

Name: _____ Student ID#: _____ NetID: _____

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

VolsTeach: Introduction to Teaching (2)

____ TPTE 115 (2) *Complete Term 1 or 2*

English Composition (6)

____ ENGL 101 or 118 (3)

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

Communicating Through Writing (WC) (3)

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

Communicating Orally (OC) (3)

____ (3)

Quantitative Reasoning (QR) (6)

Requirement met through specialization courses.

Natural Sciences (NS) (7-8)

At least one course must have a laboratory.

____ (3-4)

____ (3-4)

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 Math Specialization Courses (31) – with a C or better

____ MATH 113 (3)

____ MATH 115 (3)

____ MATH 119 (3)

____ MATH 123 (3) *Prereq: C or better in MATH 119, MATH 130, or MATH 131; or MATH 125, MATH 132, MATH 141 or MATH 147*

____ MATH 131 (3) *Prereq: Appropriate placement exam score*

____ MATH 132 (3) *Prereq: MATH 131*

____ MATH 142 (4) *Prereq: MATH 132 or MATH 141 or MATH 147*

____ MATH 251 (3) *Prereq: MATH 142 or MATH 148*

Two additional courses: MATH 231, MATH 241, MATH 300/307, MATH 323, MATH 341, MATH 351, MATH 371, MATH 460

____ (3-4)

____ (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)

____ MEDU 434† (3)

____ MEDU 445* (3)

Term 6

____ TPTE 203 (3)

____ INPG 353 (3)

____ MEDU 405† (3)

Term 7

____ MEDU 435*† (9)

____ TPTE 490† (6)

Term 8

____ INPG 385† (3)

____ Educ. Elec. (3)

____ MEDU 446* (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 MEDU 434, TPTE 490, MEDU 405, INPG 385, and MEDU 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	MEDU 435, TPTE 490	