

CONTEXTUAL INFORMATION

Mission:

To utilize contemporary research on teaching and learning to develop highly qualified teachers of science and mathematics with the knowledge, skills and dispositions necessary to help all students learn.

Teacher Preparation Programs:

Middle and Secondary level Mathematics
Middle and Secondary Science (biology, chemistry, physics)

Student Characteristics:

Undergraduate and Graduate students with (or pursuing) a BS in science, mathematics or closely related field.

Admissions Requirements:

Admission to Teacher Education Program: Must possess or be working toward a BS degree in science, mathematics, or closely related field.
A GPA of 3.0 or higher in subject matter area.
Passing score on ISBE Basic Skills test.
Successful completion of the first two introductory teacher preparation courses
Admission to Student Teaching: Successful completion of all the teacher preparation courses.
Passing score on the ISBE Content Test
Faculty endorsement for student teaching

Accreditation:

Middle and Secondary Mathematics - (ISBE)
Middle and Secondary Science (biology, chemistry, physics) - (ISBE)

Teacher Education Vision:

Educating future teachers in a program with a conceptual framework of Pedagogical Content Knowledge. Developing future leaders and innovators in mathematics and science teaching and learning who possess in depth backgrounds to successfully teach all students.

Best Practices:

Research – based courses (literature on teaching and learning)
Authentic and performance – based assessments
Standards – based instruction
Technology integration
Attention to diverse students and their needs

Notable Features and Accomplishments:

Informal education practicum
Field based courses throughout the program
Portfolio assessment
Reflective assignments in all domains of the conceptual framework
All faculty have previous experience as classroom teachers
100% placement of our graduates
Consistent and individualized supervision during student teaching

Program Information for Illinois Institute of Technology 2007-2008	
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S.1 Total number of students admitted into teacher preparation, all specializations, in academic year 2007-2008	
S.2 Number of candidates in supervised student teaching in academic year 2007-2008	2
S.3 Number of faculty members who supervised student teachers:	
➤ S.3A Full-time faculty in professional education	0
➤ S.3B Part-time faculty in professional education but full-time in the institution	0
➤ S.3C Part-time faculty in professional education, not otherwise employed by the institution	1
S.4 Total faculty student teaching supervisors	1
S.5 Student teacher/faculty ratio (Divide total given in S.2 by the number given in S.4)	2
S.6A The average number of student teaching hours per week	35
S.6B The total number of weeks of supervised student teaching required	15
S.7 Average total number of hours required	525