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Mathematical Logic in the Undergraduate Curriculum.

Experts in mathematical logic can be found in three different academic departments: mathematics, philosophy, and computer science. Some knowledge of technical logic is important for majors in each of these subjects. This creates problems and opportunities. Which topics are important for majors in these different subjects? Can courses be devised to serve the needs of all three? These questions will be addressed in this talk. (Received August 30, 2004)