It is a very novel and well received course, which discusses many of the problems associated with our medical and health care systems in relation to chemistry and ethics. It is for both juniors and seniors and graduate students. There are no prerequisites, though you do need some background in chemistry and biology.

**GENERAL COMMENTS/OBJECTIVES and OUTCOMES of the course**

Since the dawn of human existence and the emergence of intellectual discourse and culture, the origins and mystery of human behavior have challenged humans. Efforts to control human behavior seem to be universal, and have involved defining and enforcing norms of behavior that can be tribal, social, legal, political, religious and/or philosophical in their origins and implications. Though “chemicals” have been used to modify human behavior since time immemorial, efforts to utilize science to do so are of a more recent origin. What are the implications of using science to modify human behavior, for society, for medicine? How does this science intersect with previous efforts to modify or control human beings? If we are to “improve” humans, what does improve mean? If we are to change human behavior, who is to decide? We will attempt to address these and other issues. It is expected that you will become familiar with these and other questions from scientific, ethical, cultural and other perspectives and will be prepared to discuss them.