

**Surigao Del Sur State University**  
Tandag City, Surigao del Sur  
**COLLEGE OF COLLEGE OF TEACHER EDUCATION**  
**BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS**

2014-2015

**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			
Eng A	Communication Arts	3.0	3.0			
Fil 101	Komunikasyon sa Akademikong Filipino	3.0	3.0			
Human 101A	Art Appreciation/Education	3.0	3.0			
Math 101	Fundamentals of Mathematics	3.0	3.0			
NatSci 100	Biological Science	3.0	3.0			
NSTP 1	CWTS/ROTC 1	3.0	3.0			
PE 101	Self-Testing Activities	2.0	2.0			
Psycho 101	General Psychology	3.0	3.0			
<b>26.00 Units</b>						

**1ST YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Eng 102	Writing in the Disciplines/Communication Arts 2	3.0	3.0		Eng 101	
Fil 102	Pagbasa at Pagsulat Tungo sa Pananaliksik	3.0	3.0		Fil 101	
History 101	Philippine History, Roots, and Development	3.0	3.0			
ICT 1	Introduction to Information Technology	3.0	2.0	1.0		
Math 102	College Algebra	3.0	3.0		Math 101	
NatSci 102	Earth Science	3.0	3.0			
NSTP 2	CWTS/ROTC 2	3.0	3.0		NSTP 1	
PE 102	Rhythmic Activities	2.0	2.0		PE 101	
PolSci 101	Politics and Governance with Philippine Constitution	3.0	3.0			
<b>26.00 Units</b>						

**2ND YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 1	Child and Adolescent Development	3.0	3.0			
Educ 2	Educational Technology 1	3.0	3.0			
Eng 201	Speech and Oral Communication	3.0	2.0	1.0	Eng 102	
Fil 201	Masining na Pagpapahayag	3.0	3.0		Fil 102	
FS 1	The Learner's Development and Environment	1.0		1.0		
Human 2	Fundamentals of Music	3.0	3.0		Human 101 Human 101A	
Math 201	Contemporary Mathematics	3.0	3.0			
Math 202	Advanced Algebra	3.0	3.0		Math 102	
Math 203	Number Theory	3.0	3.0			
PE 201	Individual and Dual Sports/Games	2.0	2.0		PE 102	
<b>27.00 Units</b>						

**2ND YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 3	Facilitating Human Learning	3.0	3.0			
Educ 4	Educational Technology 2	3.0	3.0		Educ 2 Educ 5	
Educ 5	Principles of Teaching 1	3.0	3.0			
FS 2	Experiencing the Teaching Learning Process	1.0		1.0	Educ 4 Educ 5	
Lit 101	Philippine Literature	3.0	3.0			
Math 204	Trigonometry	3.0	3.0		Math 141A Math 202 Math 302	
Math 205	Plane Geometry	3.0	3.0			
Math 206	Linear Algebra	3.0	3.0		Math 111 Math 202	
PE 202	Recreational Activities	2.0	2.0		PE 102 PE 201	
ST 1	Fundamental Concept of K-12 (including Mother Tongue Based-Multilingual Education)	1.0	1.0			
<b>25.00 Units</b>						

**2ND YEAR - SUMMER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Math 207	History of Mathematics	3.0	3.0			
Math 301	Introduction to Statistics	3.0	3.0			
SocSci 3	Principle of Economics with Taxation and Agrarian Reform	3.0	3.0			
<b>9.00 Units</b>						

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**3RD YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 6	Curriculum Development	3.0	3.0			
Educ 7	Principles of Teaching 2	3.0	3.0		Educ 4 Educ 5	
Educ 8	Assessment of Student Learning 1	3.0	3.0			
FS 3	Technology in the Learning Environment	1.0		1.0	Educ 2 Educ 5	
FS 4	Exploring the Curriculum	1.0		1.0	Educ 6 Educ 7	
Math 302	Analytic Geometry	3.0	3.0			
Math 303	Modern Geometry	3.0	3.0		Math 112A Math 205	
Math 304	Action Research in Mathematics	3.0	3.0			
Math 305	Instrumentation in Mathematics	3.0	3.0			
		<b>23.00 Units</b>				

**3RD YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 9	Assessment of Student Learning 2	3.0	3.0		Educ 8 Educ. 6	
Eng B	Technical Writing	3.0	3.0			
FS 5	Learning Assessment Strategies	1.0		1.0	Educ 8 Educ. 6	
Lit 102	Literature of the World	3.0	3.0		Lit 101	
Math 306	Probability	3.0	3.0		Math 301 Stat 1 Stat 101	
Math 307	Calculus 1	3.0	3.0		Math 141A Math 202 Math 302	
Math 308	Solid Geometry	3.0	3.0		Math 112 Math 303	
Math 309	Abstract Algebra	3.0	3.0			
Research	Thesis Writing	3.0	3.0		PhySci 15	
ST 2	Special Education	1.0	1.0			
		<b>26.00 Units</b>				

**3RD YEAR - SUMMER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 10	Developmental Reading 1	3.0	3.0			
Educ 11	The Social Dimension of Education	3.0	3.0			
Math 310	Mathematical Investigation	3.0	3.0		Math 162A Math 305	
		<b>9.00 Units</b>				

**4TH YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 13	The Teaching Profession	3.0	3.0			
FS 6	On Becoming a Teacher	1.0		1.0	Educ 13	
Math 401	Advanced Statistics	3.0	3.0		Math 306 Math 801	
Math 402	Calculus II	3.0	3.0		Math 301 Math 307	
Math 403	Seminar in Problem Solving	3.0	3.0			
Math 404	Seminar on Technology in Mathematics	3.0	3.0			
Math 405	Set Theory	3.0	3.0			
Rizal 102	Life and Works of Rizal	3.0	3.0			
SocSci 102	Society and Culture with Family Planning	3.0	3.0			
		<b>25.00 Units</b>				

**4TH YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
CA2	Competency Assessment 2	3.0	3.0			
ELC	Practice Teaching	6.0		6.0	FS 1 FS 2 FS 3 FS 4 FS 5 FS 6	
ST 3	Student Congress	1.0	1.0			
		<b>10.00 Units</b>				