

BIOCHEMISTRY

Minimum courses required: 15

Course requirement	Semester Taken
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Biology

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| 1. | BIO 112: Cells and Genes | _____ |
| 2. | BIO 305: Biochemistry | _____ |

TWO from:

- BIO 211: Genetics
- BIO 219: Cell Biology
- BIO 221: Microbiology and Immunology
- BIO 254: Developmental Biology

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| 3. | _____ | _____ |
| 4. | _____ | _____ |

ONE from:

- BIO 316: Molecular Biology and Genomics
- BIO 321: Immunology
- BIO 324: Neurobiology

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| 5. | _____ | _____ |
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Chemistry

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| 6. | CHEM 153: Chemical Principles | _____ |
| 7. | CHEM 232: Aqueous Equilibria | _____ |
| 8. | CHEM 253: Organic Chemistry I | _____ |
| 9. | CHEM 254 Organic Chemistry II | _____ |
| 10. | CHEM 355: Physical Chemistry I | _____ |
| 11. | CHEM 356: Physical Chemistry II | _____ |

Mathematics

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| 12. | MATH 104: Calculus II | _____ |
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Physics

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| 13. | PHYS 170: Introductory Physics I | _____ |
| 14. | PHYS 171: Introductory Physics II | _____ |

Capstone

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| 15. | BIO/CHEM 405: Senior Seminar in Biochemistry
Selected topics from contemporary biochemistry, including protein structure and function, nucleic acid damage and repair. The course focuses on reading and interpretation of primary literature in biochemistry and serves as the capstone for the biochemistry major | _____ |
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