

**College of Basic and Applied Sciences
Upper Division Form 2015-2016 Catalog**

Student name _____ Student # _____

Major Science Minor Secondary Education

Concentration Teaching (Chemistry 7-12 and/or Physics 7-12)

Instructions: For Students graduating Fall 2015 or later. One (1) copy signed by major and minor advisors should be filed with the Graduation Coordinator in KUC 322 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, 2030, or HUM 2610. Choose two with different prefixes: ANTH 2210, ART 1030,1920, DANC 1000, HIST 1010,1020, 1110,1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours required for General Studies)	MATH 1730			Additional credit counts in Supporting Courses	3 of 4
NATURAL SCIENCES (8 hours)	CHEM 1110/11			Also considered part of major	4
	BIOL 1110/11			Also considered part of major	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different prefixes): AAS 2100, ANTH 2010, EMC/JOUR/RIM 1020, ECON 2410, GEOG 2000, HLTH 1530/1531, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, 2010, WGST 2100					3
					3
Hours Required					41

Major Courses	Course	Semester	Grade	Notes	Credit Hours
Non-Calculus Based Physics I & Laboratory (PHYS 2010/2011)	PHYS 2010/2011				4
Non-Calculus Based Physics II & Laboratory (PHYS 2020/2021)	PHYS 2020/2021				4
Directed Studies in Physics	PHYS 3050				3
Concept & Application of Digital Electronics	PHYS 3310				3
Concept & Application of Analog Electronics	PHYS 3350				4
Advanced Physics Laboratory I	PHYS 3910				1
General Chemistry	CHEM 1110/11			Credits Counted Above	(4)
General Chemistry	CHEM 1120/21				4
Elements of Organic Chemistry	CHEM 2030/31				4
Principles of Biochemistry	CHEM 3530/31				4
Undergraduate Research I	CHEM 2880				2
General Biology	BIOL 1110/11			Credits Counted Above	(4)
General Biology	BIOL 1120/21				4
Hours Required					37 (45)

Supporting Course				
Course	Semester	Grade	Notes	Credit Hours
PSCI 1030/31				4
CHEM 3890				1
MATH 1730				1 of 4
Upper Division Electives				3
Electives				3
Hours Required				12

Minor Secondary Education				
	Semester	Grade		Credit Hours
MSE 1010 Inquiry Approaches to Teaching				1
MSE 2010 Inquiry Lesson Design				1
YOED 3520 Knowing and Learning				3
YOED 3550 Classroom Interactions in Science and Math				3
PHIL 3120 Perspectives in Math and Science				3
YOED 4050 Project Based Instruction in Math and Science				3
YOED 4040 Residency I				4
YOED 4400 Residency II				12
MINOR HOURS REQUIRED				30
TOTAL HOURS REQUIRED				120
Signed:				
	Minor Advisor			Date

Optional 2 nd Minor				
Course	Semester	Grade	Notes	Credit Hours
Hours Required				
Signed:				
	Minor Advisor			Date

- 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 minimum of 60 senior college hours.
- Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:		
	Major Advisor	Date