

**Chemistry: Traditional Track
BS Degree Completion Checklist**

Last Name _____ First Name: _____ GT ID # _____

Catalog Year _____ Date _____

Term of graduation _____ Departmental Approval _____

Total Semester Credit Hours Required for Graduation = 122
Total Semester Credit Hours Acquired by Student = _____

Health Science Requirement: 2 hours
HPS 1040 _____

Mathematics Requirements: 12 hours
MATH 1501 _____
MATH 1502 _____
 OR MATH 15X2 _____ + MATH 1522 _____
MATH 2401 _____

Physics Requirements: 8 hours
PHYS 2211 _____
PHYS 2212 _____

Computer Science Requirement: 3 hours
CS 1301, 1315 or 1371 _____
(circle one)

Lab Science Requirement: 4 hours
BIOL 1510 _____

Freshman English: 6 hours
ENGL 1101 _____
ENGL 1102 _____

Humanities: 6 hours

Social Sciences: 9 hours

Constitution/History Requirement: 3 hours

Approved Substitutions:
_____ for _____
_____ for _____
_____ for _____

Major Required Courses: 37 hours
CHEM 1310 (General chemistry) _____
CHEM 1311 (Inorganic chemistry I) _____
CHEM 1312 (Inorganic chemistry lab I) _____
 (Required if matriculate F07->)
CHEM 1313 (Quantitative analysis) _____
CHEM 2311 (Organic chemistry I) _____
CHEM 2312 (Organic chemistry II) _____
CHEM 2380 (Synthesis lab I) _____
CHEM 3111 (Inorganic chemistry II) _____
CHEM 3211 (Analytical chemistry) _____
CHEM 3380 (Synthesis lab II) _____
CHEM 3411 (Physical chemistry I) _____
CHEM 3412 (Physical chemistry II) _____
CHEM 3481 (Physical chemistry lab I) _____

Traditional Track Courses: 8 hours
CHEM 4681 (Advanced chemistry lab) _____
CHEM 3511, 4511, or 4512 _____
(Survey of Biochemistry, Biochemistry I, or Biochemistry II)

CHEM Electives: 6 hours

Technical Electives: 6 hours

Free Electives: _12 hours minimum

Instructions: Please fill in **all** blanks with correct course numbers and grades. For courses taken more than one time, please record all grades received in the appropriate blanks. If you are currently taking the course or planning to take the course during your graduating term, please indicate with either “N” for Present Schedule (this term), or “L” for Final Schedule (next term, if applicable). Your “N” or “L” indicated courses must be the same as the courses recorded under sections 16& 17 of your degree petition.

Traditional Options-32 hours

CHEM 4681-5 hours

AND CHEM 3511 OR 4511 OR 4512-3 hours (CHEM 3511 not allowed with CHEM 4511/4512)

AND CHEM ELECTIVES-6 hours: *(Choose from 3482, 4311, 4341, 4401, 4452, 4511, 4512, 4521, 4581, 4601, 4775, 4776*

AND Technical Electives-6 hours: *Choose from Any College of Science, Engineering, and/or Computing Courses 3000 level or higher: Chem 4699 max. 3 hours*

AND Free Electives-12 hours

Constitution/History Requirement: HIST 2111, HIST 2112, POL 1101, or INTA 1200 (credit NOT allowed for POL 1101 and INTA 1200)

Pass/Fail Status: *Only free electives may be taken on a pass/fail basis.* The maximum number of pass/fail hours permitted in an undergraduate program of study depends upon the number of semester credit hours that will be completed at Georgia Tech, as follows:

<u>Hours included in program of study</u>	<u>Hours allowed on pass/fail basis</u>
45 to 70 credit hours	3 credit hours
71 to 90 credit hours	6 credit hours
91 or more credit hours	9 credit hours
