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 a subject other than the one chosen for Part I from approved core list: BIO 311C  
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 biology, chemistry, and physics.

Mathematics and Physics With Grades of C- or Better

Entry-level Mathematics: M 408N  +  408S  +  408M  OR  M 408C  +  408D  
Physics, 8 hours: chosen from one of 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

Entry-level Chemistry: CH 301 or 301H  +  302  or  302H  
Introductory Laboratory:  
Physical Chemistry:  
Chemical Analysis:  
Analytical Chemistry: CH 455
Bachelor of Arts with a Major in Biochemistry  
2012-2014 Catalog (Expires August 2020)

### Biology with Grades of C- or Better

**Biology:** BIO 311C ___ + 311D ___ + 325 ___ OR 315H ___ + 325H ___

**Physiology:** 3 hours chosen from: BIO 328, 339, 345, 361T, 365R or 371M, and 365S ____

### 3 Additional hours chosen from:
Physiology list or BIO 320, 226L, 326M or 326R, 330, 331L, 335, 344, 346, 347, 349, 360K, 361, and 365W: ______

#### Physiology Courses
- BIO 328, Introductory Plant Physiology
- BIO 339, Metabolism & Biochemistry of Microorganisms
- BIO 345, Cell Physiology
- BIO 361T, Comparative Animal Physiology
- BIO 365R, Vertebrate Neurobiology
- or BIO 371M, Neuronal Basis of Brain and Behavior
- BIO 365S, Vertebrate Systems Physiology

#### Additional Biology:
- BIO 320, Cell Biology
- BIO 226L, General Microbiology Laboratory
- BIO 335, Introduction to Biochemical Engineering
- BIO 344, Molecular Biology
- BIO 346, Human Biology
- BIO 347, Biology and Genetics of Immune Disorders
- BIO 349, Developmental Biology
- BIO 360K, Immunology
- BIO 361, Human Infectious Diseases
- BIO 365W, Neurobiology of Addiction

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

____        _____        _____        _____        _____        _____        _____        _____      _____

### 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, NSC, NEU, NTR, PHY, 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. You can expect to receive the following assistance: information about degree requirements, academic policies and procedures; assessment of your academic progress; advice about course selection; and 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 through reading and understanding the degree requirements and policies given in the Undergraduate Catalog and in the General Information catalog.

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