STEM+C, Math, and Science Education

Washington University’s Institute for School Partnership, in coordination with the Department of Education, has established three 15-unit Advanced Certificate programs offered through University College.

The Advanced Certificate program in Science, Technology, Engineering, Math, and Computational Thinking (STEM+C) Education is run in coordination with the Departments of Biology and Mathematics and Statistics.

The Advanced Certificate program in Math Education is run in coordination with the Department of Mathematics and Statistics.

The Advanced Certificate program in Science Education is run in coordination with the Department of Biology.

These programs are directed toward in-service teachers of grades K-8. Candidates for these programs generally teach K-8 science or math but do not have college degrees in STEM fields. Admission to these programs is competitive and by application only.

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Requirements

Advanced Certificate in Science, Technology, Engineering, Math, and Computational Thinking (STEM+C) Education

Required: 15 units

Teachers receive 3 graduate credits in education for each relevant course completed. The credits may include undergraduate STEM+C courses offered through University College as well as selected STEM education courses. The program is designed so teachers will receive graduate credit for the additional undergraduate courses.

Advanced Certificate in Math Education

Required: 15 units

Teachers receive 3 graduate credits in education for each relevant course completed. The credits may include undergraduate math courses offered through University College as well as selected math education courses. The program is designed so teachers will receive graduate credit for the additional undergraduate courses.