

## 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)

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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

\_\_\_\_\_  
Advisor's Signature Date

\_\_\_\_\_  
Chair's Signature

\_\_\_\_\_  
Date