

# WVUteach

---

## MATHEMATICS 5-ADULT

Teaching changes lives. It is a rewarding profession that makes a difference. If you've ever considered teaching, WVUteach is an innovative program uniting in-depth science and mathematics education with teacher preparation. Science and Mathematics teachers are some of the most sought after high school teachers.

WVUteach is designed to give undergraduate students the opportunity to explore the profession of teaching in STEM fields (science, technology, engineering, and math) in a hands-on way. In your very first semester in the program, you will have the opportunity to develop and teach a lesson in a local classroom. WVUteach allows you to complete a rigorous degree in any STEM field and earn your secondary teaching certification in tandem with your 4-year degree in mathematics or science, one degree, with an additional career option. WVUteach is designed to give you the essential tools to forge change in the next generation.

In WVUteach, you take the same courses as students in non-teaching options, with slight variations. You will be able to compete with students in the non-teaching option for the same jobs and graduate programs in your field. Graduate program prerequisites vary. Students thinking about graduate school should always speak to the Graduate Advisor for the program to determine the coursework expected for applicants.

For more information on licensure requirements please visit our webpage (<http://WVUteach.wvu.edu>) and schedule an appointment with a WVUteach advisor.

Students seeking Mathematics 5-Adult teaching certification complete the Mathematics B.A. or B.S. major requirements and the following courses (36 hours). The WVUteach curriculum can be completed within the 120 hours required for graduation with a B.A. or B.S. in Mathematics:

### WVUTEACH: MATHEMATICS 5-ADULT

ARSC 120	Inquiry Approaches to Teaching	1
ARSC 220	Inquiry-Based Lesson Design	1
UTCH 221	Knowing and Learning in Mathematics and Science (GEF 4)	3
UTCH 222	Classroom Interactions in Math and Science	3
UTCH 420	Project-Based Instruction in Mathematics and Science	3
UTCH 430	Apprentice Teaching in Math and Science	10
MATH 318	Perspectives on Mathematics and Science (GEF 5) *	3
PHYS 376	Research Methods	3
MATH 376	Foundations, Functions and Regression Models *	3
C&I 432	Curriculum and Technology in Mathematics	3
C&I 434	Teaching Mathematics: Secondary School	3
Total Hours		36

\* MATH 318 and MATH 376 count within the math major requirements.