Bachelor of Arts with a Major in Biochemistry
2010-2012 Catalog (Expires August 2018)

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

Substantial Writing Components and/or Writing Flags (including a course that is not used to meet a core requirement and a course that is upper-division): _____ + _____

Substantial Writing Components and Writing Flags may satisfy other specific 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 <u>different</u> 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: CH 317 or 204 _____

Organic Chemistry (8 hours from ONE of the following sequences):
CH 318M ____ + 118K _____ + 318N _____ + 118L _____ ***OR*** CH 310M _____+ 310N _____ + CH 210C____

Biochemistry: CH 339K _____ + 339L _____ + 369L + _____ + 370 _____

Physical Chemistry: CH 353M _____

Analytical Chemistry: CH 455 _____

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Biology with Grades of C- or Better

Entry-level Biology: BIO 311C _____ + 311D _____ **OR** 315H _____

Genetics: BIO 325 or 325H (prerequisite BIO 315H): _____

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, 126L, 326R, 330, 331L, 344, 347, 349, and 360K _____

***Physiology Options:**

Biology 328	Introductory Plant Physiology
Biology 339	Metab & Biochem of Microorganisms
Biology 345	Cell Physiology
Biology 361T	Comparative Animal Physiology
Biology 365R	Vertebrate Neurobiology
or	
Biology 371M	Neuronal Basis of Brain and Behavior
Biology 365S	Vertebrate Systems Physiology

Other:

Biology 320	Cell Biology
Biology 326R	General Micro: Cell Structure/Genetics
Biology 126L	General Microbiology Lab
Biology 330	Animal Virology
Biology 331L	Laboratory Studies in Molecular Biology
Biology 344	Molecular Biology
Biology 347	Biology/Genetics of Immune Disorders
Biology 349	Developmental Biology
Biology 360K	Immunology

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, 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: ___
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. 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.

CNS Academic Records July 2010