

**University of the Incarnate Word**  
**Degree: Bachelor of Science Major: Biochemistry**

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Catalog: 2009-2011  
 Advisor: \_\_\_\_\_ Evaluator: \_\_\_\_\_ Date: \_\_\_\_\_

**By the end of the second semester at UIW, students must successfully test for computer competence or complete a computer literacy course. A grade of C or better is required in ENGL 1311 and 1312 and all course for Major, Minor, Concentration, or Specialization. Core Prep or ESLI course will not be included in the 128 hours required to graduate.**

**An approved substitution form must be submitted to change the placement or requirement list on this plan.**

University Core Curriculum	Req 45 hrs	Semester Earned	Grade
A. Rhetoric (6) ENGL 1311 ENGL 1312	3 3		
B. Wellness Development (3) DWHP 1200 (3200 transfer) PE activity course	2 1		
C. Philosophy (3) PHIL 1381	3		
D. Religious Studies (3) One of the following: RELS 1310, 1340, 1345, 1355, 1360, 1375, 2320, 2329, 2330, 2335, 2345, 3300	3		
E. Second RELS or PHIL (3) Any other PHIL or RELS	3		
F. Literature and the Arts (3) ENGL 2310	3		
G. Fine Arts (3) (any 3 hr. Performance or History course in Visual Art, Dance, Music, or Theatre but NOT computer art)	3		
H. Mathematics (3)		In	Major
I. Natural Sciences (4)		In	Major
H. History (3) HIST 1311, 1312, 1321, or 1322	3		
K. Social or Behavioral Science (3) PSYC1301, SOCI 1311, ECON 2301, POLS 1315 or 1316	3		
L. Second Language (6)	3 3		
Computer Literacy Course or Exam	---		
Community Service (45 Clock)	45	---	---

It is strongly recommended that students take as many upper-division (3000-level or higher) core courses as possible.

Lower-Division Electives		Semester Earned	Grade

**Institutional Requirements:**

- 128 hours minimum (173 for second degree)
- 36 of the last 45 hours must be completed at UIW
- 42 hours must be 3000-4000 level (junior college courses will not satisfy advanced hour requirement)

Chemistry and Biology Curriculum	Req 44-45 hrs	Semester Earned	Grade
CHEM 1301 (Chemical Principles I)	3		
CHEM 1101 (Chem. Principles I Lab)	1		
CHEM 1302 (Chemical Principles II)	3		
CHEM 1102 (Chem. Principles II Lab)	1		
CHEM 2311 (Organic I)	3		
CHEM 2111 (Organic I Lab)	1		
CHEM 2312 (Organic II)	3		
CHEM 2112 (Organic II Lab)	1		
CHEM 3421/3421L (Quant. Analys.)	4		
CHEM 4351 (Biochemistry I)	3		
CHEM 4151 (Biochemistry I Lab)	1		
CHEM 4352 (Biochemistry II)	3		
CHEM 4431/4431L (Physical Chem. I)	4		
CHEM 4260 (or CHEM 4160 twice)	2		
<i>One of the following:</i> CHEM 4432/4432L (Phys. Chem. II)	4		
CHEM 3441/3441L (Inorganic)	4		
Any 3000 level or higher biology course not already required	3 or 4		
<i>Two of the following:</i> BIOL 3411/3411L (Cell Biology)	4		
BIOL 3461 (Genetics)	4		
BIOL 3471/3471L (Microbiology)	4		

Support Work Required	Req 18 hrs	Semester Earned	Grade
MATH 2312 (Calculus I)	3		
MATH 2313 (Calculus II)	3		
PHYS 2305/2105 (Physics I)	3		
PHYS 2105 (Physics I Lab)	1		
PHYS 2306 (Physics II)	3		
PHYS 2106 (Physics II Lab)	1		
BIOL 1402 and Lab (Unity of Life)	4		

**No Minor required**

Upper-Division Electives		Semester Earned	Grade

**Upper-Division Hours:**

In Major: 28-29  
 Remaining: 13-14