

**Plan of Study for the Biomedical Sciences & Engineering Track**  
of the Engineering Sciences AB Concentration  
Effective for Students Declaring the Concentration after July 1, 2017

NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

EMAIL: \_\_\_\_\_

DATE: \_\_\_\_\_

This Plan of Study Form is for a (*Circle One*):      DECLARATION                      REVISION

<b>REQUIRED COURSES</b> (Circle or fill-in for courses planned in each category.)	<b>Semester</b> (FA/SP Year)
<b>Mathematics</b> (2-4 courses)  <i>Begin according to placement:</i> Math 1a – Introduction to Calculus I Math 1b – Calculus, Series, and Differential Equations Applied Mathematics 21a – Mathematical Methods in the Sciences I (or Mathematics 21a or 23a) Applied Mathematics 21b – Mathematical Methods in the Sciences II (or Mathematics 21b or 23b)	  _____  _____  _____  _____
<b>Physics</b> (2 courses)  AP 50a – Physics as a Foundation for Sci. & Eng. Part I (or PS 12a or Physics 15a or 16) AP 50b – Physics as a Foundation for Sci. & Eng. Part II (or PS 12b or Physics 15b)	  _____  _____
<b>Chemistry/Life Sciences</b> (1 course)  Life Sciences 1a – An Integrated Introduction to the Life Sciences (or Life & Physical Sciences A – Foundational Chemistry and Biology)	  _____
<b>Computer Science</b> (1 course)  CS 50 – Introduction to Computer Science I (or CS 51 – Introduction to Computer Science II or CS 61 – Systems Programming & Machine Organization)	  _____
<b>Sophomore Forum</b>  <i>Required, non-credit.</i>	  _____
<b>Bioengineering Core: Physiology &amp; Modeling</b> (2 courses)  ES 53 – Quantitative Physiology as a Basis for Bioengineering BE 110 – Physiological Systems Analysis	  _____  _____

