

**College of Basic and Applied Sciences  
Upper Division Form 2007-2009 Catalog**

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major Chemistry Minor \_\_\_\_\_  
 Concentration Professional E-mail \_\_\_\_\_

Instructions: For Students graduating in Fall 2007 or later. *One (1) copy signed by major and minor advisors should be filed in the Records Office three semesters prior to graduation. An Intent to Graduate form should accompany this form.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020 or 2030 or HUM 2610 Choose two (different rubrics): ANTH 2210, ART 1030, ART 1910, ART 1920, DANC 1000, HIST 1010, HIST 1020, HIST 1110, HIST 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours) * MATH 1730 (if exempt take MATH 1910)					3 or 4*
NATURAL SCIENCES (8 hours)	BIOL 1110/1111				4
	CHEM 1110/1111			Course is also considered part of the major, making a total of 36 credits of CHEM	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, GEOG 2000, G S 2010 HLTH 1530/1531, JOUR/EMC/RI 1020 PS 1010, PS 2010, PSY 1410, SOC 1010, SOC 2010, WMST 2100					3
					3
<b>Hours Required</b>					<b>41</b>

\*If a 4 credit Math is taken, count 3 credits in General Education and the extra 1 credit in Supporting Courses.

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
General Chemistry I	CHEM 1110/1111			Credits counted above.	(4)
General Chemistry II	CHEM 1120/1121				4
Quantitative Analysis	CHEM 2230/2231				5
Organic Chemistry I	CHEM 3010/3011				4
Organic Chemistry II	CHEM 3020/3021				4
Inorganic Chemistry	CHEM 4400				3
Physical Chemistry I	CHEM 4350/4351				4
Physical Chemistry II	CHEM 4360/4361				4
Biochemistry I (4500) or Principles of Biochemistry (3530/3531)	CHEM				3 or 4
Instrumental Analysis	CHEM 4230/4231				4
Advanced Inorganic Chemistry	CHEM 4410				3
Advanced Synthetic Laboratory Techniques	CHEM 4430/4431				2
Complete 4 hours from CHEM 4100, 4700 & 4780, 4730/4731, 4000, 4510, 4530, 4880 4600, and 4610					4
<b>Hours Required</b>					<b>44 - 45 (48 - 49)</b>

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
BIOL 1120/1121				4
PHYS 2110/2111				4
PHYS 2120/2121				4
MATH 1730				1
MATH 1910				4
MATH 1920				4
MATH 3110 or PHYS 3150				4
CSCI 1150 or approved CSCI course				3
Upper Division Electives				6-7
<b>Hours Required</b>				34-35

Optional Minor				
Course	Semester	Grade	Notes	Credit Hours
<b>Hours Required</b>				
Signed:				
	Minor Advisor			Date

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:			
	Major Advisor		
	Date		