Chemistry Major Concentration Checklist
To be submitted to Student Services with the unsigned Advisement Report available on SIS
Revised March 2020

Student Name: ___________________________ I.D.# __________________________
Graduation Term: ______________________ Other Majors: ______________________
(Note: Submit a checklist for each major)

Foundation: Chemistry 1, 11, or 16; and Chemistry 2 or 12. Core courses: Chemistry 31, 33, 42 or 43, 51, 52, 53, 54; four additional courses in intermediate or advanced chemistry, excluding Chemistry 34. Two of the four additional chemistry courses may be substituted with intermediate or advanced courses in related fields (for details, please visit the department’s Web site at http://chem.tufts.edu). Only one course of undergraduate research, either Chemistry 82 (Research II) or the second semester of Honors Thesis (Chem 199) may be counted toward the four additional courses in intermediate or advanced chemistry. Also required are Mathematics 32 and 34 and Physics 1 (or 11) and 2 (or 12).

On the lines below, write the semester each course was completed and the grade received, or indicate that a course is in progress or to be taken. For advanced placement or transfer courses, list by title and add “AP” or “T”. 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.

Concentration Requirements

A. Foundation and Core Chemistry Courses
1. CHEM 1 (or 11 or 16)___________________  2. CHEM 2 (or 12)_________________________
3. CHEM 31/33__________________________  4. CHEM 42 (or 43)________________________
5. CHEM 51/53__________________________  6. CHEM 52/54____________________________

B. Elective Intermediate or Advanced Chemistry (and Related Field Courses)
1. CHEM_______________________________  2. CHEM________________________________
3. CHEM (or Rel Fld)_____________________  4. CHEM (or Rel Fld)_______________________

C. Additional Required Courses
1. MATH 32 ___________________________ 2. MATH 34 ______________________________
   Calculus I (or equivalent)           Calculus II (or equivalent)
3. PHYS 1 (or 11)________________________  4. PHYS 2 (or 12)________________________

Research  Have you done any chemistry research as an undergraduate? ___ yes     ___ no
Where and with whom ______________________________________________________________________
When and for how long ______________________________________________________________________
Title of the project __________________________________________________________________________

__________________________      _______________      __________________________      _______________
Student’s Signature                            Date                                Chair’s Signature                        Date

__________________________      _______________      __________________________      _______________
Advisor’s Signature                            Date                                Chair’s Signature                        Date