

Name: _____ Student ID#: _____ NetID: _____

Bachelor of Science in Education with a major in
VolsTeach Secondary STEM Concentration – Middle Grades Science Specialization
The University of Tennessee, Knoxville – 2021-2022 Catalog

VolsTeach: Introduction to Teaching (2)

____ TPTE 115 (2) *To be completed Term 1 or 2*

English Composition (6)

____ ENGL 101 or 118 (3)

____ ENGL 102 (3) *Prereq: ENGL 101*

Communicating Through Writing (WC) (3)

____ SCED 432 (3) *Prereq: ENGL 102, 132, 290, or 298;*
Coreq: TPTE 115; Complete Term 3

Communicating Orally (OC) (3)

_____ (3)

Quantitative Reasoning (QR) (6-8)

_____ (3-4)

_____ (3-4)

Natural Sciences (NS) (7-8)

Requirement met through specialization courses.

Arts and Humanities (AH) (6)

_____ (3)

_____ (3)

Cultures and Civilizations (6)

_____ (3)

_____ (3)

Social Science (SS) (6)

_____ (3)

_____ (3)

Teacher Education Admission Requirements:

- 2.75 cumulative GPA
- 12 credit hours of coursework
- ACT/SAT scores on file
- ProCADs and Background Check
- Board of Admission Review

Note: Admission to the Teacher Education program is competitive and not guaranteed.

Middle Grades Science Specialization Courses (32) – with a C or better

____ BIOL 150 or 158

____ BIOL 160 or 168

____ CHEM 122 (3) and CHEM 123 (1) *prereq: MATH 119 or Math ACT 25/SAT 620*

____ CHEM 132 (3) and CHEM 133 (1) *prereq: CHEM 122 or CHEM 128 with a C or better*

____ PHYS 135 *coreq: MATH 132 or MATH 141*

____ PHYS 136 *coreq: MATH 142*

Two geology courses (7-8): GEOL 100, GEOL 101, GEOL 102, GEOL 103, GEOL 104

_____ (3-4)

_____ (4)

One additional 200-level course from BIOL, BCMB, CHEM, GEOL, or PHYS.

_____ (3-4)

STEM Education Major Courses – C or better (unless noted otherwise)

Term 3

____ EDPY 401* (3)

Term 4

____ ETEC 486* (3)

Term 5

____ SPED 402* (3)

____ REED 461 (3)

____ SCED 434† (3)

____ SCED 445* (3)

Term 6

____ TPTE 203 (3)

____ INPG 353 (3)

____ SCED 446† (3)

Term 7

____ SCED 435*† (9)

____ TPTE 490† (6)

Term 8

____ INPG 385† (3)

____ Educ. Elec. (3)

** Registration restriction: Admission to Teacher Education Program required.*

† A grade of B or better is required.

Education Elective (3)

CSE 200, CSE 300; SPED 300; SPED 415, SPED 442, SPED 452; TPTE 442; WLEL 489

_____ (3)

TOTAL HOURS REQUIRED: 120

Additional Information:

Progression to the VolsTeach Secondary STEM concentration requires a 2.75 cumulative GPA after a minimum of 12 semester credits. Once candidates formally progress to the concentration, they must maintain a minimum cumulative GPA of 2.75 while in the program. Students must earn a grade of B or better in SCED 434, TPTE 490, INPG 385, and SCED 435, and a C or better in all math and science content or major courses. Students with less than a 2.75 GPA for two consecutive semesters will be dropped from the program. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

Maintaining Good Academic Standing in Teacher Education:

To maintain good standing in the Teacher Education Program and to qualify for a degree and/or licensure as a teacher, students must perform adequately both in the university classroom and in the school(s). Students must maintain a minimum 2.75 cumulative GPA, establish and maintain a minimum 2.5 GPA in their major, and maintain a minimum 2.8 GPA (course grade C or higher required) in professional education courses.

U-Track Milestones

Term	Requirement	Completed
1	2.50 cumulative GPA	
2	2.75 cumulative GPA (maintain throughout)	
3	ENGL 101 or ENGL 118	
4	Quantitative Reasoning Elective	
5	Arts and Humanities Elective	
6	EDPY 401, ETEC 486, SPED 402	
8	SCED 435, TPTE 490	