The University of Texas at Arlington
Bachelor of Science in Microbiology - 2012

Students must maintain a 2.25> overall GPA and a 2.25> BIOL GPA. Failure to do so may result in dismissal from the College of Science. Students must apply for graduation at www.uta.edu/registrar prior to their final semester.

Name **ID: 1000**

Prepared by: **Date:** **Expected Graduation:** **Catalog 2011-2012**

CORE CURRICULUM & ELECTIVES

English Composition - 6 hours	**Earned**	**Need**
ENGL 1301		3
ENGL 1302		3
Literature (2000 level - any topic) - 3 hours		
ENGL 23--		3
Total ENGL Hours		**9**
Liberal Arts - 2000 level - 3 hours		
		3

US History - 6 hours **- (**Tx History may sub for one US HIST)

HIST 1311		3
HIST 1312		3
Total HIST Hours		**6**

Political Science (Government) - 6 hours

POLS 2311 - (US GOVT.)		3
POLS 2312 - (TX GOVT.)		3
Total POLS Hours		**6**

Fine Arts - (ART, MUSI, THEA, DNCE) - 3 hours

		3

Social/Cultural Studies (ECON, SOCI, PSYC, etc.) - 3 hours

		3

Oral Communication (COMS, SPCH) - 3 hours

		3

Mathematics - 7 hours

MATH 1323 - Precalc II		3
MATH 1426 - Calculus		4
Total Math Hours		**7**

Any Level Electives - 1000/2000> Courses		11
Total Elective Hours		**11**

Computer Literacy Requirement
Satisfied by passing the Computer Skills Proficiency Test given at Testing Office, 201 Davis Hall
*If a student does not pass the CSP, must take INSY 2303 or CSE 1301 to satisfy requirement.

SCIENCE - (CHEM, PHYS, BIOL)

Chemistry - 19 hours	**Earned**	**Need**
CHEM 1441 - Gen. CHEM I w/lab		4
CHEM 1442 - Gen. CHEM II w/lab		4
CHEM 2321 - Org CHEM I lecture		3
CHEM 2181 - Org CHEM I lab		1
CHEM 2322 - Org CHEM II lecture		3
CHEM 2182 - Org CHEM II lab		1
CHEM 4311 - Biochemistry I		3
Total Chemistry Hours		**19**

Physics - 8 hours

PHYS 1441 - Gen. Coll. Physics I		4
PHYS 1442 - Gen. Coll. Physics II		4
Total Physics Hours		**8**

MAJOR: BIOLOGY - 42 Total Hours Required

1441 - Cell & Molecular		4
3444 - Gen. Microbiology w/Lab		4
4302 - Microbial Genetics		3
3445 - Methods in Mol/Microbio		4

Complete 27 Hours From:		**27**
3170 - Limnology Lab		
3311 - Special Topics in Micro		
3312 - Immunology		
3318 - Limnology		
3327 - Microbial Diversity		
3328 - Environmental Micro		
4189, 4289 - Research		
4312 - Virology		
4388 - TA in Microbiology Lab		
4345 - Microbial Physiology		
4317 - Bacterial Pathogenesis		
4440 - Lab in Bacterial Path.		

NO SUBS WILL BE MADE WITHOUT PRIOR APPROVAL

Total Biology Hours Required		**42**

Total Transfer Hours*
*72 max from comm college

Total Advanced Hours*
*Must have 36 advanced hours to graduate

GRAND TOTAL		**120**

Advisors: **Jane Pugh - Rm 345-C Life Science**
Alex Ferracuti - Rm 345-B Life Science
Linette Tucker - Rm 345-A Life Science
Megan Juel - Rm 346 Life Science