

MATH & SCIENCE

The VolsTeach program provides students with the opportunity to receive their degree in math or science and their secondary education teaching license for grades 6 - 12.

Because there is a shortage of science and math teachers in the United States, the VolsTeach program is recruiting students interested in using their academic talents and accomplishments to educate our nations' high school students in science and math.

Admission Requirements:

- 45 Credits with cumulative 2.75 GPA; 2.50 GPA in content/subject area
- ACT 21 (SAT 1080) or completion of PRAXIS Core Exam, test # 5751
- Completion of TPTE 110/120, MEDU/SCED 432
 - For Math: completion of Math 141 & 142, 6 cr. 200 level math
 - For Science: completion of 8 cr lab-sequence
- Completion of online Application, ProCADS form, and background clearance
- Successful board interview

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The VolsTeach Minor:

MATH:

Fall course offerings

TPTE 110 - Inquiry-based Teaching
TPTE 120 - Inquiry-based Lesson Design
MEDU 432 - Knowing and Learning
Spring or Fall
TPTE 495 - Math Teaching and Learning
MATH 400 - Perspective and History of Math
MEDU 435 - Apprentice Teaching
TPTE 495 - Apprentice Teaching Seminar
TPTE 493 - Independent Study (Optional)

Spring course offerings

TPTE 110 - Inquiry-based Teaching
TPTE 120 - Inquiry-based Lesson Design
MEDU 405 - Functions and Modeling
MEDU 433 - Classroom Interactions
MATH 400 - Perspective and History of Math
INPG 385 - Research Methods
It is recommended to take Functions and Modeling prior to taking Research Methods.
MATH 460 - Geometry

SCIENCE:

Fall course offerings

TPTE 110 - Inquiry-based Teaching
TPTE 120 - Inquiry-based Lesson Design
SCED 432 - Knowing and Learning
Spring or Fall
TPTE 495 - Secondary Science
PHIL 360 - Philosophy of Science
SCED 435 - Apprentice Teaching
TPTE 495 - Apprentice Teaching Seminar
TPTE 493 - Independent Study (Optional)

Spring course offerings

TPTE 110 - Inquiry-based Teaching
TPTE 120 - Inquiry-based Lesson Design
SCED 433 - Classroom Interactions
PHIL 360 - Philosophy of Science
INPG 385 - Research Methods
Complete a Geology elective

For advising:

Students interested in pursuing a VolsTeach minor will want to contact the College of Education, Health and Human Science Office of Advising and Student Services.

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