

# Master of Science major in **CHEMISTRY**

## PRE-REQUISITE

Course	Professor	Day/Time	Room
St. Thomas and Critical Thinking	E. DELA CRUZ	SAT 8-11	
St. Thomas and Critical Thinking	E. DELA CRUZ	SAT 11-2	
St. Thomas and Critical Thinking	J. AUREADA, O.P.	THU 6-9	
St. Thomas and Critical Thinking	F. TIMBREZA	WED 6-9	
St. Thomas and Critical Thinking	F. TIMBREZA	FRI 6-9	
St. Thomas and Critical Thinking	J. CARIÑO	TUE 6-9	
St. Thomas and Critical Thinking	M. VASCO	SAT 2-5	
St. Thomas and Critical Thinking	R. MATIENZO	TUE 6-9	

## CORE

Course	Professor	Day/Time	Room
ADVANCED BIOCHEMISTRY	M.C. RAMOS	WED 6-9	
ADVANCED ANALYTICAL CHEMISTRY	F. SEVILLA III	SAT 8-11	
ADVANCED INORGANIC CHEMISTRY	N. VALERA	SAT 2-5	

## SPECIALIZATION

Course	Professor	Day/Time	Room
CURRENT TOPICS IN ANALYTICAL CHEMISTRY	C. BINAG/B.TONGOL	THUR 5-8	
CHEMICAL TOXICOLOGY	M. YSRAEL	SAT 11-2	
CHEMISTRY OF NATURAL PRODUCTS	A.AGUINALDO/M.NONATO	TUE 6-9	
QUANTUM CHEMISTRY	F. SEVILLA III	WED 1-4	
CHEMICAL SENSORS & BIOSENSORS	D.ALBANO/J.BERGANTINJR.	FRI 6-9	

## OTHER REQUIREMENTS: *(If required upon admission)*

Course	Professor	Day/Time	Room
Advanced Academic Writing (for Non-English Majors)	L. MOJICA	SAT 11-2	

## TERMINAL REQUIREMENTS

Course	Professor	Day/Time	Room
Thesis Writing I (TW1)	C. GARCIA	FRI 6-9	
Thesis Writing II (TW2)			
Thesis Writing III (TW3)			

# Doctor of Philosophy major in CHEMISTRY

## PRE-REQUISITE

Course	Professor	Day/Time	Room
Philosophy of Values	Fr. R. Aligan	WED 6-9	
Philosophy of St. Thomas Aquinas	Fr. J. AUREADA	FRI 6-9	
St. Thomas and Critical Thinking (refer to MS/MA course offerings)			

## SPECIALIZATION

Course	Professor	Day/Time	Room
STEREOCHEMISTRY (CHIRAL PHARMACEUTICALS)	C. GARCIA	THUR 6-9	
QUANTUM CHEMISTRY	F. SEVILLA III	WED 1-4	
CHEMICAL TOXICOLOGY	M. YSRAEL	SAT 11-2	
CHEMISTRY OF ALKALOIDS	A.AGUINALDO/M.NONATO	FRI 6-9	
CHEMICAL SENSORS & BIOSENSORS	D.ALBANO/J.BERGANTIN,JR.	FRI 6-9	

## OTHER REQUIREMENTS:

Course	Professor	Day/Time	Room
Graduate Seminar (4 units: 1 unit for every term for 4 terms)			

## TERMINAL REQUIREMENTS

Course	Professor	Day/Time	Room
Foreign Language			
Dissertation Writing I (DW1)			
Dissertation Writing II (DW2)			
Dissertation Writing III (DW3)			
Dissertation Writing IV (DW4)			
<b>Note: Under the revised curriculum (2014-2017) only DW1, DW2, and DW3 must be completed</b>			