

# Graduate Certificate in K-6 STEAM (STEM + the Arts)

The K-6 STEAM (STEM + the Arts) graduate certificate focuses on curriculum development and lesson plan creation for face-to-face, virtual, and hybrid formal and informal contexts by integrating the visual and performing arts with science, technology, engineering, and mathematics (STEM). Certificate courses include ways licensed teachers as well as park/afterschool/community/camp program and homeschool instructors can guide K-6 learners within or beyond traditional school classrooms in becoming innovative, creative thinkers in traditional/formal and informal learning contexts. This certificate program does not lead to licensure.

This program has special admission requirements.

## Certificate Outcomes:

Upon successful completion of this certificate, the student will be able to:

- Apply STEM/STEAM theory, research, and evidence-based practices in K-6 school or community-based contexts.
- Analyze ways to use global and local resources and experts in STEAM areas to facilitate K-6 students' learning.
- Create interdisciplinary K-6 STEAM lesson plans for formal or informal instructional contexts.

## Programmatic Admission Requirements

This graduate certificate program does not lead to state certification or licensure, nor can it be used to maintain state licensure or certification. We strongly encourage you to explore your state-specific requirements (<https://www.apus.edu/about/state-authorization/index>) prior to applying here in order to make an informed decision. In addition, you may email our coordinator of certification and licensure at [certification@apus.edu](mailto:certification@apus.edu).

All master's degree and graduate certificate programs require a bachelor's degree (or higher) from an institution whose accreditation is recognized by the Council for Higher Education Accreditation (CHEA).

- Official bachelor's transcript showing conferral of degree with a minimum GPA of 2.5 on a 4.0 scale, or a master's transcript showing conferral of degree
- Graduate Writing Sample
- Signed statement of understanding (SOU)

Important notes:

- You are required to take EDUC671 as the first course in this certificate program, but other courses may be taken concurrently.
- It is recommended that you take EDUC549 as the last course in this certificate program, but other courses may be taken concurrently.

Please visit our AMU (<https://www.amu.apus.edu/admissions/graduate-requirements.html>) or APU (<https://www.apu.apus.edu/admissions/graduate-requirements.html>) graduate admission page for more information on institutional admission requirements.

## Need help?

If you have questions regarding a program's admission requirements, please contact an admissions representative at 877-755-2787 or [info@apus.edu](mailto:info@apus.edu).

## Certificate Requirements (15 semester hours)

Code	Title	Semester Hours
EDUC671	Integrated Elementary Mathematics and Sciences <sup>1</sup>	3
EDUC623	Online Learning and Student Achievement	3
EDUC652	Powerful Technology Applications for the Active Learning Environments	3
SPST501	Introduction to Space Studies	3
EDUC549	Elementary School Arts Across the Curriculum <sup>2</sup>	3
Total Semester Hours		15

<sup>1</sup> Required as the first course in this program.

<sup>2</sup> Recommended as the final course in this program.