Biochemistry Major Concentration Checklist
(To be submitted with University Degree Sheet)
Revised April 2015

Student Name:______________________________  I.D.#________________________

Other Majors:________________________________________________________________________

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

Required courses: Chemistry 1, or 11, or 16; 2 or 12; 51/53, 52/54, 31, 42, 171, and 172.
Biology 13, 41, 50 (or Chemical and Biological Engineering 163), and 105.
Mathematics 34 (or 44) and Physics 2 (or 12) are prerequisites for Chem 31 (Physical Chemistry).
To be eligible for a *summa cum laude* degree, a student majoring in biochemistry must have done
biology or chemistry research equivalent to Biology 93 or Chemistry 81 or 91.

On the lines below, write the semester each course was completed, or indicate that a course is in progress or
to be taken. 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

**Chemistry Requirements**

1. CHEM 1 (or 11 or 16)_________________  
2. CHEM 2 (or 12)________________________
3. CHEM 31___________________________  
4. CHEM 42____________________________
5. CHEM 51/53_________________________  
6. CHEM 52/54____________________________
7. CHEM 171__________________________  
8. CHEM 172____________________________

**Biology Requirements**

1. BIO 13______________________________  
2. BIO 41________________________________
3. BIO 50 (or ChBE 163)_________________  
4. BIO 105_______________________________

**Math and Physics Prerequisites**

1. MATH 34 (or 44)_____________________  
   former Math 12 (or 18)
2. PHYS 2 (or 12)_______________________

**Research**  Have you done any chemistry or biology research as an undergraduate? __ yes   __ no
Where and with whom ________________________________________________________________
When _____________________________________________________________________________
Title of the project ___________________________________________________________________

Advisor’s Signature  Date  Dept. Chair Signature  Date