Chemical Physics Major Concentration Checklist
(For the students who matriculated at Tufts University in 2011 or later)
(To be submitted with University Degree Sheet)
Revised January 2014

Student Name: ___________________________ I.D.# ________________________

Other Majors: ___________________________________________________________
(Note: Submit a checklist with your degree sheet for each major)

Foundation: Chemistry 1, 11, or 16; Chemistry 2 or 12; Physics 1 or 11; Physics 2 or 12. Concentration: Ten credits of more advanced, one credit courses - four credits in Chemistry (with a prerequisite of Chem 2 or 12), four credits in Physics (with a prerequisite of Phys 2 or 12), and two credits in mathematics (Math 70 or courses with a prerequisite of Math 42, 44, or 70). The courses must include the following: Physics 13; one credit in advanced laboratory training, either Physics 64 (counts as one advanced physics course) or both Chemistry 33 and 34 (counts as one advanced chemistry course); either Chemistry 31 or Physics 52; either Chemistry 32 or Physics 61; and either Chemistry 51 or Chemistry 61.

Faculty advisors in the chemistry and physics departments are available for consultation about the chemical physics program.

On lines below, write the semester each course was completed, or indicate that a course is in progress or to be taken. For elective courses, list them by number. Note: If substitutions are made for courses listed as “to be taken”, it is the student’s responsibility to make sure the substitutions are acceptable. For transfer courses, list by title and add “T”.

Concentration Requirements

A. Introductory Chemistry
   1. CHEM 1 (or 11 or 16) ____________________  2. CHEM 2 (or 12) ____________________

B. Intermediate/Advanced Chemistry
   1. CHEM 51 or 61 __________________________  2. CHEM __________________________
      3. CHEM __________________________    4. CHEM __________________________

C. Introductory Physics
   1. PHYS 1 (or 11) __________________________  2. PHYS 2 (or 12) ____________________

D. Intermediate/Advanced Physics
   1. PHYS 13 ______________________________  2. PHYS __________________________
      3. PHYS ______________________________  4. PHYS __________________________

E. Intermediate/Advanced Mathematics (Math 70 or courses with a prerequisite of Math 42, 44, or 70)
   1. MATH ______________________________  2. MATH __________________________

Research  Have you done any chemistry or physics research as an undergraduate?  __ yes  __ no

Where and with whom _______________________________________________________

When _______________________________________________________________________

Title of the project ___________________________________________________________

________________________________________  __________________________________
Advisor’s Signature             Date     Dept. Chair Signature                     Date