

AMTMS – Accelerated Master in Teaching Math and Science

DIVISION OF EDUCATION | SEATTLE PACIFIC UNIVERSITY



NATIONALLY RANKED — Seattle Pacific continues to be recognized as a “Best National University” by *U.S. News & World Report*.

Critical Need for Math and Science Teachers

The growing demand for a skilled workforce in STEM-related fields (science, technology, engineering, mathematics) requires that we do a better job preparing quality STEM teachers and support them with significant professional development.

The AMTMS Degree

The Accelerated Master in Teaching Mathematics and Science (AMTMS) degree is designed for qualified candidates seeking to teach mathematics or one of the sciences at the middle, junior high, or senior high school level. As part of the program, students complete requirements for a Washington Residency Teaching Certificate with an appropriate mathematics and/or science endorsement(s). The program is 57 credits total.

Although similar to other SPU teacher certification/master's degree programs (e.g., AMAT, MAT), AMTMS differs in that several of the courses are tailored specifically to teaching styles appropriate for math and science, rather than a general curriculum applicable to any subject area endorsement. During Summer Session, students attend courses on the SPU campus or online. During the school year, they are assigned to a school classroom for full-time, year-long internships. Students also take core AMTMS classes at SPU one to two nights per week during the school year.

Online and Blended Cohorts

The AMTMS program offers two formats — blended and fully online. The blended cohort model has some classes in-person (one to two a week), on SPU's campus. The fully online cohort completes all required coursework online, though there are a few required synchronous classes each quarter. Both programs require full-year student teaching internships in a school near home.

Intensive Field-Based Learning in Schools

Designed as a cohort-driven, field-based degree, AMTMS takes 14 months to complete, running continuously from summer to summer (five quarters). Except for the summers, and one to two nights per week during the school year, almost all of the AMTMS coursework takes place in a school setting. Candidates spend most of their time (30+ hours per week) in the schools, working the same schedule as a teacher.

Program Benefits

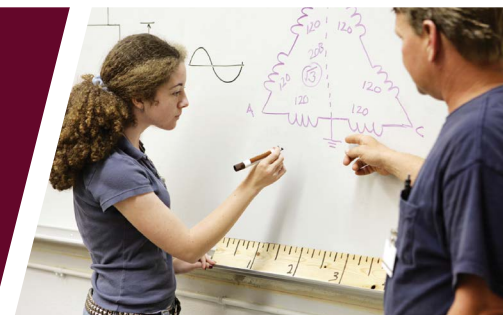
School districts with job openings are known to seek Seattle Pacific graduates for their competence and character. Completing SPU's AMTMS degree gives you a competitive edge in the marketplace. Other benefits of the program include:

- Earn a Washington Residency Teacher Certificate
- Engage in a full-time, year-long student teaching internship with diverse learners
- Take core courses specifically tailored to meet the needs of secondary math and science educators
- Explore tensions and possibilities for social justice teaching
- Learn from experienced mentor teachers and field supervisors
- Progress through the program with fellow students in a cohort
- Courses prepare teachers for the needs of Washington state classrooms, which are increasingly multilingual and inclusive of exceptional learners
- Complete a graduate degree for higher placement on the salary schedule



Strengthening STEM (science, technology, engineering, mathematics) education is vital to preparing our students to compete in the 21st century economy, and we need to recruit and train math and science teachers to support our nation's students."

Barack Obama, 44th U.S. President



PROGRAM CANDIDATES

Prior to enrollment in the AMTMS program, candidates must: 1) hold a bachelor's degree from a regionally accredited institution; 2) have completed academic coursework related to his/her endorsement area; 3) have successfully passed two competency tests required by the state of Washington: the WEST-B¹ and at least one WEST-E or NES exam (which demonstrates competency for endorsement in the candidate's desired teaching area or areas); 4) be available for the program's full-time internship experience, which spans the entire academic school year; and 5) meet the AMTMS's admission requirements, listed next.

Admission Information

To apply for admission into the AMTMS program, you must submit the following items and credentials:

- Graduate application form, available online at spu.edu/applynow
- Official college/university transcript(s)
- One- to two-page personal statement
- Professional résumé
- Two to four letters of recommendation
- Preferred WEST-B scores¹
- Passing WEST-E or NES score(s)
- Verify endorsement readiness
- Moral and Character Policy Form
- \$50 application fee

¹ Beginning in 2014, applicants may use SAT and ACT scores to meet part/all of the WEST-B requirements. Preferred WEST-B scores: 240 each sub-section

- Preferred SAT scores: Math 515, Reading 500, Writing 490 or Math 27.5, Reading 27, Writing 28 for tests starting 3/5/2016
If an applicant has basic skills scores lower than the preferred scores, they may submit a petition with their application.
- Preferred ACT scores: Math 22, Reading 22, Writing 8 or 23

APPLICATION DEADLINE: FEBRUARY 1

Early application deadline: November 15

QUESTIONS?



For complete information about the AMTMS program, scan the QR code. For a list of all certification programs, visit spu.edu/soe-masters.

If you have questions regarding the content or admission requirements for the AMTMS program, please contact Graduate Admissions at 206-281-2091 or toll free 800-601-0603, or via email at gradadmissions@spu.edu.

For general information about the teacher certification process in the state of Washington, visit ospi.k12.wa.us/certification

CURRICULAR FRAMEWORK

Our curriculum is anchored by the equity framework devised by contemporary educator Dr. Ghody Muhammad. Dr. Muhammad's model centers literacy as a broad understanding of knowledge and skills in all subjects and is built upon the forgotten but powerful Black literacy societies of the early 19th century. As Dr. Muhammad notes in her book *Cultivating Genius*, society members came together to read, write, think, and learn and became empowered to develop a more just and equitable world. The framework has five layers: identity, intellectualism, skills, criticality, and joy. Each of the courses in our curriculum will focus on one or more of these layers and integrate with other sociocultural, cognitive, theoretical, and practical frameworks that complement and build upon each other.

GRADUATE ADMISSIONS

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spu.edu/graduate