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John D. Boller* (bollermath@math.uchicago.edu), University of Chicago, Mathematics Department, 5734 S. University Ave., Chicago, IL 60637. *Upper-level undergraduate IBL mathematics classes at the University of Chicago.*

With three years of IBL offerings for first-year undergraduates under its belt, the University of Chicago Mathematics Department began offering upper-level IBL courses in the autumn of 2007. These courses comprised a year-long sequence in Analysis in \mathbb{R}^n and have since been expanded to include a course in Basic Number Theory, a course in Basic Geometry, and a course in Topics in Algebra. The speaker will discuss the nature of these courses, including the recruitment of students, the development of course materials, faculty staffing requirements, and the evidence of success. (Received September 10, 2008)