



SCHOOL OF
**TEACHING, LEARNING
AND EDUCATIONAL SCIENCES**

PhD Science Education

Personal and Career Goal Statement

- Explain your views regarding the match you see between research being conducted by the science education faculty and your desire to advance your education and experience to meet your professional research goals. Please refer information posted on the [Science and Mathematics Education](#) website about faculty to identify at least one faculty member from an area of specialization whose interests match your own. Discuss the match that you see between that person's qualifications and your professional research goals. Note: Having an exact match with a faculty member is not a prerequisite for admissions as there are several other factors that can contribute to a student's success in the program. (1000 word limit)

Analytical Writing Prompt

- A Doctor of Philosophy (PhD) is a research degree where the goal is contributing to the body of knowledge through research. To assess your application, write a response to the following prompt:

Research continues to offer insight into learning and teaching science. What is a key area of research that has informed your teaching and/or interests toward research in science education? Your response must be grounded in relevant literature from the field of science education. Your response should use APA format, be no more than 1500 words (excluding references).

Possible Science Education Journals

- Science Education
- Journal for Research in Science Teaching
- Journal of Engineering Education
- Journal of Research in Science Education
- Research in Science Education
- School Science Review
- Science Educator
- School Science and Mathematics
- Science & Education
- International Journal of Science Education
- Journal of Science Teacher Education

Note: This list of journals is not exhaustive.