

Student: \_\_\_\_\_

ID#: \_\_\_\_\_

Advisor: \_\_\_\_\_

# Bachelor of Arts in Chemistry 2016-2018 Catalog

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_



UNIVERSITY  
ST. THOMAS  
HOUSTON

Credit Hour Breakdown	
Hours completed	
Hours in progress	
Core hours needed	
Major hours needed	
(Minor hours needed)	
(Other hours needed)	
Elective hours needed	
TOTAL HOURS (126+)	

### Overall Requirements to Graduate

- 126+ semester hours
- Completion of core curriculum
- Completion of a major
- 36 upper division credit hours
- GPA above 2.0
- Major GPA above 2.0
- Minor/Program complete (optional)

Core Curriculum (46 hours)			Complete	Needed
<b>Theology (9 credit hours)</b> Must take in order. (Pre-req: Phil 1311 or 1315/3315)				
<input type="checkbox"/> THEO 1301/3301 Intro to Sacred Scriptures <input type="checkbox"/> THEO 2301/3311 Teachings of the Catholic Church <input type="checkbox"/> THEO 3349 Christ and the Moral Life (Phil 2314 or 2316/3316)	<b>Students with 30-59 transfer hrs:</b> 6-9 hours THEO 6-9 hours PHIL 3 hours Synthesis <i>(18 hours total)</i>	<b>Students with 60+ transfer hrs:</b> 6 hours THEO 6 hours PHIL NO synthesis <i>(12 hours total)</i>		
<b>Philosophy (9 credit hours)</b> Choose one sequence:				
<u>Systematic Sequence (must take in order)</u> <input type="checkbox"/> PHIL 1311 Philosophy of the Human Person <input type="checkbox"/> PHIL 2314 Ethics <input type="checkbox"/> PHIL 3313 Metaphysics	<u>Historical Sequence (must take in order)</u> <input type="checkbox"/> PHIL 1315/3315 Ancient Philosophy <input type="checkbox"/> PHIL 2316/3316 Medieval Philosophy <input type="checkbox"/> PHIL 3317 – Modern Philosophy			
<b>Synthesis Course (3 credit Hours)</b>				
Choose <b>one</b> synthesis course from the Synthesis Course List.				
<b>English (9 credit hours)*</b> Must take in order.				
<input type="checkbox"/> ENGL 1341 The Classical Tradition: Literature & Composition I <input type="checkbox"/> ENGL 1342 The Middle Ages: Literature & Composition II <input type="checkbox"/> ENGL 2312 The Modern World: Literature & Composition III		<b>*Students with transfer credit:</b> 3 transfer credits: Take 1341/1342 (left) 6 transfer credits: Take ENGL 3312 (below) <input type="checkbox"/> ENGL 3312 Perspectives in World Lit.		
<b>History (6 credit hours)</b> Choose <b>one</b> pair of courses:				
<u>World History</u> <input type="checkbox"/> HIST 1335 World Community I <input type="checkbox"/> HIST 1336 World Community II	<u>U.S. History</u> <input type="checkbox"/> HIST 2333 U.S. History to 1877 <input type="checkbox"/> HIST 2334 U.S. History since 1877			
<b>Social and Behavioral Sciences (6 credit hours)</b> Choose <b>one</b> option:				
<u>Social and Behavioral Sciences Option</u> <input type="checkbox"/> Choose <b>two</b> courses from the Social and Behavioral Sciences Core course list.	<u>Social and Behavioral Sciences + Oral Communication Option</u> <input type="checkbox"/> Choose <b>one</b> course from the Social & Behavioral Sciences Core course list. <input type="checkbox"/> Choose <b>one</b> course from the Communication Core Course list.			
<b>Natural Sciences (8-10 credit hours)</b> Choose <b>one</b> option:				
<u>Natural Sciences Option (8 credit hours)</u> <input type="checkbox"/> Choose <b>two</b> lecture/laboratory courses from the Natural Sciences Core course list.	<u>Natural Sciences + Modern and Classical Language Option (10 credit hours)</u> <input type="checkbox"/> Choose <b>one</b> lecture/laboratory course from the Natural Sciences Core course list. <input type="checkbox"/> Choose <b>two</b> sequential courses in a language. Courses must be completed in order		(Included in major)	
<b>Mathematics (3 credit hours)</b>				
<input type="checkbox"/> Choose <b>one</b> course from the Mathematics Core Course list.			(Included in major)	
<b>Fine Arts (3 credit hours)</b>				
<input type="checkbox"/> Choose <b>one</b> course from the Fine Arts Core Course list.				
<b>Freshman Symposium (1 credit hour)</b> Required for all incoming freshmen.				
<input type="checkbox"/> UNIV 1111 Freshman Symposium				

# Bachelor of Arts in Chemistry

## 2016-2018 Catalog

<b>Major Requirements (53 credit hours)</b>		Completed	Needed
<b>Chemistry (37 credit hours)</b>			
<input type="checkbox"/> CHEM 1341/1141 – General Chemistry I and laboratory <input type="checkbox"/> CHEM 1342/1142 – General Chemistry II and laboratory (CHEM 1341/1141) <input type="checkbox"/> CHEM 2343/2143 – Organic Chemistry I and laboratory (CHEM 1342/1142) <input type="checkbox"/> CHEM 3333/3133 – Organic Chemistry II and laboratory (CHEM 2343/2143) <input type="checkbox"/> CHEM 3334/3134 – Biochemistry and laboratory (CHEM 2343/2143) <input type="checkbox"/> CHEM 3343/3143 – Analytical Chemistry and laboratory (CHEM 1342/1142) <input type="checkbox"/> CHEM 4331/4131 – Advanced Organic Chemistry and laboratory (CHEM 3333/3133) <input type="checkbox"/> CHEM 4332/4132 – Inorganic Chemistry and laboratory (CHEM 3333/3133) <input type="checkbox"/> CHEM 4362/4162 – Thermodynamics and Kinetics and laboratory (CHEM 1342/1142; MATH 1431/1432/2343; PHYS 1331/1332 or PHYS 2333/2334) <input type="checkbox"/> CHEM 4112 – Scientific Communication (junior or senior standing)			
<b>Mathematics (8 credit hours)</b> Must take in order.			
<input type="checkbox"/> MATH 1431 – Calculus I <input type="checkbox"/> MATH 1432 – Calculus II			
<b>Physics (8 credit hours)</b> Choose one pair of courses.			
<input type="checkbox"/> PHYS 1331/1111 – General Physics I w/lab <input type="checkbox"/> PHYS 1332/1112 – General Physics II w/lab	<input type="checkbox"/> PHYS 2333/2111 – University Physics I w/lab <input type="checkbox"/> PHYS 2334/2112 – University Physics II w/lab		

<b>Electives</b>		Completed	Needed
<b>Electives to reach the 126 hour minimum to graduate (27 hours)</b>			
<i>This major contains 25 upper-division (3000 or 4000 level) credit hours. 36 upper-division credit hours are required for graduation. Consider additional upper-division options in the core or electives.</i>			

<b>Totals</b>		Completed	Needed
<b>Total undergraduate hours (126 minimum):</b>			

MINIMUM TOTAL: 126+