

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

2014-2015

**1ST YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Eng A	Communication Arts	3.0	3.0			
English 101	Study & thinking Skills	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
Bio Sci 1	Botany/Plant Biology	3.0	2.0	1.0	NatSci 100 NatSci 101	
Bio Sci 2	History and Philosophy of Science	3.0	3.0			
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 103	Masining na Pagpapahayag	3.0	3.0		Fil 102	
FS 1	The Learner's Development and Environment	1.0		1.0		
Math 201	Contemporary Mathematics	3.0	3.0			
PE 201	Individual and Dual Sports/Games	2.0	2.0		PE 102	
<b>24.00 Units</b>						

**2ND YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 3	Biological Sciences 2 (Zoology / Animal Biology)	5.0	3.0	2.0	Nat Sci 100 NatSci 100	
Bio Sci 4	General Chemistry with Lab	5.0	3.0	2.0		
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			
Eng B	Technical Writing	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			
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>29.00 Units</b>						

**2ND YEAR - SUMMER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 5	Cell Biology	3.0	3.0			
SocSci 3	Principle of Economics with Taxation and Agrarian Reform	3.0	3.0			
Stat 1	Introduction to Statistics	3.0	3.0			
<b>9.00 Units</b>						

**3RD YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 6	Research in Biological Science	3.0	3.0			
Bio Sci 8	Organic Chemistry with Lab	5.0	3.0	2.0	Bio Sci 4	
Bio Sci 9	Microbiology	5.0	3.0	2.0	Bio Sci 5 BioSci 6	
BioSci 7	Ecology	5.0	3.0	2.0		
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	
<b>29.00 Units</b>						

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

2014-2015

**3RD YEAR - SECOND SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 11	Biochemistry	5.0	3.0	2.0	Bio Sci 8 BioSci 8	
BioSci 10	Genetics	4.0	3.0	1.0		
BioSci 12	Anatomy and Physiology	4.0	3.0	1.0		
Educ 9	Assessment of Student Learning 2	3.0	3.0		Educ 8 Educ. 6	
FS 5	Learning Assessment Strategies	1.0		1.0	Educ 8 Educ. 6	
Human 2	Fundamentals of Music	3.0	3.0		Human 101 Human 101A	
Lit 102	World Literature	3.0	3.0		Lit 101	
Research	Thesis Writing	3.0	3.0			
ST 2	Special Education	1.0	1.0			
		<b>27.00 Units</b>				

**3RD YEAR - SUMMER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 13	Statistics for Biology	3.0	3.0			
Educ 10	Developmental Reading 1	3.0	3.0			
Educ 11	The Social Dimension of Education	3.0	3.0			
		<b>9.00 Units</b>				

**4TH YEAR - FIRST SEMESTER**

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Bio Sci 14	Analytical Chemistry	3.0	2.0	1.0	Bio Sci 4	
Bio Sci 15	Biotechniques	4.0	3.0	1.0		
BioSci 16	Physics for Health Sciences	5.0	3.0	2.0		
CA 1	Competency Assessment 1	3.0	3.0			
Educ 13	The Teaching Profession	3.0	3.0			
FS 6	On Becoming a Teacher	1.0		1.0	Educ 13	
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
CA 2	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>				