

Surigao Del Sur State University
Tandag City, Surigao del Sur
COLLEGE OF GRADUATE SCHOOL
DOCTOR OF PHILOSOPHY - SCIENCE

2013-2014

1ST YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 401	Philo-Socio Foundation Education	3.0	3.0			
Educ 402	Bio-Psychological Foundation	3.0	3.0			
Educ 403	History of Science and Technology and Science Education	3.0	3.0			
		9.00 Units				

1ST YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 404	Management and Science Leadership	3.0	3.0			
SciEd 407	Advanced Biology	3.0	3.0			
SciEd 408	Advanced Physical Science	3.0	3.0			
		9.00 Units				

1ST YEAR - SUMMER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Educ 405	Advanced Research Techniques	3.0	3.0			
Educ 406	Advanced Educational Statistics	3.0	3.0			
SciEd 409	Advanced Inorganic and Organic Chemistry	3.0	3.0			
		9.00 Units				

2ND YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
SciEd 410	Advanced Physics for Teachers	3.0	3.0			
SciEd 413	Curriculum Development in Science Teaching	3.0	3.0			
SciEd 415	Science Teaching Strategies and Techniques	3.0	3.0			
		9.00 Units				

2ND YEAR - SECOND SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
SciEd 412	Advanced Plant and Animal Systematics	3.0	3.0			
SciEd 414	Development of Instructional Materials in Science Education	3.0	3.0			
SciEd 417	Graduate Seminar and Field Work in Science Education	3.0	3.0			
		9.00 Units				

2ND YEAR - SUMMER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
SciEd 418	Science Activities and Project Mangement or	3.0	3.0			
SciEd 418	Advanced Ecology or	3.0	3.0			
SciEd 419	Astronomy	3.0	3.0			
		9.00 Units				

3RD YEAR - FIRST SEMESTER

Subject Name	Subject Description	Credit Units	Lec. Units	Lab. Units	Pre- Requisites	Grade
Dissertation Writing A	Dissertation Writing (Research Agendum A)	6.0	6.0			
Dissertation Writing B	Dissertation Writing (Research Agendum B)	6.0	6.0			
		12.00 Units				