

N TO USF

COLLEGE OF ARTS & SCIENCES

BACHELOR OF SCIENCE: CELL AND MOLECULAR BIOLOGY

YEAR 1 FALL

ENC 1101 English Composition I	3
+MAC 2311 Calculus*	4-5
+CHM X045 with Lab*	4
State Core Humanities	3

TOTAL: 14-15

YEAR 1 SPRING

+CHM X046 with Lab	4
+MAC 2312 or STA 2023*	3-5
State Core Social Science	3
General Education/Elective	3

TOTAL: 13-15

YEAR 2 FALL

CHM X210 with Lab	4-5
+BSC X010 with Lab	4
General Education/Elective	3
General Education/Elective	3
General Education/Elective	3

TOTAL: 17-18

YEAR 2 SPRING

CHM X211 with Lab	4-5
+BSC X011 with Lab	4
General Education/Elective	3
General Education/Elective	3
General Education/Elective	3

TOTAL: 17-18

*These classes may have prerequisites that must be taken before. Check with your Academic Advisor.

YEAR 3 FALL USF

PCB 3063/L General Genetics with Lab	4
PHY 2053/L General Physics I with Lab	4
Upper Level Elective	3
Upper Level Elective	3

TOTAL: 14

YEAR 3 SPRING USF

PCB 3023/L Cell Biology with Lab	4
PHY 2054/L General Physics II with Lab	4
MCB 3410 Cell Metabolism	3
Upper Level Elective	3

TOTAL: 14

YEAR 4 FALL USF

PCB 4024 Molecular Biology of the Cell	3
Cell and Molecular Biology Elective	3
Cell and Molecular Biology Elective	3
Cell and Molecular Biology Elective	3
General Elective	4

TOTAL: 16

YEAR 4 SPRING USF

PCB 4026 Molecular Biology of the Gene**	3
Cell and Molecular Biology Elective	3
Cell and Molecular Biology Elective	3
Upper Level Elective	3
General Elective (if needed)	3

TOTAL: 12-15

TOTAL CREDITS

