Department: Teacher Education

Program Name: General Science

Program Level: Undergraduate

College: Education and Professional Studies

Program: Minor

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Title: Professor

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Program Outcomes

Outcome 1: Candidates will understand that there are unifying themes: systems, order, organization, and interactions; evidence, models, and explanations; constancy, change, and measurement; evolution, equilibrium, and energy; form and function among scientific disciplines.

Outcome 2: Candidates will understand that science is ongoing and inventive, and that scientific understandings have changed over time as new evidence is found.

Outcome 3: Candidates will investigate questions using scientific methods and tools, revise their personal understanding to accommodate knowledge, and communicate these understandings to others.

Outcome 4: Candidates will demonstrate an understanding of the physical and chemical properties of matter, the forms and properties of energy, and the ways in which matter and energy interact.

Outcome 5: Candidates will demonstrate an understanding of the structure and systems of earth and other bodies in the universe and of their interactions.

Outcome 6: Candidates will demonstrate an understanding of the characteristics and structures of living things, the processes of life, and how living things interact with one another and their environment.
Outcome 7: Candidates will demonstrate an understanding of the relationship between science and technology and the ways in which that relationship influences human activities.

Outcome 8: Candidates will use scientific information and skills to make decisions about themselves, and the world in which they live.