

**CHEM: Materials 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 APPH 1040 or 1050 _____
Mathematics Requirements: 12 hours MATH 1551 _____ MATH 1552 _____ MATH 1553 _____ MATH 2551 _____
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: 38 hours CHEM 1211K _____ CHEM 1212K _____ CHEM 2211 _____ CHEM 2311 _____ CHEM 2312 or 2313 _____ CHEM 2380 _____ CHEM 3111 _____ CHEM 3211 _____ CHEM 3380 _____ CHEM 3411 _____ CHEM 3412 _____ CHEM 3481 _____
Materials Track Courses: 19 hours CHEM 4684 _____ CHEM 3511 or 4511 _____ (circle one) MSE 2001 _____ MSE elective _____ MSE elective _____ MSE elective _____
Free Electives: 12 hours _____ _____ _____ _____ _____ _____ _____ _____

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.

**Materials Option – 31 hours**

CHEM 4684- 4 hours

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

AND MSE 2001-3 hours

MSE Electives (9 hours)

Note: At least 6 hours must be at the 3000 level or above.

MSE: 2001, 3000, 3002, 3003, 3012, 3015, 3021, 4002, 4010, 4020, 4022, 4325, 4751, special topics (with approval of UG coordinator)

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

BS Chemistry Materials Track

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