
JOHN PERCY, University of Toronto at Mississauga, 3359 Mississauga Road, Mississauga, ON, L5L 1C6, Canada
Undergraduate Science/Math Education Programs at the University of Toronto at Mississauga

During the last decade, I have built up a set of courses and programs in science (including math) education for undergraduates at the University of Toronto at Mississauga. SCI398Y is a core course in science education, designed to introduce education as a discipline, a possible career, and as a part of the subject in which the student is majoring. SCI499H is a fourth-year science education project course in which students create reports, resources, and events which benefit UTM and its community. SCI498H (Teaching Opportunity Program in the Sciences) enables students to facilitate student learning at the introductory post-secondary level, under the supervision and mentorship of a faculty member—not as “the sage on the stage” but as “the guide on the side”. These courses can be taken as part of a Science Education minor program which students can combine with their other programs. The Early Teacher Program guarantees students admission to the BEd program (Science or Math) at OISE/UT if they meet five stringent requirements. In 2007, we will inaugurate a Concurrent BSc/BEd Teacher Education Program in science and math at UTM, in partnership with OISE/UT. Many of the students in these courses and programs also participate in science outreach programs for schools and the public. In this paper, I will reflect on the past, present, and future of these courses and programs, with some emphasis on students in the mathematical sciences.