

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
Effective SY 2007-2008

FRESHMAN YEAR

First Semester		Units	Second Semester		Units
En 11	Communications Across Curr I	3	En 12	Communications Across Curr II	3
Lit 13	Introduction to Fiction	3	Lit 14	Introduction to Poetry	3
Fil 11	Sining ng Pakikipagtalastasan sa Filipino I	3	Ma 21	Math. Analysis I	6
Ma 18	Principles of Modern Math I & II	6	Ps 41	Analytical Physics I	5
ECE 12	Computer-Aided Design	1	CE 21	Intro to Computing	3
ECE 21	Engineering Workshop & Practices	2			
PE 1	Physical Education	(2)	PE 2	Physical Education	(2)
Total		18			Total

SUMMER

Ch 7& 8	General Chemistry	5
Total		5

SOPHOMORE YEAR

First Semester		Units	Second Semester		Units
Fil 12	Sining ng Pakikipagtalastasan sa Filipino II	3	Hi 16/Hi 18	Asian /Western History (1)	3
Th 121	An Intro to Doing a Catholic Theo	3	Elc 101.1	Introduction to Engineering & Circuits I Lecture	3
Ma 22	Math Analysis II	3	Elc 101.2	Introduction to Engineering & Circuits I Laboratory	1
Ps 42	Analytical Physics II	5	EngMa 101	Engineering Math I	3
CE 22	Intro. to Data Structures	3	Ps 43	Analytical Physics III	5
Fl 1	Foreign Language	3	Fil 14	Ang Panitikan ng Pilipinas	3
PE 3	Physical Education	(2)	PE 4	Physical Education	(2)
NSTP1	National Service Training Program	(1.5)	NSTP2	National Service Training Program	(1.5)
Total		20			Total

SUMMER

SA 21	Intro to Sociology & Anthropology	3
EngMa 102	Engineering Math II	3
Total		6

JUNIOR YEAR

First Semester		Units	Second Semester		Units
Ph 101	Philosophy of the Person I	3	Hi 165	Rizal and the Emergence of Phil Nation	3
Th 131	Marriage, Family Life & Human Sexuality	3	Elc 111.1	Switching Theory and Digital Design Lecture	3
Elc 102.1	Electronics I Lecture	3	Elc 111.2	Switching Theory and Digital Design Laboratory	1
Elc 102.2	Electronics I Laboratory	1	Elc 107.1	Electronics II Lecture	3
EngMa 103	Engineering Math III	3	Elc 107.2	Electronics II Laboratory	1
Elc 106.1	Circuits II Lecture	3	EngPs 171	Electromagnetic Theory & Applications I	3
Elc 106.2	Circuits II Laboratory	1	CE 30	Algorithms & Problem Solving (Numerical Analysis)	3
Total		17			Total

SUMMER

Hi 166	Philippine History	3
Psy 101	General Psychology	3
Total		6

SENIOR YEAR

First Semester		Units	Second Semester		Units
Ph 103	Philosophy of Religion	3	Th 151	The Catholic Commitment of Today's Filipino: Synthesis	3
Th 141	A Theology of the Catholic Social Vision	3		CoE Elective	3
CIE 122	Database System	3	ECE 160	Engineering Economy	3
CIE 142	Computer Organization with Assembly Language	4	CIE 123	Intro to Software Engg	3
Elc 141.1	Microprocessor Systems Lecture	3	CIE 150	Computer Interfacing	3
Elc 141.2	Microprocessor Systems Laboratory	1			
Total		17			Total

SUMMER

CIE 185	On-the-job-training	3
CIE 190	Research Seminar	1
Total		4

SENIOR YEAR

First Semester		Units	Second Semester		Units
CIE 175	Multimedia System	3	CE 101	Techniques in Signal Processing	3
CIE 130	Principles of VLSI with HDL	3	CE 155	Operating Systems	3
TCom 141	Data Communications & Networking	3	CIE 199	Emerging Technologies	3
CIE 143	Networking Lab	1		Free Elective	3
PoS 100	Politics & Governance	3	CIE 192	Thesis II	3
	Free Elective	3		CoE Elective	3
CIE 191	Thesis I	1			
Total		17			Total

Total number of academic units: 187