

BROKENSHERE COLLEGE
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
Effective AY 2013-2014
(Based on CMO 53 Series of 2006)

FIRST YEAR

First Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IS 101		IT Fundamentals	2	1	3	5
	IS 102		Programming 1	2	1	3	5
	IS 104		Office Productivity	2	1	3	5
	Math 1		College Algebra	3	0	3	3
	Eng 1		Study and Thinking Skills in English	3	0	3	3
	Fil 1		Sining ng Pakikipagtalastasan	3	0	3	3
	Psych 1		General Psychology	3	0	3	3
	RS 1		Message & Teachings of Old Testament	3	0	3	3
	PD 1		Academic & Personal Adjustment	1	0	1	1
	PE 1		Self Testing Activities	2	0	2	2
	NSTP 1		NSTP 1	3	0	3	3
TOTAL						30	36

Second Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IS 103	IS 102	Programming 2	2	1	3	5
	Math 2	Math 1	Plane Trigonometry	3	0	3	3
	Eng 2	Eng 1	Writing in the Discipline	3	0	3	3
	Fil 2	Fil 1	Pagbasa at Pagsulat sa Ibat-ibang Disiplina	3	0	3	3
	Phys 21		General Physics	2	1	3	5
	RS 2	RS 1	Message & Teachings of New Testament	3	0	3	3
	PE 2	PE 1	Rhythmic Activities	2	0	2	2
	NSTP 2	NSTP 1	National Service Training Program	3	0	3	3
TOTAL						23	27

SECOND YEAR

First Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IS 201	IS 103	Computer Organization and Assembly	2	1	3	5
	IS 202	IS 103	Object Oriented Programming	2	1	3	5
	IS 203	Math 2	Discrete Structures	3	0	3	3
	Acctg 1	Math 2	Accounting Principles	3	0	3	3
	Eng 3	Eng 2	Speech & Oral Communication	3	0	3	3
	Lit 1		Introduction to Literature	3	0	3	3
	PD 2	PD 1	Self – Awareness & Self-Management	1	0	1	1
	PE 3	PE 3	Individual and Dual Sports	2	0	2	2
TOTAL						21	25

Second Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IS 204	IS 202	Database Management System 1	2	1	3	5
	IS 205	IS 201	Operating System Applications	3	0	3	3
	IS 207	IS 201	Digital Design	3	0	3	3
	IT 201	IS 201	Network Management	2	1	3	5
	IS 301	IS 202	Web Development	2	1	3	5
	Math 4	Math 1	Probability and Statistics	3	0	3	3
	NS 3		Earth Science	3	0	3	3
	PE 4	PE 3	Team Sports	2	0	2	2
TOTAL						23	29

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THIRD YEAR

First Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IS 206	IS 204	Systems Analysis and Design	2	1	3	5
	IT 301	IS 204	Database Management Systems 2	2	1	3	5
	IS 401	IS 101	Professional Ethics	3	0	3	3
	IT 1	3rd Yr. Standing	IT Elective 1	2	1	3	5
	CF 1	3rd Yr. Standing	Free Elective 1	3	0	3	3
	Philo 1		Philosophy of Man	3	0	3	3
	Hist 2		Philippine History	3	0	3	3
	Econ 11		Basic Economics with TAR	3	0	3	3
	PD 3	PD 2	Values Development & Interpersonal Relationship	1	0	1	1
TOTAL						25	31

Second Semester

SG	COURSE	Pre-REQ.	Course Description	LEC	LAB	TOTAL	HRS/
	IS 302	IS 206	Software Engineering	2	1	3	5
	IT 302	IS 301	Multimedia Systems	2	1	3	5
	IT 303	IT 301	Technopreneurship	3	0	3	3
	IT 2	3rd Yr. Standing	IT Elective 2	2	1	3	5
	CF 2	4th Yr. Standing	Free Elective 2	3	0	3	3
	Philo 2		Logic and Critical Thinking	3	0	3	3
	PS 2		Politics & Governance w/ Constitution	3	0	3	3
TOTAL						21	27

FOURTH YEAR

First Semester

SG	COURSE	Pre-REQ.	Course Description	LEC	LAB	TOTAL	HRS/
	IT 400	4th Yr. Standing	Internship/OJT/Practicum	0	9	9	27
	IT 3	4th Yr. Standing	IT Elective 3	2	1	3	5
	CF 3	4th Yr. Standing	Free Elective 3	3	0	3	3
	PD 4	PD 3	Career Development & Community Involvement	1	0	1	1
TOTAL						16	36

Second Semester

SG	COURSE CODE	Pre-REQ.	Course Description	LEC UNITS	LAB UNITS	TOTAL UNITS	HRS/ WK
	IT 401	IS 302	Capstone Project	3	0	3	3
	IT 4	4th Yr. Standing	IT Elective 4	2	1	3	5
	CF 4	4th Yr. Standing	Free Elective 4	3	0	3	3
	Soc 12		Society & Culture w/ Family Planning	3	0	3	3
	Hist 3		Life, Works and Writings of Rizal	3	0	3	3
TOTAL						15	17

List of IT Electives offered to students:

- > Computer Graphics
- > Mobile Applications Development
- > Advanced Web Development
- > Network Administration and Maintenance