**Department: Chemistry and Biochemistry**

**Degree, Major: B.S. Biochemistry, minor BIOE**

**Note: Does not include Core Ed Requirements**

**YEAR 1**

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| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| CH 221/224H | 4 |  |
| CH 227/237 | 2 |  |
| MATH 251 | 4 |  |
| WR 121 | 4 |  |
| **TOTAL** | **14** |  |

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| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| CH 222/225H | 4 |  |
| CH 228/238 | 2 |  |
| MATH 252 | 4 |  |
| WR 122 | 4 |  |
| Core Ed A&L | 4 |  |
| **TOTAL** | **18** |  |

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| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| CH 223/226H | 4 |  |
| CH 229/239 | 2 |  |
| MATH 253 | 4 |  |
| Core Ed A&L | 4 |  |
| Core Ed SS | 4 |  |
| **TOTAL** | **18** |  |

**YEAR 2**

|  |  |  |
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| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| CH 341 | 4 |  |
| CH 337 | 3 |  |
| BI 281H | 5 |  |
| Core Ed SS | 4 |  |
| **TOTAL** | **16** |  |

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| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| CH 342 | 4 |  |
| CH 348 | 2 |  |
| BI 282H | 5 |  |
| Core Ed A&L | 4 |  |
| **TOTAL** | **15** |  |

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| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| CH 343 | 4 |  |
| BI 320 | 4 | **(does not count for BIOE minor, required)** |
| Core Ed A&L | 4 |  |
| Core Ed SS | 4 |  |
| **TOTAL** | **16** |  |

**YEAR 3**

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| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| CH 461 | 4 |  |
| CH 467 | 4 |  |
| PHYS 251 | 4 | BIOE minor must take PHYS 251 |
| PHYS 290 | 2 |  |
| Core Ed SS | 4 |  |
| **TOTAL** | **18** |  |

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| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| CH 462 | 4 |  |
| PHYS 252 | 4 | BIOE minor must take PHYS 25x series |
| PHYS 290 | 2 |  |
| CH 401 | 2 |  |
| CH 462 | 4 |  |
| **TOTAL** | **16** |  |

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| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| CH 463 | 4 |  |
| PHYS 253 | 4 | BIOE minor must take PHYS 25x series |
| PHYS 290 | 2 |  |
| CH 401 | 2 |  |
| 400-level in CH, earth sciences, physics | 4 |  |
| **TOTAL** | **16** |  |

**YEAR 4**

|  |  |  |
| --- | --- | --- |
| **FALL COURSES** | **CREDITS** | **MILESTONES** |
| CH 411 | 4 |  |
| CH 401 | 1-21 |  |
| BIOE 251 | 4 |  |
| 400-level in CH, earth sciences, physics | 8 | Select from BIOE elective list |
| **TOTAL** | **17-37** |  |

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| **WINTER COURSES** | **CREDITS** | **MILESTONES** |
| CH 412 | 4 |  |
| BIOE 252 | 4 |  |
| 400-level in CH, earth sciences, physics | 4 |  |
| BIOE 3xx/4xx | 4 |  |
| **TOTAL** | **16** |  |

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| --- | --- | --- |
| **SPRING COURSES** | **CREDITS** | **MILESTONES** |
| BIOE 253 | 4 |  |
| 400-level in CH, earth sciences, physics | 4 |  |
| Core Ed Multicultural | 8 |  |
| **TOTAL** | **16** |  |