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An Interdisciplinary Course Linking Mathematics, Philosophy, and Literature in the Works of Jorge Luis Borges.

Jorge Luis Borges is the author who has had the most significant influence on Latin American literature in the last thirty years. He has also inspired many recent developments in North American writing. His dense but extremely rewarding works give off sparks in many directions, including mathematics and philosophy. In the Fall of 2000, Kennesaw State University offered an interdisciplinary course centered around the works of Borges. The course was designed to study the interplay of literature, mathematics, and philosophy in Borges' writings. Three instructors led the course, one with expertise in Spanish literature and in Borges' writings in particular, another in Mathematics, and a third in Philosophy. In this paper, we will share the course syllabus and assessment plan, as well as a discussion of key topics presented in each discipline - mathematics, literature, and philosophy. Students' impressions of the course and examples of their work will also be presented. (Received September 14, 2000)