

**La Salle University  
Ozamiz City**

Prospectus Code: **BSCPE2008\_1**

**FIRST YEAR – FIRST SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT111	College Algebra	None
ENMAT112	Plane and Spherical Trigonometry	None
Chem1B	General Chemistry	None
Chem1C	General Chemistry	None
BES111	Engineering Drawing	None
Eng 1	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**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT121	Advanced Algebra	ENMAT111
ENMAT122	Analytic Geometry	ENMAT111,ENMAT112
ENMAT123	Solid Mensuration	ENMAT111,ENMAT112
CPE121	Computer Hardware Fundamental	
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**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT211	Differential Calculus	ENMAT121, ENMAT122, ENMAT123
BES211/CPE211	Computer Fundamentals and Programming	2
Phy2B	General College Physics 2	Phy1B
Phy2C	General College Physics 2	Phy1C
Eng3	Technical Communication	Eng2
Hum2	Philo 1 (logic)	Hum1
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**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT221	Integral Calculus	ENMAT211
ENMAT222	Probability & Statistics	ENMAT111
CPE221B	Computer Programming 1	CPE211
CPE221C	Computer Programming 1	CPE211
CPE314	Discrete Mathematics	ENMAT111
Hum3	Family Planning & Community Relations	None
Psy1	General Psychology w/ Drug Educ.(SS2)	None
PS3	Life and Works of Rizal	None
PE4M	Team Sports / Games	PE3M
PE4W	Team Sports / Games	PE3W

**THIRD YEAR – FIRST SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT311	Differential Equations	ENMAT221
BES311	Statics of Rigid Bodies	ENMAT221 & Phy1B, Phy1C
BES312	Engineering Economy	3
BES313	Computer-Aided Drafting	3
CPE311B	Data Structure & Algo Analysis	CPE221B
CPE311C	Data Structure & Algo Analysis	CPE221C
CPE313	Circuits 1	Phy2, ENMAT221
His1	Phil History & Development (SS3)	None
RE3	Ecclesiology and Sacraments	RE2

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

**THIRD YEAR – SECOND SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ENMAT321	Advanced Engineering Math for ECE	ENMAT311
BES321	Dynamics of Rigid Bodies	BES311
BES322	Mechanics of Deformable Bodies	BES311
CPE326	Computer Engineering Drafting and Design	3
BES324	Engineering Management	3
CPE323B	Circuits 2	CPE313
CPE323C	Circuits 2	CPE313
CPE324B	Electronics Devices and Circuits	Phy2B,ENMAT221
CPE324C	Electronics Devices and Circuits	Phy2C,ENMAT221
Hist26	World History & Contemporary Civilization	His1

**FOURTH YEAR – FIRST SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
CPE312	Electromagnetics	Phy2B,Phy2C,ENMAT321
CPE412B	Comp. System Org'n w/ Assembly Languages	CPE322
CPE412C	Comp. System Org'n w/ Assembly Languages	CPE322
CPE413B	Electronics Circuit Analysis & Design	CPE324B
CPE413C	Electronics Circuit Analysis & Design	CPE324C
CPE414B	Logic Circuits & Switching Theory	CPE324B
CPE414C	Logic Circuits & Switching Theory	CPE324C
CPE512	Principles of Communications	CPE323, CPE313
RE4	Basic Christian Morality	RE3

**FOURTH YEAR – SECOND SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
CPE421	Control Systems	CPE323, CPE413
CPE325	Safety Management & Environmental Eng'ng	3
CPE423	Comuter System Architecture	CPE412
CPE424B	Advanced Logic Circuits Design	CPE414B
CPE424C	Advanced Logic Circuits Design	CPE414C
CPE425	Software Engineering	CPE322
CPE521	Data Communication	CPE512
CPE513	Microprocessor System	CPE414, CPE412

**FOURTH YEAR – SUMMER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
ECEen510	On The Job Training	5

**FIFTH YEAR – FIRST SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
EEn411B	Energy Conversion	ENMAT221, CPE312
EEn411C	Energy Conversion	ENMAT221, CPE312
CPE514B	Object Oriented Programming	CPE311B
CPE514C	Object Oriented Programming	CPE311C
CPE523A	Design Project 1 (Methods of Research)	CPE513
CPEElec1	On-line Technology (Tech. Elec1)	5
CPEElec2	Microelectronics (Tech. Elec2)	5
CPE423B	Computer System Architecture	CPE412, CPE424
CPE423C	Computer System Architecture	CPE412, CPE424
CPE411B	Computer Networking	CPE521
CPE411C	Computer Networking	CPE521

**FIFTH YEAR – SECOND SEMESTER**

<b>Subject Code</b>	<b>Descriptive Title</b>	<b>Prerequisite / (Co-requisite)</b>
CPE526	Engineering Ethics & Computer Laws	5
CPE522B	Operating Systems	CPE412
CPE522C	Operating Systems	CPE412
CPE523B	Design Project 2 (Project Implementation)	CPE523A
CPE524B	Digital Signal Processing	ENMAT321
CPE524C	Digital Signal Processing	ENMAT321
CPE525	Seminars and Field Trips	5
CPEElec3	Embedded Systems (Tech. Elec 3)	5
CPE528	Entrepreneursip	5
CPE528B	System Analysis and Design	CPE311, CPE514
CPE528C	System Analysis and Design	CPE311, CPE514