



SURIGAO STATE COLLEGE OF TECHNOLOGY

Surigao City

Bachelor of Secondary Education (BSED)-Physical Science

Based on CMO#30 S.2004

Revised as of July 8, 2011

FIRST YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 101	Communication Arts 1(Study and Thinking Skills)	3	0	3	None
Fil. 101	Komunikasyon sa Akademikong Pilipino	3	0	3	None
Soc Sci 101	General Psychology	3	0	3	None
Math 101	Fundamentals of Mathematics	3	0	3	None
Nat Sci 101	Biological Science	3	0	3	None
Hum 101	Introduction to Humanities	3	0	3	None
P.E. 101	Physical Fitness and Health	2	0	2	None
NSTP 101	Nat'l Service Training Program 1	3	0	3	None
TOTAL		23	0	23	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 102	Communication Arts II (Writing in the Discipline)	3	0	3	Engl 101
Fil. 102	Pagbasa't Pagsulat Tungo sa Pananaliksik	3	0	3	Fil. 101
Math 102	Contemporary Mathematics	3	0	3	Math 101
Nat Sci 102	Earth and Environmental Sciences	3	0	3	None
Major 1	Mechanics	3	3	5	Nat. Sci. 101
Major 2	Environmental Science	3	3	5	None
P.E. 102	Rhythmic Activities	2	0	2	None
NSTP 102	Nat'l Service Training Program 2	3	0	3	NSTP 101
TOTAL		23	6	27	

FIRST YEAR SUMMER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Philo 101	Logic and Critical Thinking	3	0	3	None
Soc Sci 201	Phil. Politics and Government with New Constitution	3	0	3	None
ICT 101	Comp. Fundamentals with Programming Concepts	3	0	3	None
TOTAL		9	0	9	

SECOND YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 201	Speech & Oral Communication with Masining na Pagpapahayag	1.5	4.5	3	Engl 102
Fil. 201	/Retorika	3	0	3	Fil. 102
Major 3	General & Inorganic Chemistry	3	3	5	Major 1
Major 4	Thermodynamics	3	3	5	Major 1
Educ 201	Child & Adolescent Development	3	0	3	None
Educ 202	Facilitating Learning	3	0	3	None
Educ 205	Social Dimensions of Education	3	0	3	None
P.E. 201	Individual & Dual Sports	2	0	2	None
FS 1	The Learner's Development and Environment	1	0	1	None
TOTAL		22.5	10.5	28	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
Lit 1	Intro to Literature w/ Phil Literature	3	0	3	None
Major 5	Electricity and Magnetism	3	3	5	Major 4
Major 6	History & Philosophy of Science	3	0	3	None
Major 7	Organic Chemistry	3	3	5	Major 3
Educ 203	Principles of Teaching 1	3	0	3	Educ 202
Educ 204	Educational Technology 1	3	0	3	ICT 101
P.E. 202	Team Sports & Games	2	0	2	None
FS 2	Experiencing the Teaching Learning Process	1	0	1	FS 1
ST 1	Integrative Teaching Strategies	1	0	1	None
JEEP 2	English Proficiency Start 2	1.5	4.5	3	JEEP 1
TOTAL		23.5	10.5	29	

SECOND YEAR SUMMER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Lit 2	Masterpieces in World Literature	3	0	3	None
Soc Sci 202	Philippine History, Roots and Dev't	3	0	3	None
Soc Sci 203	Principles of Economics with TAR	3	0	3	None
TOTAL		9	0	9	

THIRD YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Major 8	Analytical Chemistry	3	3	5	Major 3 & 7
Major 9	Waves and Optics	3	0	3	Major 4 & 5
Educ 301	Principles of Teaching 2	3	0	3	Educ. 203
Educ 302	Assessment of Students' Learning 1	3	0	3	Educ. 203
Educ 303	Educational Technology 2	3	0	3	Educ. 204
Educ 307	Curriculum Development	3	0	3	None
FS 3	Technology in the Learning Env't	1	0	1	FS 2
FS 4	Exploring the Curriculum	1	0	1	FS 2
ST 2	Problem-Based Education	1	0	1	ST 1
TOTAL		21	3	23	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
Major 10	Astronomy	3	0	3	Maj. 3 & 7
Major 11	Basic Electronics	3	3	5	Major 5
Major 12	Biochemistry	3	3	5	Major 4 & 5
Educ 304	Developmental Reading 1	3	0	3	Educ 304
Educ 305	Assessment of Students' Learning 2	3	0	3	Educ 302
Educ 306	The Teaching Profession	3	0	3	Educ 301
Res 1	Intro to Educational Research	3	0	3	None
FS 5	Learning Assessment Strategies	1	0	1	FS 3
FS 6	On Becoming a Teacher	1	0	1	FS 4
JEEP 3	English Proficiency Accelerate 1	1.5	4.5	3	JEEP 2
TOTAL		24.5	10.5	30	

FOURTH YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Major 13	Modern Physics	3	0	3	Major 1
Major 14	Statistics for Physical Science	3	0	3	Educ 305
Major 15	Science, Technology, and Society	3	0	3	None
Res 2	Thesis Writing	3	0	3	Res 1
Educ 401	Guidance and Counseling with SPED	3	0	3	Educ 306
Soc Sci 401	Values and Philippine Society	3	0	3	None
Rizal 1	Rizal's Life, Works and Writings	3	0	3	None
JEEP 4	English Proficiency Accelerate 2	1.5	4.5	3	JEEP 3
TOTAL		22.5	4.5	24	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
FS 7	Practice-Teaching	6	0	6	Education Subjects
ST 3	Student-Teachers Congress	1	0	1	
TOTAL		7	0	7	

Summary of Units:

General Education - 66 units
 Professional Education - 54 units
 Mandated Subjects - 14 units

Specialization - 63 units
 Elective - 6 units
 Thesis - 6 units
 Total - 209 units