

**College of Basic and Applied Sciences  
2009-2011 Upper Division Form**

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

Instructions: *One (1) copy signed by major advisor and minor advisor (if applicable) should be filed with the college graduation coordinator in JH 115 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 1910			Remaining credit counts in Supporting Courses	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 Math ACT score is less than 26, must take Math 1730 before enrolling in Math 1910.

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 1910				1
MATH 1920				4
MATH 3110 or PHYS 3150				4
CSCI 1150 or approved CSCI course				3
Upper Division Electives				10-11
<b>Hours Required</b>				34-35

Optional Minor				
Course	Semester	Grade	Notes	Credit Hours
<b>Hours Required</b>				
<b>Signed:</b>				
	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 (DSP) courses do not count toward the 120-hour requirement or cumulative degree GPA.

<b>Signed:</b>		
	Major Advisor	Date

Student's local address:  
to which graduation analysis  
information should be sent: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_