

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

Student name _____ Student # _____

Major Science Minor Secondary Education/MTeach

Concentration Teaching (Biology 7-12 and/or Chemistry 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 or 2030 or HUM 2610 Choose two (different rubrics): ANTH 2210, ART 1030 or 1920, DANC 1000, HIST 1010, 1020, 1110, or 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)	BIOL 1110/11			Also considered part of major	4
	CHEM 1110/11			Also considered part of major	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/RIM 1020, PS 1010 or 1005, PSY 1410, RS 2030, SOC 1010 or 2010, WGST 2100					3
					3
Hours Required					41

Major Courses	Course	Semester	Grade	Notes	Credit Hours
General Chemistry I	CHEM 1110/11			Credits Counted Above	(4)
General Chemistry II	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
Genetics	BIOL 3250/51				4
Microbiology	BIOL 2230/31				4
Ecology	BIOL 3400/01				4
Non-Calculus Based Physics I & Laboratory	PHYS 2010/2011				4
Non-Calculus Based Physics II & Laboratory	PHYS 2020/2021				4
Hours Required					38 (46)

Supporting Course				
Course	Semester	Grade	Notes	Credit Hours
CHEM 3890				1
MATH 1730				1of 4
PSCI 1030/31				4
Upper Division Electives				5
Hours Required				11

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

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. Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:				
	Major Advisor			Date