



Education Specialist (EdS) Integrative STEM Education

Admission Requirements

Master's degree (3.3 min. graduate GPA); Faculty interview (face-to-face or Internet audio);
2 Writing samples; 3 letters of recommendation; Resume

EdS Degree Requirements

Approved Plan of Study; 30+ semester hours (SH) beyond master's; Field study; EdS Project;
Final examination

Integrative STEM Education Core Courses (15+ SH)

- EDCI 5774 (5804)^{1,2}: 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 5964/7964²: Field Study–Integrative STEM Education (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)

Research & Evaluation (6+ SH)

- EDRE 5404: Foundations of Educational Research and Evaluation
- EDCI 5834: STEM Education Research

Educational Foundations (6+ SH, including EDCI 5804 above)

- Educational Foundations Elective (3 SH)

Cognate (3+ SH)

Courses outside the SOE, including STS; STEM content area courses; Architecture; etc.

For more information

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¹ Beginning Spring 2009, these course #s are changing to the # shown in the ().

² Required course.