

1125-J5-671 **Vlajko L Kocic*** (vkocic@xula.edu), Mathematics Department, Xavier University of Louisiana, 1 Drexel Dr., New Orleans, LA 70125. *Course "Mathematical Modeling in Life Sciences" at Xavier University of Louisiana.* Preliminary report.

The course "Mathematical Modeling in Life Sciences" was introduced few years ago at Xavier University of Louisiana. It is 2000-level course intended for mathematics and science majors interested in applied mathematics. The only prerequisite for the course is completion of Calculus I which present major challenge. In this talk we discuss several challenges and ways to overcome them such as limited mathematical background, diverse student population, interdisciplinary aspect of the course, selection of topics. (Received September 09, 2016)