

**Biochemistry, 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 (4) _____ MATH 1502 (4) _____
or MATH 15X2 _____ + MATH 1522 _____
MATH 2401 (4) _____
-----Fall 2015 MATH-----
MATH 1551 (2) _____ MATH 1552 (4) _____
MATH 1553 (2) _____ MATH 2551 (4) _____

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

Biology Electives: 9 hours

Free Electives: _____ hours***

Approved Substitutions:
_____ for _____
_____ for _____

Major Required Courses: 46 hours
CHEM 1211K _____
CHEM 1212K _____
CHEM 2211 _____
CHEM 2311 _____
CHEM 2312 or 2313 _____
CHEM 2380 _____
CHEM 3211 _____
CHEM 3371 _____
CHEM 3411 _____
CHEM 4511 _____
CHEM 4512 _____
CHEM 4521 _____
CHEM 4581 _____
CHEM 4582 _____
CHEM 4601 _____

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.

Biology Electives

Two of the three biology electives must be BIOL 2344, 3450, OR 4668.

The remaining biology elective must be one of the following: BIOL 3380, 4015, 4340, 4401, 4418, 4440, 4464, 4570, 4608, 4765, CHEM 4803 (with permission of UG coordinator).

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.

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

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

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: 1200, 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)
