

EXPLORATORY STUDIES (EXPS)

Course Descriptions

EXPS 500 STEM2 Teaching and Learning 3 Credit Hours

The content of this course and the pedagogy employed will provide students with experiences in topics related to the integration of science, technology, engineering, health and mathematics (STEM2). Students will experience examples of STEM activities and will explore how STEM2 disciplines impact society. (OC).

Restriction(s):

Can enroll if Class is Graduate

EXPS 507 Inquiry-based Math and Science 3 Credit Hours

This inquiry-based laboratory course intends to support the learning of early childhood educators (birth to grade 2) in foundations of science and mathematics. The course integrates concepts and processes that arise in both disciplines, such as classification; units and measurements; shapes and structures and their properties; patterns; problem solving; representation; cause and effect; use of evidence (three credits).

Students cannot receive credit for both EXPS 407 and 507.

Students seeking graduate credit should elect EXPS 507. (YR).

Restriction(s):

Can enroll if Class is Graduate

Can enroll if Level is Graduate

Can enroll if Degree is Master of Arts

Can enroll if College is Education, Health, and Human Services

Can enroll if Major is Early Childhood, Education

EXPS 598 Exploring Writing/Chld&Yng Ad 3 Credit Hours

This course provides a theoretical foundation for writing engagement and instruction of children in grades K–6. Emphasis is placed on modeling, instructional strategies, and assessment for supporting student writers that teachers can use to facilitate students' development of written language across various genres, contexts, and purposes. Course content also supports students in developing their own teacher-writer voices and ability to lead professional development for in-service teachers. (AY).

Restriction(s):

Can enroll if Class is Post-baccalaureate Cert only or Post-baccalaureate NCFD or Graduate

EXPS 620 Action Research 3 Credit Hours

Students will learn about action research as a means to become a reflective practitioner to make improvements in an educational setting. Students will identify a research question related to his/her own professional practice, review relevant literature, collect and analyze data, develop and implement an action plan, and complete a scholarly report.

Prerequisite(s): EDK 500 or EDK 700

Restriction(s):

Can enroll if Class is Graduate

EXPS 820 Action Research 3 Credit Hours

Students will learn about action research as a means to become a reflective practitioner to make improvements in an educational setting. Students will identify a research question related to his/her own professional practice, review relevant literature, collect and analyze data, develop and implement an action plan, and complete a scholarly report.

Prerequisite(s): EDK 500 or EDK 700

Restriction(s):

Can enroll if Class is Graduate

*An asterisk denotes that a course may be taken concurrently.

Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally