

Bachelor of Science in Molecular and Cellular Biology

SAMPLE CURRICULUM

Feb-07

Total Semester hours: 121

First Semester		
<i>Freshman Year</i>		
Course No.	Subject	Credit Hours
BIO 1213	Biology I	3
BIO 1221	Biology I lab	1
COM 1001	University Seminar	1
COM 1103	English Comp	3
CHM 1213	Univ Chem 1	3
CHM 1221	Univ Chem Lab 1	1
MCS 1414	Calc 1	4
		16

Second Semester		
Course No.	Subject	Credit Hours
BIO 1223	Biology 2	3
BIO 1231	Biology 2 lab	1
CHM 1233	Univ Chem 2	3
CHM 1232	Univ Chem 2 lab	2
LLT 1213	World Masterpcs 1	3
MCS 1424	Calc 2	4
		16

<i>Sophomore Year</i>		
Course No.	Subject	Credit Hours
CHM 2313	Organic Chem 1	3
LLT 1213	World Masterpcs 2	3
MCS 2113	Statistics 1	3
PHY 2213	College Physics 1	3
PHY 2221	College Physics 1 lab	1
SSC 2413	Found Am Exp	3
		16

Course No.	Subject	Credit Hours
BIO 2203	Anat & Phys	3
BIO 2201	Anat & Phys Lab	1
CHM 2323	Organic chem 2	3
CHM 2332	Organic chem lab	2
PHY 2223	College Physics 2	3
PHY 2231	College Physics 2 lab	1
SSC 2423	Dev Am Exp	3
		16

<i>Junior Year</i>		
Course No.	Subject	Credit Hours
BIO 2323	Genetics	3
BIO	Ecology	3
SSC xxxx	SSC elective	3
GEN xxxx	Gen elective	3
GEN xxxx	Gen elective	3
		15

Course No.	Subject	Credit Hours
CHM 3403	Biochem	3
CHM 3411	Biochem lab	1
COM 2103	Tech & Prof Com	3
GEN xxxx	Gen elective	3
GEN xxxx	Gen elective	3
		13

<i>Senior Year</i>		
Course No.	Subject	Credit Hours
BIO 4813	Cell Biology	3
BIO 4811	Cell Biology lab	1
CHM/BIO	Tech elective	3
LLT 3xxx	Jr/Sr Lit elective	3
GEN xxx	Gen elective	3
BIO	Senior Project	2
		15

Course No.	Subject	Credit Hours
BIO 4xxx	Evolution	3
BIO	Tech elective	3
SSC3xxx	Jr/Sr SSC elective	3
GEN xxxx	Gen elective	3
BIO	Senior Project	2
		14