Endorsement in Life Science/Biology: Undergraduate Knowledge Base

Outcome 1: Inquiry and Reflect

Teacher candidates inquire and reflect to facilitate learning and foster development of all learners.

1.1 Inquiry

Teacher candidates are motivated to learn and to provide opportunities for others to learn and reflect on their own learning.

1.2 Reflect

Candidates reflect on educational practices, analyze and evaluate the possible physical, social, emotional and intellectual effects on others and their self as a result of their choices.

Outcome 2: Learning and Growth in a Caring Community

Teacher candidates plan, facilitate and evaluate using learning activities that facilitate learning and growth in a caring community.

2.1 Plan

Candidates plan how to deliver instruction and assess the impact of instruction on the learning and growth of all students.

2.2 Facilitate learning

Candidates assist learners in their, proactive, self-directed, and authentic goals to achieve learning goals for all students.

2.3 Evaluate learning

Candidates assess and provide feedback to learners on their learning and support learners as they achieve learning goals.

Outcome 3: Knowledge, Skills and Dispositions

First, teacher candidates demonstrate an integration of knowledge, discipline, inquiry, skills, and dispositions in the subject they teach.

3.1 Knowledge

Candidates are knowledgeable of the content and methods appropriate for the students they teach. They can make sense of the central concepts, assumptions, and knowledge that are included in the content and how they are interconnected. They can use the central, powerful, and unifying concepts within the structures of content to make connections among ideas, form a coherent and comprehensive understanding, and apply this understanding to new situations.

3.2 Skill

Candidates demonstrate the skills and dispositions that are required in their subjects.

Outcome 4: Communication Skills

Candidates communicate effectively, create a positive and inclusive classroom environment, and value and utilize diverse perspectives and interacting with colleagues.

4.1 Communication

Candidates use a variety of skills, strategies, and technologies to communicate effectively in all contexts, including those that require multilingual communication.

Outcome 5: Professionalism

Teacher candidates possess the ability, skill and desire to communicate with understanding.

5.1 Professionalism

Candidates demonstrate the values, demeanor, and effective demonstration of a professional educator.

---

Subject Knowledge (MAE 477)

Todd K (based on Kansas Curriculum Standards)

RBI

Anthropology 3

Biology 4

Chemistry 4

Economics 3

English Language Arts 3

Health 3

History 3

Mathematics 3

Music 2

Physics 3

Politics 3

Social Studies 3

Spanish 2

Science

General Education Courses (3)

Graduate education courses (18)

Graduate requirement

Graduate requirement