



Integrative STEM Education Graduate Certificate Program*

Admission Requirements

Bachelor's degree; Undergraduate Transcripts; Resume (sent to msanders@vt.edu)

Certificate Requirements

To be awarded the "Integrative STEM Education Graduate Certificate" students must successfully complete 12 semester hours of coursework offered by the Integrative STEM Education Program at Virginia Tech as follows:

Complete the following two Integrative STEM Education courses:

EDCI 5804: STEM Education Foundations (3 SH)

EDCI 5814: STEM Education Pedagogy (3 SH)

And two of the following 3-semester hour Integrative STEM Education courses:

EDCI 5824: STEM Education Trends and Issues (3 SH)

EDCI 5834: STEM Education Research (3 SH)

EDCI 5854: Biotechnology Literacy by Design (3 SH)

EDCI 5964: Field Study in [Integrative STEM] Education (3 SH)

Procedures for Completing the Integrative STEM Education Graduate Certificate

1. Point your browser to <http://www.grads.vt.edu/forms/> and select the Application – Certificate link to download the "Graduate Certificate Application" form. Fill in the information requested and list the courses you plan to complete from among those identified above.
2. Submit a signed version of that form to Dr. Mark Sanders (300 War Memorial Hall, Virginia Tech, Blacksburg, VA 24061); msanders@vt.edu for review and approval by an assigned advisor. If appropriate or necessary, your assigned advisor will assist you in revising the courses you have identified, after which you will resubmit it to him for review and approval.
3. When your Graduate Certificate Application has been approved, a copy will be provided to you and to the Graduate School.
4. After you have successfully completed the Integrative STEM Education courses identified in your Graduate Certificate Application, you must download (<http://www.grads.vt.edu/forms/>) and complete the "Application for Degree or Certificate" and submit this to the Graduate School.
5. Upon verifying that you have completed the courses identified in the Application, the Graduate School will award you the "Integrative STEM Education Graduate Certificate."

For More Information

Mark Sanders, *Integrative STEM Education*, 540-231-8173, msanders@vt.edu

*All coursework for this Graduate Certificate is available online.

Invent the Future