

Professional Teacher Education Licensure and Masters Program in Science and Mathematics Education
 Program Overview (2009-2010)

Summer Term (11 credits)		Fall Term (15 credits)		Winter Term (15 credits)	Spring Term (14 credits)
Jul 27 th – Aug 15 th	Aug 17 th – Sept 25 th	Sept 28 th – Oct 30 th	Nov 2 nd – Dec 11 th	Jan 4 th – Mar 19 th	Mar 29 th – Jun 11 th
Summer Practicum	September Experience	Part-Time Student Teaching Practicum		Preparation for Work Sample #2	Full-Time Student Teaching Practicum
A 3-week intensive course designed to introduce the program and begin preparation for the Fall work sample. Includes a practicum working with middle school students at OSU.	Full-time placement at the part-time student teaching practicum site as well as a weekly seminar at OSU. <i>(Start date determined by practicum site)</i>	Take classes at OSU; Plan Fall work sample; Initiate Masters Portfolio Content; Spend 2 mornings per week at the school site; Meet with cooperating teacher and supervisor weekly to prepare for student teaching.	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.	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 Portfolio Content.	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 Portfolio.

(55 Total Credits)

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 Program Course Summary (2009-2010)

Summer Term Coursework	Fall Term Coursework	Winter Term Coursework	Spring Term Coursework
Summer Practicum (2 cr) All: SED 509 Section 1 (Jul 27 th – Aug 15 th)	Part Time Student Teaching Practicum (2 cr) All: SED 509	Winter Classroom Practicum (2 cr) All: SED 509 (in Spring Placement)	Professional Internship: Full Time Student Teaching (8 cr) All: SED 510
Methods I (3 cr) SED 552/SED 553 Intro to Masters Portfolio	Analysis of Classroom I (3 cr) All: SED 511 Assessment & Work Sample	Analysis of Classrooms II (3 cr) All: SED 515 Assessment & Master Portfolio	Analysis of Classrooms III (3 cr) All: SED 518 Finish Masters Portfolio
September Experience (3 cr) All: SED 509 Section 2	Classroom Management (3 cr) All: TCE 520	Racial & Cultural Harmony in the K-12 Classroom (3 cr) All: TCE 522	Professional Development & Practicum (3 cr) Math: SED 581/Science: SED 592 Completion of Initial Licensure Notebook
If Needed:* <ul style="list-style-type: none"> • Adolescent Psychology • Technology Foundations (SED 512) • Science Materials/Labs (SED 513) • Math Materials/Labs (SED 514) • Graduate subject matter course 	Pedagogy I (3 cr) Math: SED 574 Science: SED 573	Pedagogy II & Technology (3+1 cr) Math: SED 576 Science: SED 577 All: SED 572	
	Technology & Pedagogy I (1 cr) All: SED 571		
	Graduate subject matter course (if needed)*	Graduate subject matter course (if needed)*	

* These courses must be taken as prerequisites either before starting the program or during the first part of summer session. Students are **strongly** 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.