Transfer Pathways Cover Sheet
(How to use the STEM Transfer Pathways)

With the collaboration of STEM (Science, Technology, Engineering, Mathematics) department chairs/instructors and counselors, we have designed Transfer Pathways (TPs) to the University of California at Berkeley (UCB) & San Francisco State University (SFSU) for various STEM majors. These TPs are meant to be a general guide & it is important to discuss your specific transfer plans with department faculty/advisors and counselors. In addition, please review the following as they provide additional guidelines about these TPs:

• These TPs are a general guide in creating your Educational Plan (EP). They include only math, science and major-related courses. You will need to add other courses to the TPs. Most students will follow either the California State University General Education (CSU GE) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

• The classes listed on the TPs are obtained from www.ASSIST.org. This website contains important transfer information which you should review for any changes from year to year. Note: some classes on ASSIST.org can be completed after transfer; consult with your counselor about such details.

• There are 2 levels of Pathways – The “Basic” level is for students who need additional preparation before taking the core math & science courses (e.g.; Calculus 1, Chemistry 1, Physics 1, etc.). If you place below MATH 860, we recommend that you focus on building your math skills and take General Education and/or introductory science courses. The “Advanced” level is designed for students who are ready to enter the core math & science courses. Meet with a counselor to create your Educational Plan.

• On the TPs, usually 1 math & 1 science course are listed for each semester for most STEM majors because they often require more study time & lab hours. Summer classes may help you to transfer sooner. For students in the “Basic” level, it will take longer to transfer. However, we encourage you to focus on building a stronger foundation & possibly a better GPA by not taking too many STEM classes together. If you believe you can handle 3 or more STEM classes per semester, discuss how intense that would be with your department faculty/advisor & counselor.

• Geometry (Math 850 or 855) Information:
  ➢ If placed into Math 840 (Elementary Algebra) or below, Geometry is required (855 is strongly recommended).
  ➢ Math 855 is strongly recommended for all students who are not confident of their geometry skills, even if they placed into Math 860 (Intermediate Algebra) or higher.
  ➢ Students unsure of their geometry skills should speak with a math advisor.

• Advanced Placement (AP) Exams: If you have scores of 3 or better in AP exams in high school, please talk with the major department, counselor and each transfer school you are considering. Units given and course(s) awarded for AP Exams vary among different colleges & universities. Additional guidelines for CCSF are listed below:
  ➢ AP Chemistry: if you wish to bypass CHEM 40, you must take the Chemistry Placement test unless you have a score of 3 or higher on the AP test or have taken the equivalent of CHEM 101A at a different college. College courses equivalent to CHEM 40 and high school courses (including AP courses) are not accepted.