

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

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|----------------------------|-----|
| +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

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|----------------------------|-----|
| 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

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|----------------------------|-----|
| 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

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| 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

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| 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

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| 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

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| 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

