

Professional Teacher Education – Science and Mathematics Program

Program Overview (2013-2014)

Summer Term		Fall Term		Winter Term	Spring Term
Aug 12 th –16 th	Aug 26 th – Sept 27 st	Sept 30 th – Nov 1 st	Nov 4 th – Dec 13 th	Jan 6 th – Mar 21 st	Mar 31 st – Jun 13 th
Summer	September Practicums	Part-Time Student Teaching Practicum		Preparation for Work Sample #2	Full-Time Student Teaching Practicum
A 1-week course designed to introduce the program, discuss Learning Theory, prepare for Instructional Rounds, and begin preparation for the Fall work sample.	<p>5 weeks, 4 hours/day, M-F at the part-time student teaching practicum site (September Experience). Attend a weekly seminar at OSU. <i>(Start date determined by practicum site)</i></p> <p>Last 4 weeks Instructional Rounds (4 hours/week in Master Teacher’s classroom, 3 hours/week debriefing Instructional Rounds at OSU.</p>	<p>Take classes at OSU; Plan Fall work sample; Initiate Masters Project; Spend 2 mornings per week at the school site; Meet with cooperating teacher and supervisor weekly to prepare for student teaching.</p>	<p>Part time student teaching (4 hours/day, M-F) in mornings at school site; Complete teaching portion of work sample for first authorization level; Take classes at OSU in the afternoon.</p>	<p>Take courses at OSU; Analyze student learning from Fall Work Sample to complete work sample documents; Spend 1 – 2 days each week at spring placement site (including all of Finals Week); Begin planning Spring Work Sample; Continue Developing Masters Project.</p>	<p>Full-time student teaching experience, plus a weekly seminar at OSU on Thursday evenings. Complete work sample for second authorization level and for primary endorsement area; if approved, may complete a second work sample for a second endorsement at the same authorization level; Complete Masters Project.</p>

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Program Course Summary (2013-2014)

Summer Term Coursework <i>(8 credits)</i>	Fall Term Coursework <i>(13 credits)</i>	Winter Term Coursework <i>(13 credits)</i>	Spring Term Coursework <i>(15 credits)</i>
September Practicum (2 cr) All: SED 509 <i>Section 1</i> (Aug 26 th – Sept 27 th)	Part Time Student Teaching Practicum (3 cr) All: SED 509	Winter Classroom Practicum (3 cr) All: SED 509 (in Spring Placement)	Professional Internship: Full Time Student Teaching (9 cr) All: SED 510
Methods I (3 cr) SED 552 (Math)/SED 553 (Science) (August 12-16)	Analysis of Classroom I (3 cr) All: SED 511	Analysis of Classrooms II (3 cr) All: SED 515	Analysis of Classrooms III (3 cr) All: SED 518
September Experience (3 cr) All: SED 509 <i>Section 2</i> (Aug 26 th – Sept 27 th)	Classroom Management (3 cr) All: TCE 520	Funds of Knowledge (3 cr) All: TCE 599	Professional Development & Practicum (3 cr) Math: SED 581/Science: SED 592
If Needed:* <ul style="list-style-type: none"> • Adolescent Psychology • Technology Foundations (SED 512) • Inquiry in Science (SED 513) • Inquiry in Mathematics (SED 514) • Graduate subject matter course • Proposed math course 8/19-23 	Pedagogy & Technology I (4 cr) Math: SED 574 Science: SED 573	Pedagogy & Technology II (4 cr) Math: SED 576 Science: SED 577	
Graduate subject matter course (if needed)*	Graduate subject matter course (if needed)*	Graduate subject matter course (if needed)*	

(58 total credits including graduate subject courses)

- *These courses must be taken as prerequisites either before starting the program or during the first part of summer session. Students are encouraged to complete some of the graduate subject matter courses prior to the program. Students who do not complete the 3 subject matter courses by the end of winter term will not be eligible for their M.S. spring term. All science students must take at least one History or Philosophy of Science course (HSTS or PHL) which can count towards this requirement.*