

**La Salle University
Ozamiz City**

Prospectus Code: **BSCE2008_2**

FIRST YEAR – FIRST SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT111	College Algebra	None
ENMAT112	Plane and Spherical Trigonometry	None
Chem1B	General Chemistry	None
Chem1C	General Chemistry	None
BES111	Engineering Drawing	None
Eng1	Study and Thinking Skills in English	None
Fil1	Sining ng Pakikipagtalastasan	None
PE1M	Physical Fitness	None
PE1W	Physical Fitness	None
NSTP1	National Service Training Program	None
RE1	Outline of Salvation	None

FIRST YEAR – SECOND SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT121	Advanced Algebra	ENMAT111
ENMAT122	Analytic Geometry	ENMAT111,ENMAT112
ENMAT123	Solid Mensuration	ENMAT111,ENMAT112
Phy1B	General College Physics 1	ENMAT111,ENMAT112
Phy1C	General College Physics 1	ENMAT111,ENMAT112
Fil2	Pagbasa at Pagsulat sa Iba't ibang Disiplina	Fil1
Eng2	Writing in Discipline	Eng1
Hum1	Introduction to Humanities	None
PE2M&W	Rhythmic Activities	PE1M
PE2M&W	Rhythmic Activities	PE1W
NSTP2	National Service Training Program	NSTP 1

SECOND YEAR – FIRST SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT211	Differential Calculus	ENMAT121, ENMAT122,ENMAT123
BES211	Computer Fundamentals and Programming	2
Phy2B	General College Physics 2	Phy1B
Phy2C	General College Physics 2	Phy1C
Eng3	Technical Communication	Eng2
Hum2	Family Planning & Com. Relations	None
PS1	Phil. Govt. & Constitution (SS1)	None
PE3M	Individual Sports / Games	PE2M&W
PE3W	Individual Sports / Games	PE2M&W
RE2	Christology	RE1

SECOND YEAR – SECOND SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT221	Integral Calculus	ENMAT211
ENMAT222	Probability & Statistics	ENMAT111
BES221	Basic Electrical Engineering	ENMAT111,ENMAT112
CEn221B	Surveying 1 (Elementary Surveying)	ENMAT111, ENMAT112,BES111
CEn221C	Surveying 1 (Elementary Surveying)	ENMAT111, ENMAT112,BES111
Hum3	Family Planning & Com. Relations	None
Psy1	Gen. Psychology w/ Drug Education (SS2)	None
PS3	Life and Works of Rizal	None
PE4M	Team Sports / Games	PE3M
PE4W	Team Sports / Games	PE3W

THIRD YEAR – FIRST SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT311	Differential Equations	ENMAT221
BES311	Statics of Rigid Bodies	ENMAT221,Phy1
BES312	Engineering Economy	3
BES313	Computer-Aided Drafting	3
BES314	Environmental Engineering	Chem1C, CHEM1B
BES315	Basic Mechanical Engineering	ENMAT111, ENMAT112, Phy2B, PHY2C
CEn311B	Surveying 2 (Higher Surveying)	CEn221B
CEn311C	Surveying 2 (Higher Surveying)	CEn221C
RE3	Ecclesiology and Sacraments	RE2

Note: Subjects taken without complying the required prerequisites will not be credited.

THIRD YEAR – SECOND SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
ENMAT321	Advanced Engineering Math for CE	ENMAT311
BES321	Dynamics of Rigid Bodies	BES311
BES322	Mechanics of Deformable Bodies	BES311
BES323	Safety Management	3
BES324	Engineering Management	3
CEn321B	Engineering Surveys (Surveying 3)	CEn311B
CEn321C	Engineering Surveys (Surveying 3)	CEn311C
Hist26	World History & Contemp. Civilization	His1

FOURTH YEAR – FIRST SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
CEn411B	Structural Theory 1	BES322
CEn411C	Structural Theory 1	BES322
CEn412B	Geotechnical Engineering 1 (Soil Mechanics)	BES322
CEn412C	Geotechnical Engineering 1 (Soil Mechanics)	BES322
CEn413B	Mechanics of Fluids	BES321, ENMAT311
CEn413C	Mechanics of Fluids	BES321, ENMAT311
CEn414B	Building Design 1	BES111, BES313
CEn414C	Building Design 1	BES111, BES313
CEn415B	Construction Materials and Testing	BES322
CEn415C	Construction Materials and Testing	BES322
CEn416	Highway Engineering	CEn311B, CEn311C
RE4	Basic Christian Morality	RE3

FOURTH YEAR – SECOND SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
CEn421B	Structural Theory 2	CEn411B
CEn421C	Structural Theory 2	CEn411C
CEn422B	Structural Design 1 (Reinforced Concrete Design)	CEn411B, CEn421B
CEn422C	Structural Design 1 (Reinforced Concrete Design)	CEn411B, CEn421B
CEn423B	Hydraulics	CEn413
CEn423C	Hydraulics	CEn413
CEn424	Hydrology	CEn413
CEn425B	Introduction to Planning and Estimates	CEn414B
CEn425C	Introduction to Planning and Estimates	CEn414C
CEn426B	Geotechnical Engineering 2 (Foundation Engineering)	CEn412B
CEn426C	Geotechnical Engineering 2 (Foundation Engineering)	CEn412C

FOURTH YEAR – SUMMER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
EEn500	On The Job Training (320 hours)	5

FIFTH YEAR – FIRST SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
CEn511B	Construction Methods and Project Planning	5
CEn511C	Construction Methods and Project Planning	5
CEn512B	Structural Design 2 (Timber)	CEn421B
CEn512C	Structural Design 2 (Timber)	CEn421C
CEn513B	Structural Design 3 (Steel)	CEn421B
CEn513C	Structural Design 3 (Steel)	CEn421C
CEn514	Transportation Engineering	CEn416
CEn515B	Civil Engineering Project	5
CEn515C	Civil Engineering Project	5
CEn516B	Building Design 2	CEn414B
CEn516C	Building Design 2	CEn414C

FIFTH YEAR – SECOND SEMESTER

Subject Code	Descriptive Title	Prerequisite / (Co-requisite)
CEn521	Water Resources Engineering	CEn423, CEn424
CEn522	CE Laws, Contracts, Specifications & Ethics	5
CEn523	Earthquake Engineering (Tech Elec. 1)	5
CEn524	Prestressed Concrete Design (Tech Elec 2)	5
CEn525	Bridge Engineering (Tech Elec. 3)	5
CEn526	Special Topics in Structural Engineering (Tech Elec. 4)	5