P-6 Mathematics Specialist Endorsement – Online Courses

The Ohio State University College of Education and Human Ecology
Department of Teaching and Learning
Program Requirements – 16 semester hours (8 hours online)

The **P-6 mathematics specialist endorsement** is a graduate-level program for teachers who want to specialize in math instruction.

A portion of the endorsement is **available online** to help meet the demands of busy educators. Four of the seven courses in this endorsement can be completed from the comfort of your home.

This endorsement trains Ohio educators who hold a standard Ohio teaching certificate or license to coach and deliver professional development for mathematics teachers as well as provide leadership in mathematics education. Educators interested in pursuing this endorsement are required to have at least three years of successful teaching experience in mathematics.

OSU’s regional campuses offer four online courses, in rotation, to meet the endorsement requirements. The remaining three courses are available at the Columbus, Mansfield, Marion and Newark campuses. Review [the official program sheet](#) for a complete course listing.

### Online Course Requirements

**2015**

**Spring Semester**
EDUTL 7711 K-6 Number and Algebra

**Summer Semester**
EDUTL 7705 Cognition and Socio-Cultural Issues in School Mathematics

**Autumn Semester**
EDUTL 7712 K-6 Measurement and Geometry

**Marion Campus**

**2016**

**Spring Semester**
EDUTL 7713 K-6 Data Analysis and Probability

**Summer Semester**
EDUTL 7705 Cognition and Socio-Cultural Issues in School Mathematics

**Autumn Semester**
EDUTL 7711 K-6 Number and Algebra

**Lima Campus**

**2017**

**Spring Semester**
EDUTL 7712 K-6 Measurement and Geometry

**Summer Semester**
EDUTL 7713 K-6 Data Analysis and Probability

**Newark Campus**
Course Descriptions (all courses 2 credit hours each)

EDUTL 7705  Cognition and Socio-Cultural Issues in School Mathematics
To be successful educators, participants need to have knowledge of child development, child psychology, and influences on student learning such as cultural diversity, limited English proficiency, gender, and physical challenges.

EDUTL 7711  K-6 Number and Algebra
Students will understand concepts such as number, number sense, variable, and equality through an opportunity to learn at a deeper level and to examine instructional strategies to help students.

EDUTL 7712  K-6 Measurement and Geometry
Students will understand concepts such as spatial sense, units of measure, and work with two-and three-dimensional objects through an opportunity to learn at a deeper level and to examine instructional strategies to help students.

EDUTL 7713  K-6 Data Analysis and Probability
Students will understand concepts such as chance and possible outcomes and predicting events as likely or unlikely, and testing predictions, and representational skills to depict and analyze data sets.

Additional Information

Fee Waivers
Fee waivers from Ohio State are redeemable at regional campuses and may be used for these courses. Please contact your school district’s administration for eligibility.

Important Registration Information

- Get details on how to enroll in graduate studies from OSU’s Graduate School, http://gradadmissions.osu.edu
- For tuition information and an explanation of fees, please visit University Registrar: http://registrar.osu.edu/FeeTables/MainFeeTables.asp
- For additional assistance, contact an advisor at one of our regional campuses.
  - Lima: 419.995.8264
  - Mansfield: 419.755.4317
  - Marion: 740.725.6334
  - Newark: 740.366.9333