

# EDUCATION PH.D. COURSES (EDUC)

## EDUC 7040 Current Issues in Mathematics Education 6 cr

An investigation of topics of current theoretical and practical significance in mathematics education. Students will be required to complete a series of explorations, typically involving observation or experimentation in the field, which will be the focus of discussion.

## EDUC 7050 Doctoral Study in Education 3 cr

Directed study of contemporary research and theory in selected areas within the field of education. The content of this course will vary from year to year and will depend upon students' research interests.

## EDUC 7060 Advanced Seminar in Educational Administration 1 3 cr

A study of alternative conceptions of educational administration, from its origins as a field to the present. Attention will be given both to historical and contemporary theories of administration. Limited to Ph.D. students and compulsory for Ph.D. students with a focus in educational administration.

## EDUC 7070 Advanced Seminar in Educational Administration 2 3 cr

A consideration of some of the central problems of contemporary social theory and their relationship to the study and practice of educational administration. The course is limited to Ph.D. students and is compulsory for Ph.D. students with a focus in educational administration.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Pre- or co-requisite: EDUC 7060 (C+).

## EDUC 7080 Language and Rhetoric Education 3 cr

Current theories of language with a particular emphasis on concepts of education as discourse and instruction as a rhetorical activity.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: admission into the Ph.D. program in Language and Literacy Education.

## EDUC 7090 Language Arts Curriculum 3 cr

How current research, scholarship and theorizing in the areas of language, literature and curriculum studies can assist in developing fresh approaches to reconceiving the nature and purpose of the language arts curriculum as a linguistic, political and cultural enterprise.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: admission into the Ph.D. program in Language and Literacy Education.

## EDUC 7100 Reading Education 3 cr

Current trends, curricular issues and new concerns in reading education including the continuing tension between traditional and progressive ideologies. Identifies, from an historical perspective, what has changed, what has not and why; reflects on what is known and what to study; and sets a research agenda for the study of literacy.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: admission into the Ph.D. program in Language and Literacy Education.

## EDUC 7110 Doctoral Seminar in Science Education 3 cr

An exploration of current research, scholarship and thinking in science education as exemplified by key themes and current issues related to science and science education.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: admission into the Ph.D. program in Science Education.

## EDUC 7120 Current Issues in Science Education 3 cr

An examination of current issues in science education by way of selected topics tailored to individual students' programs and interests.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: admission into the Ph.D. program in Science Education.

## EDUC 7500 Advanced Research Methodology 3 cr

A broad reading of the theory and practice of education research inquiry; engaging with past traditions, the current state, and future directions of education research. This course is evaluated on a pass/fail basis.

## EDUC 7510 Contemporary Theory and Philosophy in Education 3 cr

An exploration of contemporary theory and philosophy within the field of education more broadly as well as in relation to substantive areas within education which are of interest to each student. This course is evaluated on a pass/fail basis.

## EDUC 7520 Applying Contemporary Theory and Philosophy in Education 3 cr

Application of contemporary theory and philosophy to each student's area(s) of study within the field of education. This course is evaluated on a pass/fail basis.