Concrete, Laboratory	1	C	CERCDES	
CETRANS	Transportation Engineering	2	S / S	CEHIWAY / DATAENG	
LBYCV3E	Transportation Engineering Laboratory	1	C	CETRANS	
CEUTIL1	Basic Electrical Engineering for CIV	3	C	CEBUILD	
PEDFOUR	Generic Code	2			
TOTAL		18			
NINTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
LCLSTRI	La Sallian Studies 3	(1)			
LCC..12	Lasallian Core Curriculum (Place Holder 12)	3			
LCC..13	Lasallian Core Curriculum (Place Holder 13)	3			
LASARE3	Lasallian Recollection 3	0			
ENGTREP	Technopreneurship	3		3rd Year Standing	
CEPROJ1	Capstone Design Project 1 for CIV	1	S/S/S/S/S	CETRANS, CEHDRA2, CEGEOEN CESTRUC,CEMANAG	
CESTEEL	Principles of Steel Design	3	H	CESTRUC	
LBYCV3F	Principles of Steel Design, Laboratory	1	C	CESTEEL	
COE5200	Method of Research	3	S/S/S/S/S	CETRANS, CEHDRA2, CEGEOEN CESTRUC,CEMANAG	MS Research
LBYCV3G	Civil Engineering Computer Methods	1	H / S	LBYEC2A / CEORIEN	
TREMMTT	Mathematical Methods for Traffic and Transportation Engineering	3	H	DATAENG	
COEMAT1	MS Math 1	3			MS Math 1
TOTAL		24			

TENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
LCC..14	Lasallian Core Curriculum (Place Holder 14)	3			
CEETHIC	Civil Engineering Ehtics, Laws, Contracts and Specs	2	S	CEBUILD	
LBYCV4A	Project 1 for CIV, Laboratory	1	H	CEPROJ1	
CEQSURV	Quantity Surveying	2	H	CEBUILD	
LBYCV4B	Quantity Surveying Laboratory	1	C	CEQSURV	
CEUTIL2	Mechanical Engineering Practices for CIV	3	H	CEUTIL1	
CESPECS	Specialization course (Urban Engineering)	3	S	CEPROJ1	
LBYEC3A	Intelligent Engineering System	1	H / S	LBYEC2A / DATAENG	
CIV673M	Transport Planning	3	H	CETRANS/LBYCV3E	MS Major 1 equivalent to TREATPE & LBYCV4E
COEMAT2	MS Math 2	3			MS Math 2
TOTAL		22			
ELEVENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
SAS3000	Student Affairs Services 3000	0			
LCC..15	Lasallian Core Curriculum (Place Holder 15)	3			
CEPROJ2	Capstone Design Project 2 for CIV	1	H	LBYCV4A	
LBYCV4C	Capstone Design Project 2 for CIV, Lab	1	C	CEPROJ2	
THSVIL0	CE Research (Output: MS Thesis proposal)	2	H	COE5200	equivalent to THSVIL1 & 2
CECONMA	Construction Methods and Project Management	3	H/H/S/H	CEMANAG/ CEBUILD/ FNDSTAT / CEQSURV	
LBYCV4D	Construction Methods and Project Management Lab	1	C	CECONMA	
CEFOUND	Foundation Engineering	2	H / H / H	CEGEOEN/CERCDES/CESTEEL	
TREAPHS	Airport and Ports and Harbors Systems Planning and Engineering	3	H	TREMMTT	
CIV813M	Special Topics in Transportation Engineering	3	H	TREMMTT	MS Major 2 equivalent to TRETRNS
CIVINCO	Integration Course	1		Last academic term in BS	
ELECIV1	Civil Engineering Elective Course 1	3			MS Elective 1
TOTAL		23			
TWELFTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
MAJCVT3	Civil Engineering Major Course 3	3			MS Major 3
MAJCVT4	Civil Engineering Major Course 4	3			MS Major 4
MACVT5	Civil Engineering Major Course 5	3			MS Major 5
ELECIV2	Civil Engineering Elective Course 2	3			MS Elective 2
OCE996M	Oral Comprehensive Exam	0		Last academic term in MS	
TOTAL		12			
THIRTEENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
CIV851M	MS Thesis 1 (Output: Progress Report)	3		Finished All Academic and Non-academic Courses	
TOTAL		3			
FOURTEENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
CIV852M	MS Thesis 2 (Final Thesis Defense)	3		Finished All Academic and Non-academic Courses	
TOTAL		3			
FIFTEENTH TERM					
COURSE	COURSE TITLE	UNITS	PREREQUISITES		REMARKS
PRCGECV	CE On-the-Job Training	3		Courses	