



**SPRING 2009 COURSE**

**CSCI 780 (381.3) INTRODUCTION TO BIOINFORMATICS**

Code:3029; Section:E6MBA; Room: SB-A227

(Mon, Wed) 6:30–7:45 pm; 3 Credits

Instructor: [Prof. Boojala VIJAY B. Reddy](http://velgonda.cs.qc.edu) (<http://velgonda.cs.qc.edu>)

This course introduces non-biology, Computer Science students to the challenging and exciting area of Bioinformatics through four major angles: (i) the basic biology, (ii) technologies that lead to experimental data growth in biology, (iii) biological databases and (iv) computational algorithms and tools where Computer Science, Math, Statistics, Physics and Chemistry laws are used. The individual topics in the course are structured in such a way that a student with science background will get introduced to the subject. The course will further help them to choose their area of specialization within the vast area of Bioinformatics.

