



Master of Education (MAEd) + Licensure¹ Integrative STEM Education

Admission Requirements

Bachelor's degree; 3.0 GPA (min.) in final 60 SH of bachelor's degree; Resume

MAEd Degree Requirements

Approved Plan of Study; 30+ Semester Hours (SH) of 5000 level courses (or higher) as shown below; Master's Portfolio; Master's Thesis/Project (Optional)

Integrative STEM Education Core Courses (9+ SH)

- EDCI 5774 (5804)^{2,3}: STEM Education Foundations (3 SH)
- EDCI 5774 (5814)^{1,2}: STEM Education Pedagogy (3 SH)
- EDCI 5774 (5824)^{1,2}: STEM Education Trends and Issues (3 SH)
- EDCI 5774 (5834)^{1,2}: STEM Education Research (3 SH)
- EDCI 5784 (5844)¹: STEM Education Seminar (1 SH)
- EDCI 5854: Biotechnology Literacy by Design (3 SH)
- EDCI 5774: Readings in STEM Education (1 SH)
- EDCI 5964: Field Study–Integrative STEM Education (3 SH)

Professional Education Courses⁴ (29 SH)

- Human Growth and Development (3 SH)
- Curriculum & Instruction (3 SH)
- Classroom & Behavior Management (3 SH)
- Foundations of Education (3 SH) e
- Content Area Reading (3 SH)
- Early Field Experience (2 SH) and Student Teaching (12 SH)

Technology Education Content Courses⁴ (12+ SH)

Including at least 3 SH in each of the following areas: technology and culture, technological foundations, technological processes, and technological systems.

For More Information

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¹ Available only to those with a bachelor's in Engineering, Industrial Technology, Architecture, Design, or Physics.

² Beginning Spring 2009, these course #s are changing to the # shown in the ().

³ Required course.

⁴ Required for Technology Education teaching licensure, not for the MAED degree (but some may count both ways).