**Exploratory Course**
*UTCH.1030*  
Introduction to STEM Teaching

**STEM TEACHING MINOR**

**Core Education Courses**

**UTCH.2010**  
Knowing and Learning in Math & Science (SS)

**UTCH.4410**
Teaching Emergent Bilingual Students

**UTCH.2020**
Classroom Interactions & Equity

**UTCH.3020**
Research Methods in STEM

**UTCH.3010**
Project-Based Instruction

**Specialized Content Courses**

**UTCH.2040**
Perspectives on Math & Science (AH)

**UTCH.3020**
Research Methods in STEM

**INITIAL TEACHER LICENSURE REQUIREMENTS**

**Exploratory Course & General Education Courses**
*The exploratory course is a free elective and a prerequisite to the minor. **These Gen Ed courses must be completed before declaring the minor.

**Core Education Course Sequence**
These core courses must be taken in this specified order.

**Specialized Content Courses**
Courses MAY be taken any time before UTCH.2020 Classroom Interactions & Equity.

**Additional Math Courses**
These courses are required only of Math and Computer Science majors who are preparing for the math teaching practicum and licensure.

**Massachusetts Tests for Educator Licensure (MTELs)**
Required for Teaching Practicum. Tests should be taken by the spring of junior year.