

**CHEM: Traditional Track, International Plan  
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 \_\_\_\_\_

Constitution/History Requirement: 3 hours  
\_\_\_\_\_

CHEM Electives: 6 hours  
\_\_\_\_\_  
\_\_\_\_\_

Technical Elective: 3 hours  
\_\_\_\_\_

Free Electives: \_\_\_\_\_ hours\*\*\*  
\_\_\_\_\_  
\_\_\_\_\_

Approved Substitutions:  
\_\_\_\_\_ 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 \_\_\_\_\_

Traditional Option Courses: 7 hours  
CHEM 4684 \_\_\_\_\_  
CHEM 3511 or 4511 \_\_\_\_\_  
(circle one)

International Plan Courses:

Foreign Language: 12 hours or proficiency\*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Social Sciences: 9 hours\*\*  
\_\_\_\_\_ **Internat. Relations Elective**  
\_\_\_\_\_ **Country/Regional Elective**  
\_\_\_\_\_ **Global Economics Elective**

Capstone Course: 3 hours  
CHEM 4699 \_\_\_\_\_

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.

**\*Note on Language Requirements**

Students must complete the language requirement in a single language. The Institute humanities requirement is fulfilled by ENGL 1101, 1102, Language I, Language II. Students that are certified professionally competent in a language other than English and not required to take 12 credits of language must complete 6 credits of Institute-approved humanities coursework and 6 credits of free electives. Social science requirements are fulfilled by Institute-approved country/regional elective courses, global economics elective courses, international relations elective courses, and United States and Georgia history/constitution courses.

**\*\*Note on Social Sciences**

The International Relations, Country/Regional, and Global Economics courses should be selected so that they also meet the 9 hour social science requirement.

**\*\*\*Note on Free Electives**

The number of free electives for students on the International Plan will be highly variable depending on how many of the International Plan electives met social science requirements and whether four semesters of language were taken. This checklist comprises 101 credit hours *excluding* the twelve hours of foreign language and 9 hours of social science (assuming that International Plan electives met the social science requirements). An additional 18 hours are needed for the degree. If four semesters of language are taken, then the first six hours are used to complete the Institute’s humanities requirement, and the remaining six may be counted as free electives. An additional six hours of free electives are required. If only three semesters of foreign language are taken, then only the last three count as free electives and nine hours of free electives are required. If only two semesters are taken, then twelve hours of free electives are necessary.

The number of free elective hours needed may be reduced if the International plan electives do not meet the social science requirements. Essentially the International plan electives substitute one-to-one for free electives in this case.

**Chemistry Electives**

CHEM 3482, 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)

**Technical Electives**

The Technical Elective Requirement may be fulfilled by course work in Science, Engineering, and Computing at the 3000 level or higher or MATH 2403.

**International Relations Electives**

HTS: 3012, 3064, 3066, 3067

INTA: 1110, 2030, 2040, 2100, 2210, 3031, 3102, 3103, 4050, 4060, 4241

PUBP: 3600

### **Country or Regional Electives**

ARCH: 4113, 4123, 4125, 4126, 4128

COA: 3115, 3116

FREN: 3001, 3002, 3004 3007, 3008, 3011, 3012, 3061, 3062, 3691, 3692, 3693, 3694, 4061, 4062, 4101, 4102

GRMN: 3034, 3035, 3036, 3071, 3072, 3695, 3696, 3697, 4012, 4023, 4024, 4061, 4062, 4065

HTS: 1031, 2036, 2037, 2061, 2062, 3031, 3032, 3033, 3035, 3036, 3038, 3039, 3041, 3043, 3045, 3061, 3062, 3063

ID: 4203, 4205

INTA: 2200, 2230, 3120, 3121, 3130, 3131, 3203, 3220, 3221, 3230, 3231, 3240, 3241, 3321, 3330, 3331, 4121, 4230, 4240, 4330, 4331, 4332, 4333, 4340, 4743

JAPN: 3061, 3062, 3691, 3692, 3693, 4123, 4743

LCC: 2102, 2104, 2106, 2218, 3212, 3302, 3316

SPAN: 3061, 3062, 3122, 3235, 3241, 3242, 3691, 3692, 3693, 3694, 4061, 4062, 4170, 4255

### **Global Economics Electives**

ECON: 2101, 4311, 4350

INTA: 3301, 3303, 3304

MGT: 3660

**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