

Bachelor of Arts with a Major in Chemistry

2012-14 Catalog (Expires August 2020)

University Core Curriculum

First-Year Signature Course: UGS 302 or 303 ____

English: RHE 306 ____

Humanities: E 316K ____

American & Texas Government: 6 hrs from approved core list

American History: 6 hrs from approved core list

____ + ____

____ + ____

Social and Behavioral Science: 3 hrs from approved core list ____

Mathematics: 3 hrs from approved core list: ____ [M 408C or M 408N]

Science and Technology Part I: 6 hrs in a single subject from approved core list: ____ + ____ [CH 301 or 301H + CH 302 or 302H]

Science and Technology Part II: 3 hrs from approved list in a subject other than the one chosen for Part I: ____ [PHY 317K, 301, or 303K]

Visual & Performing Arts: 3 hrs from approved core list ____

Note that no single course may be used to fulfill two core areas simultaneously. In most cases, students may satisfy both a *core requirement* and a *major requirement* with a single course. Plan II students may have additional options for some core requirements.

Additional General Education Requirements

Two Writing Flags (must include a course that is not used to meet a core requirement and a course that is upper-division): ____ + ____

Writing Flag courses may satisfy other degree requirements.

Foreign Language: 4 semesters in a single language or attainment of 4th semester foreign language proficiency: ____ + ____ + ____ + ____

Social Science: 3 hrs from a single field of study different than the course used for the Social & Behavior Science core requirement, chosen from list maintained by College of Liberal Arts: ____

Cultural Expression, Human Experience, and Thought: 3 hrs chosen from a list maintained by the College of Liberal Arts: ____

Natural Sciences: 6 additional hours will be satisfied by required chemistry and physics courses.

Mathematics and Physics With a Grade of C- or Better

Entry-level Mathematics: M 408N ____ + 408S ____ + 408M ____ OR M 408C ____ + 408D ____

8 hours: chosen from the following sequences (lecture and accompanying lab):

1) PHY 317K ____ + 117M ____ AND 317L ____ + 117N ____ OR

2) PHY 301 ____ + 101L ____ AND 316 ____ + 116L ____ OR

3) PHY 303K ____ + 103M ____ AND 303L ____ + 103N ____

Chemistry with Grades of C- or Better

Chemistry: CH 301 or 301H ____ + 302 or 302H ____ + 317 or 204 ____

Organic Chemistry (8 hours from ONE of the following sequences):

CH 328M ____ + 128K ____ + 328N ____ + 128L ____ OR CH 320M ____ + 320N ____ + 220C ____

Physical Chemistry: CH 353 ____ + 153K ____ + 354 or 354L ____ + 154K ____

Analytical Chemistry: CH 456 (offered in Fall only) ____ + CH 376K (offered in Spring only) ____

Minor Requirement, 12 Hours chosen from One Option, with Grades of C- or Better

Complete one of the following sequences:

a. 12 hours in a single field of study, chosen from BIO, GEO, M, or PHY: ____ + ____ + ____ + ____

b. Computer Science: 303E ____ + 313E ____ + 6 hours chosen from: 323E, 324E, 326E, 327E, and 329E: ____ + ____

c. Field of study outside of Natural Sciences and the Jackson School of Geosciences, approval by petition only: ____ + ____ + ____ + ____

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Enough Additional Elective Hours to Reach a Total of 120 Hours (including 36 Upper-division)

Minimum Grade Point Average Requirements

2.0 grade point average in all mathematics and science courses required by degree *: _____

2.0 grade point average in all courses taken at the University of Texas at Austin: _____

* Required mathematics and science courses may include: ACF, AST, BIO, CH, CS, EVS, GEO, HDF, HE, M, NEU, NSC, NTR, PHY, SSB, SSC, TXA, and UTS-Natural Sciences.

Total Hours and Residency Requirements:

120 semester hours: _____

36 upper-division hours: _____

24 of the last 30 hours in residence: _____

60 hours in residence: _____

21 upper-division hours in residence: _____

18 hours of the major, including 6 upper-division, in residence: _____

No more than 16 hours of electives may be taken Pass/Fail. No more than 42 hours in a single field of study may be counted toward the degree. No more than 3 three-hour courses in Air Force Science, Military Science, and Naval Science may be counted toward the degree. The following courses will not count toward this degree: some Elements of Computing courses, M 301, KIN 119, or PED one-hour activity courses. Please check course descriptions of lower-division science courses not required for majors in the same field of study to see if they can or cannot count toward your degree. Students may earn only one BA degree, though they may earn multiple majors. Students completing an additional degree must complete 24 hours in addition to those counted toward the bachelor's degree that requires the higher number of credit hours.

Chemistry/Biochemistry Undergraduate Advising Center

The Chemistry/Biochemistry Undergraduate Advising Office is located in Welch Hall (WEL) Room 2.216. Advising is usually offered by appointment from 9:00am - 12noon and from 1:30pm - 4:30pm. For information call 471-3097. You can expect to receive the following assistance:

- information about degree requirements and academic policies and procedures;
- advice about course selection;
- assessment of your academic progress;
- assistance with registration problems, when appropriate.

Student Responsibility

While University faculty and staff members give students academic advice and assistance, each student is expected to take responsibility for his or her education and personal development. The student must know and abide by the academic and disciplinary policies given in the *Undergraduate Catalog* and in the *General Information* catalog, including rules governing quantity of work, the standard of work required to continue in the University, scholastic probation and dismissal, and enforced withdrawal. The student must also know and meet the requirements of his or her degree program, including the University's basic education requirements, must enroll in courses appropriate to the program, must meet prerequisites and take courses in the proper sequence to ensure orderly and timely progress, and must seek advice about degree requirements and other University policies when necessary.