

BACHELOR OF SCIENCE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING
Effective SY 2007-2008

FRESHMAN YEAR

First Semester		Units	Second Semester		Units
En 11	Communications Across the Curriculum I	3	En 12	Communications Across the Curriculum II	3
Lit 13	Introduction to Fiction	3	Lit 14	Introduction to Poetry	3
Fil 11	Sining ng Pakikipagtalastasan sa Fil. I	3	Fil 12	Sining ng Pakikipagtalastasan sa Filipino II	3
Ma 18A	Principles of Modern Mathematics I	3	Ma 18B	Principles of Modern Mathematics II	3
Ch7&8	General Chemistry	5	Ps 14/15	Physics I and lab	6
ECE 11	Drawing/Drafting	1	ECE 12	Computer-Aided design	1
PE 1	Physical Education	(2)	PE 2	Physical Education	(2)
Total		18	Total		19

SUMMER

Psy 101	General Psychology	3
ECE 21	Engineering Workshop and Practices	2
ES 10	Environmental Science	3
Total		8

SOPHOMORE YEAR

First Semester		Units	Second Semester		Units
Th 121	Intro. To Doing a Catholic Theology	3	Hi 165	Rizal & the Emergence of the Phil. Nation	3
Fil 14	Ang Panitikan ng Pilipinas	3	Ma 22	Mathematical Analysis II	3
Ma 21	Mathematical Analysis I	6	EngPs 41	Engineering Mechanics (Lecture)	5
Hi 16/18	Asian/Western History (choose one)	3	Elc 102.1	Electronics I (Lecture)	3
Elc 101.1	Intro. To Engineering & Circuits I (Lecture)	3	Elc 102.2	Electronics I (Laboratory)	1
Elc 101.2	Intro. To Engineering & Circuits I (Laboratory)	1	Sa 21	Intro. To Sociology & Anthropology	3
PE 3	Physical Education	(2)	PE 4	Physical Education	(2)
NSTP 1	National Service Training Program	(1.5)	NSTP 2	National Service Training Program	(1.5)
Total		19	Total		18

SUMMER

FLC I	Foreign Language & Culture	3
EngMa 101	Engineering Math I	3
ECE 160	Engineering Economy	3
Total		9

JUNIOR YEAR

First Semester		Units	Second Semester		Units
Ph 101	Philosophy of the Human Person I	3	Ph 102	Philosophy of the Human Person II (Catholic Perspective)	3
Th 131	Marriage, Family Life & Human Sexuality	3	Hi 166	Philippine History	3
CE 21	Introduction to Computing	3	EngPs 43	Thermodynamics	3
EngMa 102	Engineering Math II	3	EngPs 171	Electromagnetics Theory&Applications I	3
EngPs 42	Strength of Materials	3	Elc 107.1	Electronics II (Lecture)	3
Elc 106.1	Circuits II (Lecture)	3	Elc 107.2	Electronics II (Laboratory)	1
Elc 106.2	Circuits II (Laboratory)	1	Elc 111.1	Switching Theory & Digital Design (Lecture)	3
Total		19	Elc 111.2	Switching Theory & Digital Design (Laboratory)	1
			Total		20

SUMMER

EngMa 103	Engineering Math III	3
ECE 161	Engineering Management	2
ECE 150	Material Science and Engineering	3
Total		8

SENIOR YEAR

First Semester		Units	Second Semester		Units
Ph 103	Philosophy of Religion	3	Ph 104	Foundation of Moral value	3
Th 141	Theology of the Catholic Social Vision	3	Th 151	The Catholic Commitment of Today's Filipino: Synthesis	3
Tcom 121.1	Principles of Communications I (Lecture)	3	PoS 100	Politics and Governance	3
Tcom 121.2	Principles of Communications I (Laboratory)	1	Tcom 122.1	Principles of Communications II (Lecture)	3
Tcom 141	Data Communications & Networking	3	Tcom 122.2	Principles of Communications II (Laboratory)	1
Elc 141.1	Microprocessor Systems (Lecture)	3	Tcom 143	Networking Laboratory	2
Elc 141.2	Microprocessor Systems (Laboratory)	1	Tcom 151.1	Optical Communications & Transmission Media (Lecture)	3
EngPs 172	Electromagnetic Theory & Applications II	3	Tcom 151.2	Optical Communications & Transmission Media (Laboratory)	1
Total		20	Total		19

SUMMER

ECE 190.1	Practicum	1
Total		1

FIFTH YEAR

First Semester		Units	Second Semester		Units
ECE 190.2	Research Seminar I	2	ECE 191.2	Research Seminar II	3
Elc 151.1	Linear and Control Systems (Lecture)	3	Tcom 126	Communications Systems Analysis Design	3
Elc 151.2	Linear and Control Systems (Laboratory)	1	ECE 163	Field Trips, Seminars	1
Elc 152	Signal Processing	3	Tcom 152.1	Broadcasting Eng'g. & Acoustics (Lecture)	3
ECE 162	Engineering Laws, Contracts & Ethics	2	Tcom 152.2	Broadcasting Eng'g. & Acoustics (Laboratory)	1
Tcom 142	Switching Networks & Traffic Concepts	3	Elective		3
Elective		3	Elective		3
Total		17	Total		17

Total number of academic units: 212