

General Science 5-9
College of Education
Catalog Year 2018-2019

**This specialization MUST BE an endorsement to a SECONDARY EDUCATION or ELEMENTARY K-6 COMPREHENSIVE major course of study.
It is not a stand-alone program.**

**Courses in Teaching Specialization require a 2.80 GPA.
Courses in Professional Education Core require a 3.0 GPA.**

GENERAL SCIENCE 5-9 – Required Courses

Hours Grade

TEACHING SPECIALIZATION

33 hours

BSC 120 – Principles of Biology (PR: ACT Math 21 or grade of 'C' or better in MTH 121 or higher)	4	
BSC 121 – Principles of Biology (PR: BSC 120 – grade of 'C' or higher) (no course substitution for BSC 120 or 121)	4	
BSC 320 – Principles of Ecology (BSC 121 with grade 'C' or above) or any Ecology or Environmental Science course	4	
GEO 230 – Introduction to Meteorology	4	
GLY 200 – Physical Geology (CR: GLY 210L)	3	
GLY 210L - Earth Materials Laboratory (CR: GLY 200)	1	
PS 101 - Introductory Astronomy	4	
CI 248 - Introduction to Science for Elementary Educators (PR: MTH 127 or MTH 130)	3	
PS 121 - Physical Science for Teachers: Chemistry (PR: MTH127, MTH130, MTH132, MTH140, or MTH229) Fall only	3	
PS 122 -Physical Science for Teachers: Physics (PR: MTH127, MTH130, MTH132, MTH140, or MTH229) Spring only	3	
PS 325 -Development of Scientific Thought (PR: 12 hours of science courses)	4	
TOTAL	37 hours	
STUDENTS SHOULD MONITOR THEIR PROGRAMS OF STUDY CAREFULLY DUE TO ONGOING CURRICULAR CHANGES		

ALL coursework in Teaching Specialization and Professional Education Core must be completed with a grade of 'C' or better.

PROFESSIONAL EDUCATION CORE (18 Hours)

Hours Grade

Courses below are required in conjunction with or in addition to a first major

THE FOLLOWING COURSES (ADMI 4) REQUIRE ADMISSION ELIGIBILITY (see below)

CI 401 – Middle Childhood Curriculum	3	
CI 403 – Methods and Materials of Teaching in the Middle childhood Grades (PR: CI 401)**(15 hour clinical)	3	

THE FOLLOWING COURSES (ADMI 5) REQUIRE ADMISSION ELIGIBILITY (see below)*

CI ___ - Student Teaching CAPSTONE (credit/no credit)	12	
TOTAL	18 hours	

****Course requires clinical experience in a public school during normal school hours.**

<u>Admission requirements for ADMI 4:</u>	<u>Admission requirements for ADMI 5:</u>	<u>Admission requirements for Student Teaching:</u>
<ol style="list-style-type: none"> Grade Point Average of 2.80 or higher (both MU and overall) EDF 201 (grade "C" or better) and EDF 270 (credit) Passing scores on the PRAXIS Core exam – all 3 areas (EXEMPT from PRAXIS Core exam with SAT 1240 or ACT composite 26 or higher) Portfolio in LiveText which includes: Self-Assessment, Writing Sample and three Recommendations 21 ACT composite score MU students: Completion of 26 credits hours Transfer students: Completion of 12 Marshall University credit hours 	<ol style="list-style-type: none"> 12 hours of completed Professional Education Core courses 2.8 GPA overall, at MU, and in Teaching Specialization 3.0 GPA in Professional Education Core 	<ol style="list-style-type: none"> At least 90% of Teaching Specialization courses completed Minimum of 100 credit hours completed 2.8 GPA overall, at MU, and in Teaching Specialization 3.0 GPA in Professional Education Core Completion of all Professional Education Core Courses (with the exception of EDF 475)

GRADUATION APPLICATION: Must be submitted by the Fall, Spring or Summer deadline.