



SURIGAO STATE COLLEGE OF TECHNOLOGY
Surigao City

BACHELOR OF SCIENCE IN MATHEMATICS
Effective: AY 2012-2013
CMO No. 19 S. of 2007

Name: _____
Address: _____

ID No.: _____
Tel. No.: _____

First Year

First Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 10	Algebra & Trigonometry	6	
	Engl. 1	Communication Arts 1	3	
	Fil. 1	Kom. sa Akademikong Filipino	3	
	Hist. 1	Phil. History, Roots & Development	3	
	Hum 1	Introduction to Humanities	3	
	P. E. 1	Physical Fitness Activities	2	
	NSTP 1	National Service Training Program 1	3	
			23 units	

Second Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 11	Analytic Geometry and Calculus 1	6	Math 10
	Engl. 2	Communications Arts 2	3	Engl. 1
	Engl. 3/JEEP 1	Speech and Oral Comm. w/ JEEP 1	3	Engl. 1
	Socio 1	General Sociology with Family Planning	3	
	Bio 1	Biological Science	3	
	P. E. 2	Rhythmic Activities	2	
	NSTP 2	National Service Training Program 2	3	NSTP 1
			23 units	

Second Year

First Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 12	Analytic Geometry and Calculus II	6	Math 11
	Math 21	Modern Geometry	3	Math 10
	Phys 1	General Physics (Lec & Lab)	4(3)(3)	Math 10
	Philo 1	Logic w/ Work Ethics & HRE	3	
	Rizal	Life, Works and Writings of Rizal	3	
	P.E 3	Individual and Dual Sports	2	
			21 units	

Second Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 13	Analytic Geometry and Calculus III	6	Math 12
	Math 31	Logic and Set Theory	3	Math 10
	Chem 1	General Chemistry (Lec & Lab)	4 (3)(3)	
	Engl. 4	Philippine Literature	3	
	Free Elective 1		3	
	P.E. 4	Team Sports and Games	2	
			21 units	

Third Year

First Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 32	Introduction to Real Analysis	3	Math 31
	Math 41	Algebraic Structures 1	3	Math 11
	Math 14	Differential Equations 1	3	Math 13
	Math 51	Linear Algebra 1	3	Math 10
	Pol. Sci. 1	Politics & Governance w/ Phil. Cons.	3	
	Psych 1	General Psychology	3	
	Econ 1	Principles of Economics with TLR	3	
			21 units	

Second Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 33	Real Analysis 1	3	Math 32
	Math 51	Algebraic Structures II	3	Math 41
	Math Elective	Probability Theory	3	Math 10
	Math Elective		3	
	Math Elective		3	
	ICT 101	Computer Programming	3	
	Free Elective 2		3	
			21 units	

Fourth Year

First Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math 34	Complex Analysis 1	3	Math 33
	Math 35	General Topology 1	3	Math 33
	Math 72	Statistical Analysis	3	Math 71
	Math Elective		3	
	Math Elective		3	
	Research	Undergraduate Thesis 1	3	
	CaEd	Career & Personality Development	3	
			21 units	

Second Semester				
Evl	Subject Code	Description Title	Units	Pre Req.
	Math Elective		3	
	Math Elective		3	
	Math 81	Practicum	3	
	Research 2	Undergraduate Thesis 2	3	Res 1
			12 units	

Math Electives

*Fundamentals of Computing II	3
*Numerical Analysis	3
*Topology	3
*Discrete Mathematics	3
*Actuarial Mathematics I	3
*Actuarial Mathematics II	3
*Graph Theory and Applications	3
*Differential Equations II	3

Summary

*General Education	56 units
*Core Courses	57 units
*Math Electives	21 units
*Free Electives	6 units
*Undergraduate Thesis	6 units
*P.E & NSTP + CAEd	17 units

Total 163 Units