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Lawrence S. Moss* (lmoss@indiana.edu), Math/ Rawles Hall 323, 831 E. Third St,
Bloomington, IN 47405. *Applied Logic Courses in the Mathematics Curriculum.*

By 'applied logic' I mean the parts of logic that are inspired by, or developed in connection with, some subject which is outside of mathematics. The most application area is computer science, but there are other important ones including linguistics and areas in the social sciences. The topic is mathematics and logic, but it is not really mathematical logic in the usual sense.

I have been developing courses that could be called applied logic for some time. My talk will share my experiences with some of them, and also mention possible courses that others might like to try.

The overall point is that courses in applied logic could serve as highly stimulating mathematics courses, both for majors and non-majors. (Received September 14, 2010)