MAJOR IN BIOCHEMISTRY, DATA SCIENCE CONCENTRATION

The Data Science concentration in Biochemistry builds on the general biochemistry core set of courses (24 credits of primarily upper division courses) and includes 21 data science specific course credits. This option gives the student 3 "free elective" credits, which they can use to complete either data science elective, bioscience elective, or second semester physics courses. This concentration is designed to provide a solid background in biochemistry, molecular genetics and cell biology, augmented with computer science, mathematics and statistics. The data science concentration is recommended for students interested in a career in life science data analysis. Students who graduate with this concentration obtain the skills necessary for organizing, analyzing and communicating the meaning of massive data sets.