

BROKENSHIRE COLLEGE
Madapo, Davao City
BACHELOR IN SECONDARY EDUCATION
MAJOR IN MATHEMATICS
Effective AY 2008-2009

FIRST YEAR

FIRST SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Eng 11		Study & Thinking Skills	3
	Fil 11		Komunikasyon sa Akademikong Filipino	3
	Econ 1		Basic Economics with TAR	3
	Math 1-A		Basic Mathematics	3
	Psych 1		General Psychology	3
	CE 1		Basic Principles in Computer Operation	3
	RS 1		Message & Teachings of Old Testament	3
	PD 1		Academic and Personal Adjustment	1
	PE 1		Self-Testing Activities & Gymnastics	2
	NSTP 1		National Service Training Program	3
	CWTS		Civic Welfare Training Program 1	
	ROTC		Reserved Officers Training Course	
TOTAL				27

SECOND SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	RS 2	RS 1	Message & Teachings of New Testament	3
	Fil 12	Fil 11	Pagbasa't Pagsulat sa Tungo sa Pananaliksik	3
	Eng 12	Eng 11	Writing in the Discipline	3
	Lit 11		Literatures of the Philippines	3
	CE 2	CE 1	Advanced Software Application	3
	Math 1	Math 1-A	College Algebra	3
	NS 3		Earth Science	3
	PE 2	PE 1	Fundamentals of Rhythmic Activities	2
	NSTP 2	NSTP 1	National Service Training Program 2	3
	CWTS		Civic Welfare Training Program	
	ROTC		Reserved Officers Training Course	
TOTAL				26

SUMMER

SG	Course No.	Pre-requisite	Course Description	Units
	Soc 12		Society & Culture with Family Planning	3
	Eng 3	Eng 12	Speech & Oral Communication	3
	Philo 2		Logic & Critical Thinking	3
TOTAL				9

SECOND YEAR

FIRST SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	NS 1		Biological Science	3
	Educ 1	Psych 1	Child & Adolescent Development	3
	Educ 1a		Field Study 1	1
	Math 2	Math 1	Plane Trigonometry	3
	Hum 1		Introduction to Art Appreciation	3
	Fil 3	Fil 12	Masining na Pagpapahayag	3
	Math 4		Plane Geometry	3
	Educ 2		Educational Technology 1	3
	PE 3	PE 2	Individual & Dual Sports	2
	PD 2	PD 1	Self – Awareness and Self – Management	1
TOTAL				24

SECOND SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Educ 4	Educ 2	Educational Technology 2	3
	Educ 4a		Field Study 3	1
	Educ 5	Educ 1	Social Dimensions of Education	3
	Educ 6	Educ 3	Principles of Teaching 1	3
	Educ 3		Facilitating Learning	3
	Health 22		Personal & Community Health	3
	Math 5	Math 4	Analytic Geometry	3
	Math 6	Math 1	Advanced Algebra	3
	Math 7		Set Theory	3
	PE 4	PE 3	Team Sports	2
TOTAL				27

BROKENSHIRE COLLEGE
Madapo, Davao City
BACHELOR IN SECONDARY EDUCATION
MAJOR IN MATHEMATICS
Effective AY 2008-2009

SUMMER

SG	Course No.	Pre-requisite	Course Description	Units
	Math 11	Math 6	Linear Algebra	3
	Math 3		Basic Statistics	3
TOTAL				6

THIRD YEAR

FIRST SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Educ 7	Educ 6	Principles of Teaching 2	3
	Educ 7a		Field Study 2	1
	Math 8	Math 1 & 5	Intro to Calculus	3
	Educ 9		Developmental Reading 1	3
	Educ 8	Educ 6	Assessment of Student Learning 1	3
	Lit 12		Literatures of the World	3
	Math 12	Math 1	Business Math	3
	PD 3	PD 2	Values Development and Interpersonal Relationship	1
	Math 13	Math 4	Solid Geometry	3
	ST 1		Special Topic 1	1
	Math 14	Math 1	Number Theory	3
TOTAL				27

SECOND SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Educ 11	Educ 8	Assessment of Student Learning 2	3
	Educ 11a		Field Study 5	1
	ST 2		Special Topic 2	1
	Res 11		Methods of Research	3
	PS 2		Politics & Governance with Philippine Constitution	3
	Math 9	Math 8	Differential Calculus	5
	Math 15	Math 1	Applied Math	3
	Math 17		Advanced Statistics	3
TOTAL				28

FOURTH YEAR

FIRST SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Educ 12		Curriculum Development	3
	Educ 12a		Field Study 4	1
	Educ 13	Educ 6, 7, 8	The Teaching Professions	3
	Educ 13a		Field Study 6	1
	ST 3		Special Topic 3	1
	Res 12	Res 11	Thesis Writing	3
	Math 10	Math 9	Integral Calculus	5
	Math 19		Strategies in Teaching Math	3
	Math 20		Seminars on Technology in Mathematics	3
	PD 4	PD 3	Career Development and Community Involvement	1
	Math 16		Theory of Probability	3
	Hist 2		Philippine History	3
TOTAL				27

SECOND SEMESTER

SG	Course No.	Pre-requisite	Course Description	Units
	Educ 14		Student Teaching	6
	Hist 3		Life, Works & Writings of Rizal	3
	Math 18	Math 10	Differential Equations	3
TOTAL				12