

**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  
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: 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 \_\_\_\_\_

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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Global \_\_\_\_\_ US \_\_\_\_\_

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>

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

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