

**Standard Chemistry Program Sheet      Major/Academic Plan: CHEM-BS**

*For a CCNY degree in Chemistry complete the following courses*

**DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY PLAN = CHEMISTRY GRADUATION CHECK**

Student Name: \_\_\_\_\_

Student ID#: \_\_\_\_\_

<u>Science Core Requirements</u>	<u>Credits</u>	<u>Grade</u>	<u>Term (FA, SP, or SU) &amp; Year taken</u>
Chem 10301 General Chemistry I & Lab	4	_____	_____
Chem 10401 General Chemistry II & Lab	4	_____	_____
Math 20100 Anal. Geom. & Calculus I	4	_____	_____
Math 21200 Anal. Geom. & Calculus II	4	_____	_____
Phys 20700 General Physics I	4	_____	_____
Phys 20800 General Physics II	4	_____	_____
Bio 10100 General Biology I	4	_____	_____
	[28 Total]		
Math 21300 Calc III <b>OR</b>	4	_____	_____
CHEM 250 Mathematics for PChem	2	_____	_____
Bio 10200 General Biology II <b>OR</b>	4	_____	_____
EAS 10600 & 10601 Earth Sys. Sci.	4	_____	_____
	[6 or 8 Total]		

**Chemistry Major Requirements**

24300 Quantitative Analysis	4	_____	_____
26100 Organic Chemistry I	3	_____	_____
26200 Organic Chemistry Lab I	2	_____	_____
26300 Organic Chemistry II	3	_____	_____
32002 Biochemistry I	3	_____	_____
33000 Physical Chemistry I	4	_____	_____
33100 Physical Chemistry Lab I	2	_____	_____
33200 Physical Chemistry II	4	_____	_____
37400 Organic Chemistry Lab II	3	_____	_____
43400 Physical Chemistry Lab II	3	_____	_____
42500 Inorganic Chemistry	3	_____	_____
	[34 Total]		

**Additional Chemistry Courses (Optional, some required for ACS certification)**

Honors Research or Independent Studies

e.g. CHEM 30100, 30200, 30300, 31001, 31002, 31003, 31004

or other upper-level courses

	<u>Credits</u>	<u>Grade</u>	<u>Term (FA, SP, or SU) and Year taken</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Advisor's Remarks: \_\_\_\_\_

This student **has completed/ is completing** (circle one) the major requirements for a degree in Chemistry.

This student **will complete/will not complete** (circle one) all the requirements for an ACS certified degree (if the student will complete the requirements, then please send a copy of this graduation check to Denise Addison).

Date: \_\_\_\_\_

Advisor's Signature: \_\_\_\_\_

**Standard Chemistry Program Sheet      Major/Academic Plan: CHEM-BS**  
*For a CCNY degree in Chemistry complete the following courses*

Instructions to complete the Graduation Check form.

1. Write the name of the student as it appears on the transcript and include the full EMPLID number of the student.
2. For each course, enter the grade and the term (FA, SP, or SU) and year that the course was taken. If a course was transferred from another college, enter a grade of T (for transfer) and leave the term line blank. If a course was exempted due to AP credit from high school, enter AP for the grade and leave the term line blank.
3. If a course does not transfer properly, please give a comment if you are willing to approve an exception. For example, many students transfer CHEM 26200 instead of CHEM 27200. For transfer students, this is acceptable even though it is a 2 credit course instead of a 3 credit course.
4. Please check to make sure that the GPA for Chemistry classes is greater than or equal to 2.0.
5. Please check to make sure that the student completed 120 credits total.
6. Please check that the student meets the Residency requirement by completing a total of 80 credits at CCNY **or** the final 30 credits at CCNY, as well as at least 60% of their major at CCNY. This means that typically, transfer students with more than 40 transfer credits may not permit any courses during their last 30 credits.
7. Substitutions for some courses are permitted (common example, Physics 203 and 204 for 207 and 208 for transfer students and Chemistry 26200 for 27200 for transfer students)

**For ACS certification, the student must complete the following:**

**General Chemistry**

CHEM 10301 and 10401

**Foundation Courses**

CHEM 24300, 26100, 33000, 32002, 42500

**Advanced Courses**

*Standard Chemistry:* CHEM 26300, 33200

*Biochemistry:* CHEM 43500, 48005

**Total laboratory hours (400 h not including General Chemistry)**

*Standard Chemistry:* CHEM 24300 (60 h), 27200 (75 h), 37400 (75 h), 33100 (60 h), 43400 (75 h),  
Independent Study/Honors Research (minimum 55 h which is approximately 1 semester for 3 credits)

*Biochemistry:* CHEM 24300 (60 h), 27200 (75 h), 37400 (75 h), 32004 (60 h), 43500 (60 h), Independent  
Study/Honors Research (minimum 70 h which is approximately 2 semesters for 3 credits each)