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In its new general education curriculum, Roanoke College replaced the traditional optional “Introductory Statistics” course with a required core curriculum course called “Statistical Reasoning.” These courses combine the traditional topics associated with an introductory course with overarching natural questions about a central theme that students explore throughout the semester. Rather than introduce statistical topics and use those to motivate examples, we introduce a question regarding the central theme and develop the statistical theory and methods to answer those questions. Example courses developed have included Statistics and the Weather, the Statistics of Sports, Statistics and Botany, and Here’s to Your Health. We will talk about some of these courses, the positive benefits of this course design, and comparisons between our old model and new model for introductory statistics courses. (Received September 14, 2011)