

Name: \_\_\_\_\_

UIN: \_\_\_\_\_

## Biochemistry Degree Plan

Major Coursework (C or Better): 28 hours			
Course	Semester Taken	Hours	Grade
BICH 101		1	
BICH 404		2	
BICH 440		3	
BICH 441		3	
*BICH 414		2	
BICH 431		3	
GENE 302		3	
GENE 312		1	
BICH Elective		3	
BICH Elective		3	
BICH 491		3	
BICH 491W		1	

Supporting Coursework: 29 hours			
Course	Semester Taken	Hours	Grade
BIOL 111		4	
BIOL 112		4	
*BIOL 351		4	
^CHEM 227		3	
^CHEM 237		1	
^CHEM 228		3	
^CHEM 238		1	
CHEM 327		3	
CHEM 328		3	
*MATH 251		3	

Communication: 6 hours			
Course	Semester Taken	Hours	Grade
ENGL 104		3	
ENGL 210		3	

Life & Physical Sciences: 16 hours			
Course	Semester Taken	Hours	Grade
CHEM 119		4	
CHEM 120		4	
PHYS 206		3	
PHYS 226		1	
PHYS 207		3	
PHYS 227		1	

**Language, Philosophy & Culture: 3 hours			
Course	Semester Taken	Hours	Grade
		3	

Mathematics: 8 hours			
Course	Semester Taken	Hours	Grade
*MATH 151		4	
*MATH 152		4	

**Creative Arts: 3 hours			
Course	Semester Taken	Hours	Grade
		3	

International & Cultural Diversity: 3 hours			
Course	Semester Taken	Hours	Grade
		3	

**Social & Behavioral Sciences: 3 hours			
Course	Semester Taken	Hours	Grade
		3	

Cultural Discourse: 3 hours			
Course	Semester Taken	Hours	Grade
		3	

American HIST & GOVT/POLS: 12 hours			
Course	Semester Taken	Hours	Grade
HIST _____		3	
HIST _____		3	
POLS 206		3	
POLS 207		3	

Electives: 12 hours			
Course	Semester Taken	Hours	Grade

HS Foreign Language (2 years): \_\_\_\_\_

*^must attain a grade of c or better for credit*  
*\*has alternative courses*

*~if courses do not overlap, then courses come from electives*  
*\*\*courses can overlap with International & Cultural Diversity*

## KEY:

BICH 101	Perspectives in Biochemistry and Genetics ( cross-listed with GENE 101)
BICH 404	Biochemical Calculations
BICH 414	Biochemical Techniques (SPRING ONLY) (Writing Intensive)
BICH 431	Molecular Genetics ( cross-listed with GENE 431)
BICH 440	Biochemistry I
BICH 441	Biochemistry II
BICH 491	Research
BIOL 111	Introductory Biology I
BIOL 112	Introductory Biology II
BIOL 351	Microbiology (Writing Intensive)
CHEM 119	Fundamentals of Chemistry I
CHEM 120	Fundamentals of Chemistry II
CHEM 227	Organic Chemistry I
CHEM 237	Organic Chemistry I Lab
CHEM 228	Organic Chemistry II
CHEM 238	Organic Chemistry II Lab
CHEM 327	Physical Chemistry I
CHEM 328	Physical Chemistry II
ENGL 104	Composition & Rhetoric
ENGL 210	Technical & Business Writing
GENE 302	Principles of Genetics
GENE 312	Comprehensive Genetics Lab
MATH 151	Engineering Math I (Calculus I)
MATH 152	Engineering Math II (Calculus II)
MATH 251	Engineering Math III (Calculus III)
PHYS 206	Mechanics
PHYS 226	Mechanics Lab
PHYS 207	Electricity & Optics
PHYS 227	Electricity & Optics Lab
POLS 206	American National Government
POLS 207	State & Local Government

**American History Electives:** Select from HIST 105, 106, or other acceptable American History courses. May use 3 hours of Texas History for this requirement; may overlap with ICD/CD (i.e. HIST 258 ...others available).

**Creative Arts Elective:** Refer to core curriculum list; may overlap with ICD/CD (i.e. ARTS 150; ENDS 101; THAR 201 ...others available).

**Elective:** Any course not used elsewhere in the major except lower-level and non-major courses.

**ICD/CD Electives:** International & Cultural Diversity/Cultural Discourse; refer to core curriculum list and try to overlap when possible to keep free electives open.

\*BICH 414 alternatives: BICH 432; GENE 432

\*MATH 151 alternative: MATH 171

\*BIOL 351 alternative: BIOL 413 and 423

\*MATH 152 alternative: MATH 172

Electives **cannot** be BICH 303; BICH 410-412; ENGL 100-102; MATH 100-104, 130-150, 230

**Two courses in the degree plan must be a Writing Intensive course designated by the department in the schedule of classes: Approved courses: BICH 491, see advisor for additional courses.**