

BSCHEM DEGREE CANDIDATE SEMESTER CHECKLIST

Name _____ GT ID # _____ Catalog Year _____ Date _____

Term of graduation _____ Departmental Approval _____

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.

Total Semester Credit Hours Required for Graduation = 122

Health Science Requirement-2 hours HPS 1040 _____
Mathematics Requirements-12 hours MATH 1501 _____ MATH 1502 _____ MATH 2401 _____
Physics Requirements-8 hours PHYS 2211 _____ PHYS 2212 _____
Computer Science Requirement-3 hours CS 1301/1315/1371 _____
Major Required Courses-37 hours CHEM 1310 _____ CHEM 1311 _____ CHEM 1312 _____ (Required if matriculate F07->) CHEM 1313 _____ CHEM 2311 _____ CHEM 2312 _____ CHEM 2380 _____ CHEM 3111 _____ CHEM 3211 _____ CHEM 3380 _____ CHEM 3411 _____ CHEM 3412 _____ CHEM 3481 _____
Lab Science Requirement-4 hours BIOL 1510 _____
Free Electives – total hours = _____ _____ _____

Senior Course Option – total hours = _____
Track (Circle One) Traditional Biochemistry Polymer Materials Business
Courses: _____ _____ _____ _____ _____
Constitution/History Requirement-3 hours _____
Freshman English-6 hours ENGL 1101 _____ ENGL 1102 _____
Humanities-6 hours _____ _____
Social Sciences- 9 hours _____ _____ _____
Approved Substitutions: _____, _____, _____ _____, _____, _____

Senior Course Options

Traditional Options-32 hours

CHEM 4681-5 hours

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

AND CHEM ELECTIVES-6 hours: (*Choose from 3482, 4311, 4341, 4401, 4452, 4511, 4512, 4521, 4581, 4601, 4775, 4776*)

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

AND Free Electives-12 hours

Biochemistry Option- 32 hours

CHEM 4511, 4512, 4581, and 4601-11 hours

At least one of the biochemistry electives chosen must contain a laboratory component (e.g. BIOL 3380+3381, CHEM 4582, etc). Electives include: CHEM 4521, 4582, BIOL 3340/3341, 3380/3381, 4220, 4290, 4340, 4418, 4400, 4401, 4464, 4478, 4570, 4571, 4668.

Note: BIOL 3340 or 3380 may be taken as a lecture only course. However, if enrolled in BIOL 3341 or 3381, you must be enrolled in the corresponding lecture course (BIOL 3340 or BIOL 3380) in the same semester.

AND Free Electives-15 (14) hours

Polymer Option – 32 hours

CHEM 4681, 4775, and 4776-11 hours

****Note** CHEM 4775& 4776 are co-listed with CHE AND TFE

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

AND CHEM ELECTIVE-6 hours: *Choose from CHEM 3482, 4311, 4341, 4401, 4452, 4511, 4512, 4521, 4581, 4601*

AND Polymer Elective-3 hours (chosen from polymer courses in TEX, CHE, and MSE at 3000 level or higher)

AND FREE ELECTIVES- 9 hours

Materials Option – 32 hours

CHEM 4681-5 hours

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

AND MSE 2001 and 3001 and 3010 and 3020-12 hours

AND FREE ELECTIVES- 12 hours

Business Option-32 hours

CHEM 4681-5 hours

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

AND MGT 3000, 3300, and a MGT elective (*Choose from MGT 3150, 3076, 4191, 4660*)-9 hours

AND CHEM ELECTIVE-3 hours: *Choose from CHEM 3482, 4311, 4341, 4401, 4452, 4511, 4512, 4521, 4581, 4601*

AND FREE ELECTIVES- 12 hours

Note: ECON 2106 and PSY 2220 (as social science electives)-6 hours