

Surigao Del Sur State University
Tandag City, Surigao del Sur
COLLEGE OF COLLEGE OF ARTS AND SCIENCES
BACHELOR OF SCIENCE IN MATHEMATICS

2010-2011

1ST YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Eng 101	Study & Thinking Skills	3.0	3.0			
Fil 101	Komunikasyon sa Akademikong Filipino	3.0	3.0			
Math 101	College Algebra	3.0	3.0			
Math 201	Plane Trigonometry	3.0	3.0			
NatSci 100	Biological Science	3.0	3.0			
NSTP 101A	CWTS / ROTC 1	3.0	3.0			
NSTP 101B	CWTS / ROTC 1	3.0	3.0			
PE 101	Self-Testing Activities	2.0	2.0			
PolSci 101	Politics and Governance with Phil Constitution	3.0	3.0			
Psycho 101	General Psychology	3.0	3.0			
		29.00 Units				

1ST YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Eng 102	Writing in the Discipline	3.0	3.0			
Fil 102	Pagbasa at Pagsulat tungo sa Pananaliksik	3.0	3.0		Fil 101	
IT 1	Introduction to Info Tech with Internet	3.0	2.0	1.0		
Math 301	Calculus 1	6.0	6.0		Math 101	
					Math 201	
Math 401	Fundamental of Computing	3.0	3.0		Math 101	
					Math 201	
NSTP 102A	CWTS / ROTC 1	3.0	3.0		NSTP 101A	
NSTP 102B	CWTS / ROTC 1	3.0	3.0		NSTP 101B	
NSTP MS 42	MILITARY SCIENCE 42	1.5	1.5			
PE 102	Rhythmic Activities	2.0	2.0		PE 101	
		27.50 Units				

2ND YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Eng 201	Speech & Oral Communication	3.0	2.0	1.0		
Lit 101	Literatures of the Philippines	3.0	3.0			
Math 171 Elec 1	Set Theory	3.0	3.0			
Math 181 Elec 2	Discrete Mathematics	3.0	3.0			
Math 501	Calculus II	6.0	6.0		Math 301	
Math 601	Fundamental Concepts of Mathematics	3.0	3.0		Math 401	
PE 201	Fundamentals of Games and Sports	2.0	2.0		PE 102	
Stat 101	Introduction to Statistics	3.0	3.0		Math 101	
		26.00 Units				

2ND YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Lit 102	Literatures of the World	3.0	3.0		Lit 101	
Math 191 Elec 3	Number Theory	3.0	3.0			
Math 701	Calculus III	6.0	6.0		Math 501	
Math 801	Probability	3.0	3.0		Stat 101	
Math 901	Linear Algebra	3.0	3.0		Math 601	
PE 202	Recreational Activities	2.0	2.0		PE 102	
Philo 101	Logic	3.0	3.0			
SS 102	Society and Culture with Family Planning	3.0	3.0			
		26.00 Units				

3RD YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Chem 100	General and Inorganic Chemistry	4.0	3.0	1.0	Math 101	
Hist 101	Philippine History	3.0	3.0			
Math 111	Abstract Algebra	3.0	3.0		Math 601	
Math 112	Modern Geometry	3.0	3.0		Math 701	
Math 201 Elec 4	Graph Theory	3.0	3.0			
Math 211 Elec 5	Topology	3.0	3.0			
		19.00 Units				

3RD YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Econ 101	Principles of Economics with TAR	3.0	3.0			
Math 121	Differential Equations	3.0	3.0		Math 701	
Math 131	Advance Calculus	3.0	3.0		Math 701	
Math 221 Elec 7	Numerical Analysis	3.0	3.0			
Physics 120	General Physics 1	4.0	3.0	1.0		
		16.00 Units				

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4TH YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Ed 141	Child and Adolescent Psychology	3.0	3.0			
Ed 142	Principles and Methods of Teaching	3.0	3.0			
Ed 143	Curriculum Development	3.0	3.0			
Math 141	Complex Analysis	3.0	3.0		Math 131	
Math 151	Thesis Writing/Special Problem	3.0	3.0			
Rizal 102	Rizal's Life, Works & Writings	3.0	3.0			
SocPhilo 101	General & Profesional Ethics with Val. Ed.	3.0	3.0			
SS 201	Peoples, Culture and Environmental Issues in CARAGA Region	3.0	3.0			

24.00 Units

4TH YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Ed 144	Principles of Education with Phil. Educational System	3.0	3.0			
Ed 145	Measurement and Evaluation w/ Educ.Research	3.0	3.0			
Ed 146	Development, Production and Assessment of Instructional Materials	3.0	3.0			
Math 161	Approaches to College Mathematics Teaching with Student's Congress	3.0	3.0			

12.00 Units