

**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 _____ _____ _____ _____	Global* _____ US* _____
Social Sciences: 9 hours _____ _____ _____ _____ _____ _____	
Constitution/History Requirement: 3 hours _____ _____	
* 2 Overlay courses required (US and Global Perspective). Several humanities, social science, constitution/history courses satisfy the requirement. See the following link http://www.catalog.gatech.edu/students/ugrad/core/core.php	

Major Required Courses: 38 hours CHEM 1211K _____ CHEM 1212K _____ CHEM 2211 _____ CHEM 2311 _____ CHEM 2312 _____ CHEM 2380 _____ CHEM 3111 _____ CHEM 3211 _____ CHEM 3380 _____ CHEM 3411 _____ CHEM 3412 _____ CHEM 3481 _____
Traditional Track Courses: 6 hours CHEM 4694/5 or 4698/9 _____ CHEM 3511 or 4511 _____
CHEM Electives: 6 hours _____ _____ _____ _____
Technical Electives: 6 hours _____ _____ _____ _____
Free Electives: 13 hours minimum _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
Approved Substitutions: _____ for _____ _____ for _____ _____ for _____

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-

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

AND CHEM ELECTIVES-6 hours: (*Choose from 4311, 4341, 4401, 4452, 4511, 4512, 4521, 4581, 4582, 4601, 4740, 4760, 4765, 4775, 4776, 4803, 4804*). Note CHEM 3511 is not allowed with CHEM 4511 or 4512.

AND Technical Electives-6 hours: *Choose from Any College of Science, Engineering, and/or Computing Courses 3000 level or higher or MATH 2403 or Chem 4699 max. 3 hours*

AND Core Chemistry Laboratories: The Core Chemistry Lab requirements are fulfilled with

a) CHEM 3380 (3), and

b) CHEM 3481 (2), and

c) Research Experience:

Either Undergraduate Research CHEM 4699 (3) OR

Undergraduate Internship CHEM 4695 (3).

The experience must include a comprehensive laboratory report.

If either internal or external research (CHEM 4698 or CHEM 4694) is conducted for pay rather than credit, any additional free elective (3) may be substituted to achieve the required earned hours to graduate.

Humanities (6) and Social Science (9) and Constitution/ History (3)

Note the US and Global Perspective: two Overlay Areas, US Perspectives and Global Perspectives are part of the Core Curriculum. Some Humanities courses also carry the Global Perspectives attribute. These courses may be used to satisfy both HUM and GP areas. See the Registrar's website for a detailed listing of courses that overlap and satisfy Humanities, Social Science, Constitutional / History and the US and Global Perspectives requirement.

<http://www.catalog.gatech.edu/students/ugrad/core/core.php>

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

AND Free Electives-13 hours

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:

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