

Pre-requisites:

The Bioengineering Department requires evidence of formal technical training or plans to obtain such before matriculation. Full course descriptions may be found at the Bulletin's Explore Courses website:

<http://explorecourses.stanford.edu/CourseSearch/> We accept students from many different majors as we look more at what classes students have taken. Students interested in the PhD degree will be expected to have covered the engineering fundamentals prior to admission to our program. We recommend students having a strong background in mathematics through multivariable calculus and differential equations, series of Biology, Physics, Chemistry, and Engineering courses.

COURSE NUMBER & COURSE TITLE	INSTITUTION	UNITS	DATE COMPLETED
1. Mathematics through Multivariable Calculus (e.g. Math 41, 42, 51-53).			
2. Series of Undergraduate Biology courses (e.g. Bio 41, 42).			
3. Physics (e.g. Physics 41, 43).			
4. Series of Chemistry courses (e.g. Chem. 31, 33).			
5. Computer Programming (e.g. Engineering 70A, CS 106).			
6. Physical Sciences and Engineering (e.g. 14, 15, 30, 40, 50).			

Stanford Courses are listed below:

Math [41](#), [42](#), [51](#), [52](#), [53](#) Biology [41](#), [42](#)

Physics [41](#), [43](#)

Chemistry [31](#), [33](#)

Computer Science [106A](#) Engineering [14](#), [15](#), [30](#), [40](#), [50](#)