

## Plan of Study for Bioengineering Concentration<sup>1</sup>

### Core Courses:

Course Name	Credits	Prerequisites
CHY 122 The Molecular Basis of Chemical Change	3	CHY 121/123, Coreq. CHY 124
CHY 123 Introduction to Chemistry Laboratory	1	Coreq. CHY 122
BLE 201 Fundamentals of Bioengineering	4	CHY 121/122, MAT 126/12
BLE 202 Fundamentals of Bioengineering	4	BLE 201
<b>Total Engineering Credits:</b>	<b>8</b>	

In addition to the core courses, the student must take the following 14 credits of courses plus take at least 2 credits from another engineering discipline area (or substitute up to 4 credits from another engineering discipline area for one of the courses below):

BLE 401 - Applications of Bioengineering	4	BLE 201/202
BLE 403 - Instrumentation in Bioengineering	4	BLE 201/202
CHB 350 - Statistical Process Control and Analysis	3	MAT 127
CHB 361 - Chemical Engin. & Bioengin. Lab I	3	BLE 201/202

---

<sup>1</sup> This program has very limited flexibility in course selection because of the additional chemistry and biology courses.