

STEM Education

Graduate Certificate

The **STEM Education** certificate is designed for educators who are interested in the in-depth study of pedagogical and technological knowledge and skills that are useful in implementing an integrated approach to teaching STEM concepts in the classroom.

The program competencies adopted for the certificate program reflect the INTASC Standards and Next Generation Science Standards. To qualify for the Graduate Certificate in STEM Education, a candidate must successfully complete the 15 credits and petition for the certificate.

Note: Completion of this certificate does not qualify the recipient for a Delaware teaching license, endorsement or certification, since there is no applicable Delaware licensing category.

Course Requirements (15 credits)

Prerequisites may be required. Visit the program page for details.

- MED 6102** E-Folio (0 credits)
- MED 7712** Curriculum Development
- MED 7814** Problem-Based Learning
- MED 7815** Innovations in Teaching
- MED 7817** Professional Studies
- MED 7819** Design, Build and Test

Related Programs:

- M.Ed. in Applied Technology
- M.Ed. in Instruction: Teaching and Learning
- M.Ed. in Interdisciplinary Studies in Education

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